CLOSURE REPORT (FINAL)

EUBANKS SUMP PUMP/EUBANKS SUCTION LINE

NMOCD REF: 1RP # 1211
PLAINS/EPI REF: 2001-11136/2002-10238

UL-A (NE¼ OF THE NE¼) OF SECTION 22 T21S R37E
~2.5 MILES NORTH-NORTHEAST OF EUNICE
LEA COUNTY, NEW MEXICO
LATITUDE: N 32° 28' 10.8" LONGITUDE: W 103° 08' 43.9"

AUGUST 2007

PREPARED BY:

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

PREPARED FOR:

PLAINS
ALL AMERICAN

Distribution List

Plains All American Pipeline – Eubanks Sump Pump/Eubanks Suction Line

NMOCD Ref: 1RP #1211; Plains/EPI Ref: 2001-11136/2002-10238

Name	Title	Company or Agency	Mailing Address	e-mail
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STANDARD OF CARE

Closure Report (Final)

Eubanks Sump Pump/Eubanks Suction Line

(NMOCD Ref: 1RP#1211; Plains/EPI Ref. #2001-11136/2002-10238)

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 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 derived using currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered professional with a background in engineering, environmental and/or natural sciences.

This report was prepared by:

Jason Stegemoller, M.S.
Environmental Scientist

14 August 2007
Date

This report was reviewed by:

David P. Duncan
Civil Engineer

8-14-07
Date

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1.0 PROJECT SYNOPSIS

Site Specific:

- ***Company Name:*** Plains All American Pipeline, L.P.
- ***Facility Name:*** Eubanks Sump Pump/Eubanks Suction Line
- ***Project Reference:*** NMOCD Ref: 1RP#1211; Plains/EPI Ref. #2001-11136/2002-10238
- ***Company Contacts:*** Camille Reynolds
- ***Site Location:*** WGS84 N32° 28' 10.8"; W103° 08' 43.9"
- ***Legal Description:*** Unit Letter-A, (NE¼ of the NE¼), Section 22, T 21 S, R 37 E
- ***General Description:*** Approximately 2.5-miles north-northeast of Eunice, New Mexico
- ***Elevation:*** 3,407-ft amsl
- ***Land Ownership:*** Charlie Bettis
- ***EPI Personnel:*** Project Consultant – Jason Stegemoller
  Field Foreman – David Robinson

Release Specific:

- ***Product Released:*** Crude oil
- ***Volume Released:*** ~50 bbls ***Volume Recovered:*** ~45 bbls
- ***Date of Occurrence:*** September 4, 2002
- ***Date of Discovery:*** September 4, 2002 (13:00 hrs)
- ***Release Source:*** 4-inch steel crude oil pipeline
- ***Initial Surface Area Affected:*** ~2,387 square feet

Remediation Specific:

- ***Final Vertical Extent of Contamination:*** 23-feet bgs at maximum depth
- ***Depth to Groundwater:*** ~65-ft bgs
- ***Water Wells within 1,000-ft:*** None
- ***Private Domestic Water Sources within 200-ft:*** None
- ***Surface Water Bodies within 1,000-ft:*** None
- ***NMOCD Site Ranking Index:*** 10 points
- ***Remedial Goals for Soil:*** TPH – 1,000 mg/Kg; BTEX – 50 mg/Kg; Benzene – 10 mg/Kg
- ***RCRA Waste Classification:*** Exempt
- ***Remediation Option Selected:*** a) Excavated contaminated soil above NMOCD remedial thresholds; b) laboratory analyses confirmed removal of soil impacted above NMOCD remedial thresholds in excavation sidewalls (outer) and floor; c) transported impacted soil to the Plains – Lea Station Landfarm for treatment; d) lined excavation sidewalls beneath pump facility with 20 mil polyethylene vertical liner; e) backfilled excavation with clean soil obtained from the landowner.
- ***Disposal Facility:*** Plains – Lea Station Landfarm (2007) and EPI Landfarm in 2002
- ***Volume Disposed:*** 658 cubic yards in 2007 and an estimated 200 cubic yards in 2002
- ***Excavation Completion Date:*** 20 February 2007

2.0 SITE AND RELEASE INFORMATION

2.1 ***Describe the land use and pertinent geographic features within 1,000 feet of the site.***
In addition to oilfield activities, land surrounding the area is rangeland utilized for livestock grazing.

2.2 ***Identify and describe the source or suspected source(s) of the release.***
Internal and external corrosion of 4-inch diameter steel crude oil pipeline.

2.3 ***What is the volume of the release? (if known):*** ~50 ***barrels of*** crude oil

2.4 ***What is the volume recovered? (if any):*** ~45 ***barrels***

2.5 ***When did the release occur? (if known):*** September 4, 2002 (13:00 hrs)

2.6 ***Geological Description***
The United States Geological Survey (USGS) Ground-Water Report 6, *"Geology and Ground-water Conditions in Southern Lea County, New Mexico," A. Nicholson and A. Clebsch, 1961*, describes the near surface geology of southern Lea County as "an intergrade of the Quaternary Alluvium (QA) sediments (i.e., fine to medium sand) with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick interbed of caliche and generally overlain by sandy soil."

The release site is located in the Eunice Plains physiographic subdivision, described by Nicholson & Clebsch as an area that is "underlain by a hard caliche surface and is almost entirely covered by reddish-brown dune sand. The sand cover is 2 to 5 feet thick over most of the area, but locally is as much as 20 or 30 feet thick."

2.7 ***Ecological Description***
Typical vegetation consists primarily of an intergrade of High Plains and Northern Chihuahuan Desert grasses. Vegetation includes blue grama, bur-grass, mesquite, shin oak and annual and perennial forbs (eg. broad-leafed milkweed and Russian thistle). Degraded/disturbed areas will consist primarily of annual grasses and forbs and mesquite exhibiting shrubby growth forms. Mammals represented include Orrd's and Merriam's Kangaroo Rats, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, Mule Deer, Bobcat, Red Fox and Coyote. Reptiles, amphibians and birds are numerous and typical of the area. A survey of Listed, Threatened or Endangered species was not conducted.

2.8 ***Area Groundwater***
The unconfined groundwater aquifer at this site is projected to be ~65 feet below ground surface (bgs) based on water depth data obtained from the New Mexico State Engineers Office and the United States Geological Survey data base (reference *Table 1*).

2.9 ***Area Water Wells***
New Mexico State Engineer's Office water well database indicate no public water supply wells to exist within 1,000-feet of the release site. In addition, no private domestic fresh water wells or springs used by less than five households for domestic or stock watering purposes exist within 200-feet of the release site (reference *Table 1* and *Figure 2*).

2.10 ***Area Surface Water Features***
No surface water features exist within 1,000 feet of the release site (reference *Figure 2*).

3.0 NMOCD SITE RANKING

Contaminant delineation and remedial work done at this site indicate chemical parameters of the soil and physical parameters of the groundwater were characterized consistent with the characterization and remediation/abatement goals and objectives set forth in the following New Mexico Oil Conservation Division (NMOCD) publications:

- ***Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)***
- ***Unlined Surface Impoundment Closure Guidelines (February, 1993)***
- ***Pit and Below-Grade Tank Guidelines (November, 2004)***

Acceptable thresholds for contaminants/constituents of concern (CoC) were determined based on the NMOCD Ranking Criteria as follows:

- *Depth to Groundwater (i.e., distance from the lower most acceptable concentration to ground-water);*
- *Wellhead Protection Area (i.e., distance from fresh water supply wells);*
- *Distance to Surface Water Body (i.e., horizontal distance to all down gradient surface water bodies).*

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 ten (10) 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***
Site Rank (1+2+3) = 10 + 0 + 0 = 10 points		

Total Site Ranking Score and Acceptable Remedial Goal Concentrations			
Site Ranking	**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 can be substituted in lieu of laboratory analyses for benzene and BTEX.

4.0 EXCAVATED SOIL INFORMATION

4.1 ***Was soil excavated for off-site treatment or disposal?*** ☒ ***Yes*** ☐ ***No***

Date excavated: January 22, 2007 through January 26, 2007 and February 20, 2007

Total volume removed: approximately 858- cubic yards

4.2 ***Indicated soil treatment type:***

- ☐ ***Disposal***
- ☒ ***Land Treatement***
- ☐ ***Composting/Biopiling***
- ☐ ***Other***

Name and location of treatment/disposal facility:
Plains – Lea Station Landfarm (~658-cubic yards); EPI Landfarm (~200-cubic yards)

4.3 ***Other information not listed above:*** As the facility is an operating crude oil pump station, residual impacted soil remains in-situ beneath pump equipment until the facility is decommissioned. A 20-mil polyethylene barrier was placed vertically over the excavation walls on the pump facility side to prevent horizontal movement of in-situ impacted soil into remediated areas.

5.0 SAMPLING INFORMATION

5.1 Briefly describe the field screening methods used to distinguish contaminated from uncontaminated soil.

Organic Vapor Concentrations – A portion of each soil sample collected was inserted into a self-sealing polyethylene bag to allow volatilization of organic vapors. After the samples equilibrated to ~70º F, they were analyzed for organic vapors utilizing a MiniRae® Photoionization Detector (PID) equipped with a 10.6 electron volt (eV) lamp calibrated for benzene response.

Chloride Concentrations – A LaMotte Chloride Test Kit (i.e., titration method) was utilized for field analyses of chloride concentration.

5.2 Briefly describe the soil analytical sampling and handling procedures used.

Upon collection of each sample, a portion was immediately placed in a laboratory provided container, labeled and set on ice for transport to an independent laboratory for quantification of total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene and total xylenes (BTEX), chloride and sulfate concentrations. The remaining portion of each sample was utilized for field analyses of organic vapor and chloride concentrations.

5.3 Discuss sample locations and provide rationale for their locations.

Soil samples were collected on February 28 and March 2, 2005 from six (6) soil borings advanced within the release area. Soil borings BH-1, BH-2, BH-3 and BH-4 were advanced to a maximum depth of 10-feet bgs, with soil samples collected at the surface, 5- and 10-feet bgs. Soil boring BH-5 was advanced to a maximum depth of 15-feet bgs, with soil samples collected at the surface, 5-, 10- and 15-feet bgs. Soil boring BH-6 was advanced to approximately 5-feet bgs, with soil samples collected at the surface and 5-feet bgs (reference *Figure 4*).

Soil samples were collected from the excavation sidewalls and floor on January 27, 2007. Soil sample locations were chosen to provide the best representative example of soil within the excavation floor and sidewall (reference *Figure 4*).

After excavation of impacted soil identified from the January 27, 2007 sampling event, soil samples were collected on February 20, 2007 for confirmation of removal of impacted soil within the excavation. Soil sample locations were selected to provide the best representative example of soil within the excavation floor and sidewall (reference *Figure 4*).

6.0 ANALYTICAL RESULTS

6.1 Describe the vertical and horizontal extent and magnitude of soil contamination.

Laboratory analyses of soil samples collected from the 2005 soil borings indicated TPH and BTEX constituent concentrations in soil borings BH-1, BH-2, BH-3 and BH-6 were below each analytes' respective NMOCD remedial threshold. TPH concentrations in BH-4 exceeded NMOCD remedial threshold at approximately 5-feet bgs. Remaining soil sample intervals and analytes from soil boring BH-4 were below NMOCD remedial thresholds for each respective analyte. TPH concentrations in BH-5 were above NMOCD remedial thresholds from the surface to approximately 10-feet bgs. Total BTEX concentrations in soil boring BH-5 were above NMOCD remedial thresholds in the surface sample and at 10-feet bgs. Remaining soil sample intervals and analytes from soil boring BH-5 were below NMOCD remedial thresholds for each respective analyte (reference *Table 2* and *Figure 4*).

Laboratory analyses of soil samples collected on January 26, 2007 from excavation sidewalls and floor indicated benzene and BTEX constituent concentrations were below NMOCD remedial thresholds for all sample locations. TPH concentrations in the eastern excavation floor [i.e., BH-2 (20')] exceeded remedial thresholds. With the exception of soil samples collected from pump facility sidewalls, TPH concentrations in remaining sample locations were less than NMOCD remedial thresholds (reference *Table 3* and *Figure 5*).

Soil samples were collected on February 20, 2007, after excavation of residual impacted soil from the eastern excavation floor and extension of excavation three (3)-feet past limits of impacted soil on east and south walls of excavation. Laboratory analyses of soil samples collected on February 20, 2007 indicated soil sample TPH and BTEX constituent concentrations were below each analytes' respective NMOCD remedial threshold (reference *Table 3* and *Figure 5*).

6.2 Is surface soil contamination present at the site (i.e., soil in the uppermost two feet that is visibly stained, contaminated at greater than 10 ppm (PID) or hydrocarbon saturated)?

☐ *yes* ☒ *no*

If yes, attach a site map identifying extent(s) of surface soil contamination.

7.0 DISCUSSION

7.1 ***Discuss the risks associated with the remaining soil contamination:***

Laboratory analyses indicate hydrocarbon impacted soil above NMOCD remedial thresholds has been excavated from the release area surrounding the pump. Based on depth to groundwater (>50-feet bgs) and low to non-detectable residual TPH and BTEX constituent concentrations groundwater should not be impacted from the release area surrounding the pump (reference *Table 2, Figure 4* and *Figure 5*).

7.2 ***Discuss the risks associated with the impacted groundwater:*** Not Applicable

7.3 ***Discuss other concerns not mentioned above:*** Residual hydrocarbon impacted soil remaining within the excavation sidewalls under the pump facility will be addressed when the pump facility is decommissioned.

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1 ***Recommendation for the site:***

- ☒ *Site Closure*
- ☐ *Additional Groundwater Monitoring*
- ☐ *Corrective Action*

8.2 ***Base the recommendation above on Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993). Describe below how you applied the policy to support your recommendation. If closure is recommended, please summarize significant site investigative events and describe how site specific risk issues have been adequately addressed or minimized to acceptable low risk levels.***

EPI was retained by Plains All American Pipeline, L.P. to investigate/remediate hydrocarbon impacted soil above NMOCD remedial thresholds. During the initial response to the release in 2002, approximately 200-cubic yards of crude oil saturated soil was scraped from the surface and transported to the EPI Landfarm. In 2007, EPI personnel excavated approximately 658-cubic yards of impacted soil were excavated from an area of approximately 2,115-square foot area to a maximum depth of 23-feet bgs. Impacted soil was transported to the Plains – Lea Station Landfarm for treatment.

Laboratory analyses of soil samples collected from the excavation sidewalls outside the pump facility and floor indicate NMOCD remedial thresholds have been achieved. Residual hydrocarbon impacted soil under the pump facility was isolated from the remediated soil by a vertical liner comprised of 20-mil polyethylene liner (reference *Table 3* and *Figure 5*).

Based on laboratory analyses and upon NMOCD approval the site was backfilled with clean soil obtained from the landowner. Hydrocarbon residuals in-situ under the pump facility will be addressed upon decommissioning.

EPI, on behalf of Plains, request the NMOCD require no further action and issue Plains All American Pipeline, L.P. a *Site Closure Letter.*

8.3 ***If additional groundwater monitoring is recommended, indicate the proposed monitoring schedule and frequency. Conduct quarterly monitoring until the NMOCD responds to this report.*** Not Applicable

8.4 ***If corrective action is recommended, provide a conceptual approach.*** Not Applicable

FIGURES

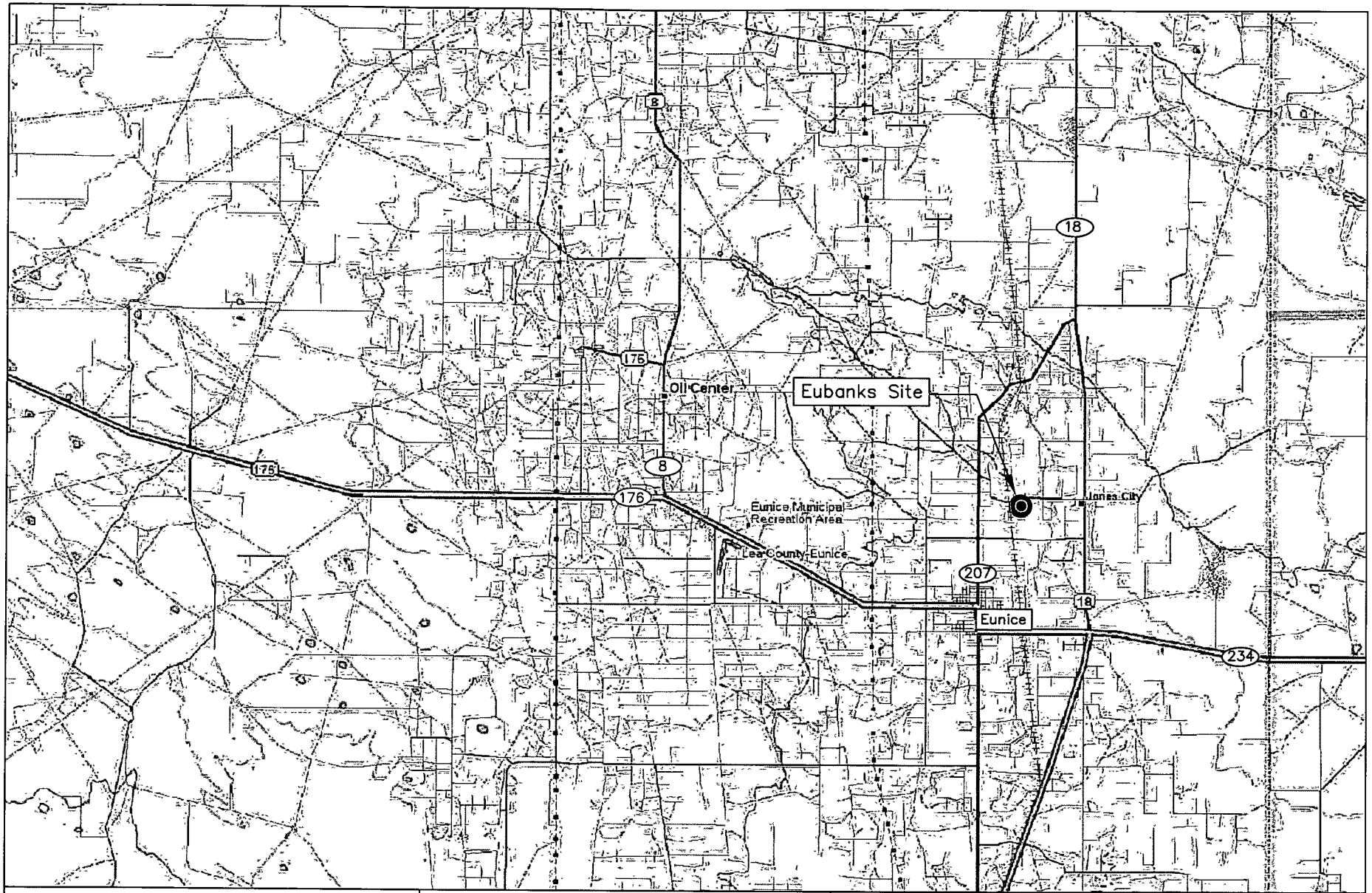

Figure 1
Area Map
Plains All American Pipeline
Eubanks Sump Pump/Eubanks
Suction Line
(Ref. # 2001-11136/2002-10238)

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 22, T21S, R37E
N 32° 28' 10.8" W 103° 8' 43.9"
Elevation: 3,407 feet amsl

DWG By: Jason Stegemoller
June 2005

REVISED:

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Miles

SHEET
1 of 1

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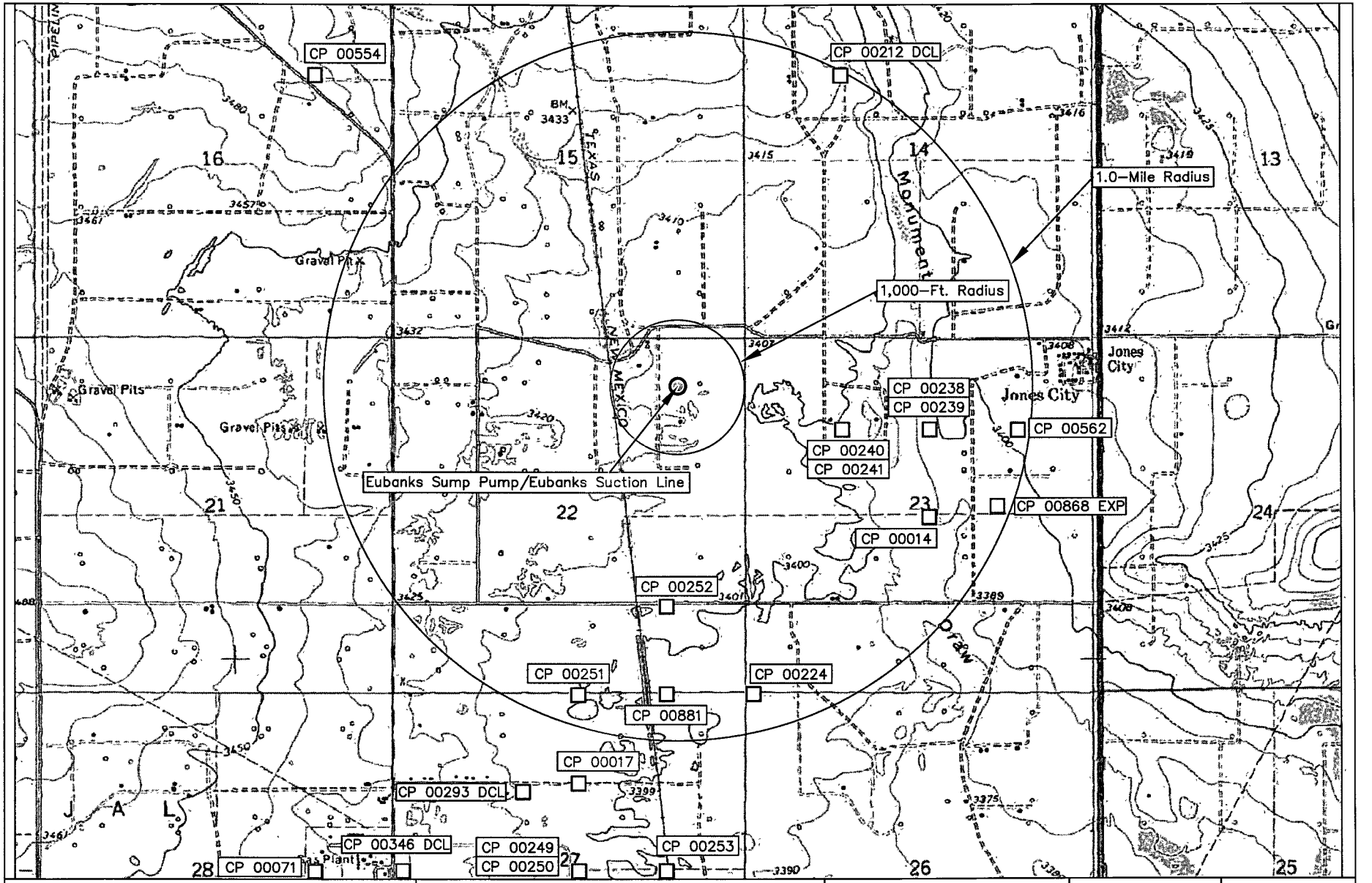

Figure 2
Site and Well Location Map
Plains All American Pipeline
Eubanks Sump Pump/Eubanks Suction Line
(Ref. # 2001-11136/2002-10238)

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 22, T21S, R37E
N 32° 28' 10.8" W 103° 8' 43.9"
Elevation: 3,407 feet amsl

DWG By: Jason Stegemoller
June 2005

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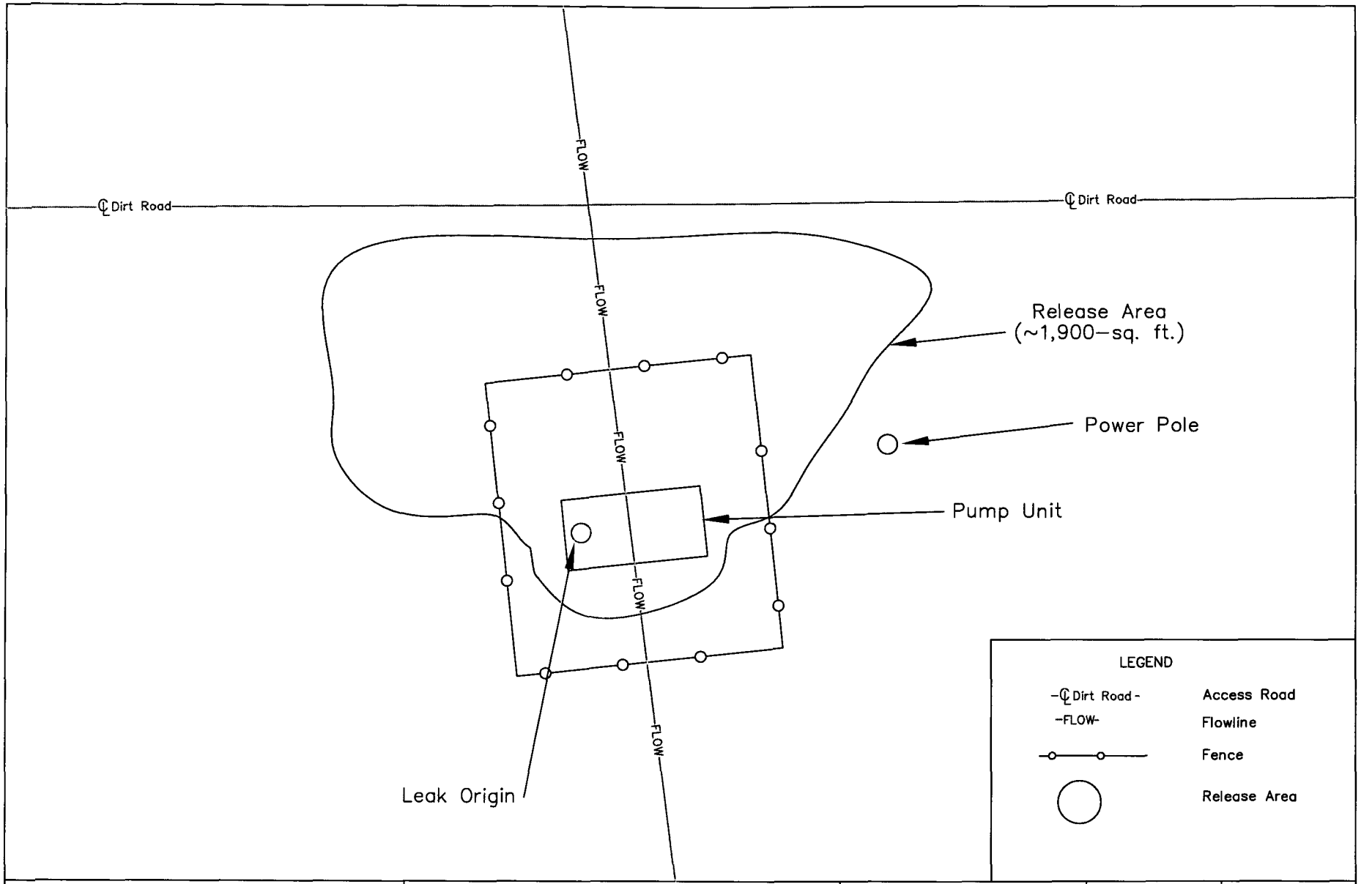

Figure 3
Site Map
Plains All American Pipeline
Eubanks Sump Pump/Eubanks Suction Line
(Ref. # 2001–11136/2002–10238)

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 22, T21S, R37E
N 32° 28' 10.8" W 103° 8' 43.9"
Elevation: 3,407 feet amsl

DWG By: Jason Stegemoller
June 2005

REVISED:

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Feet

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1 of 1

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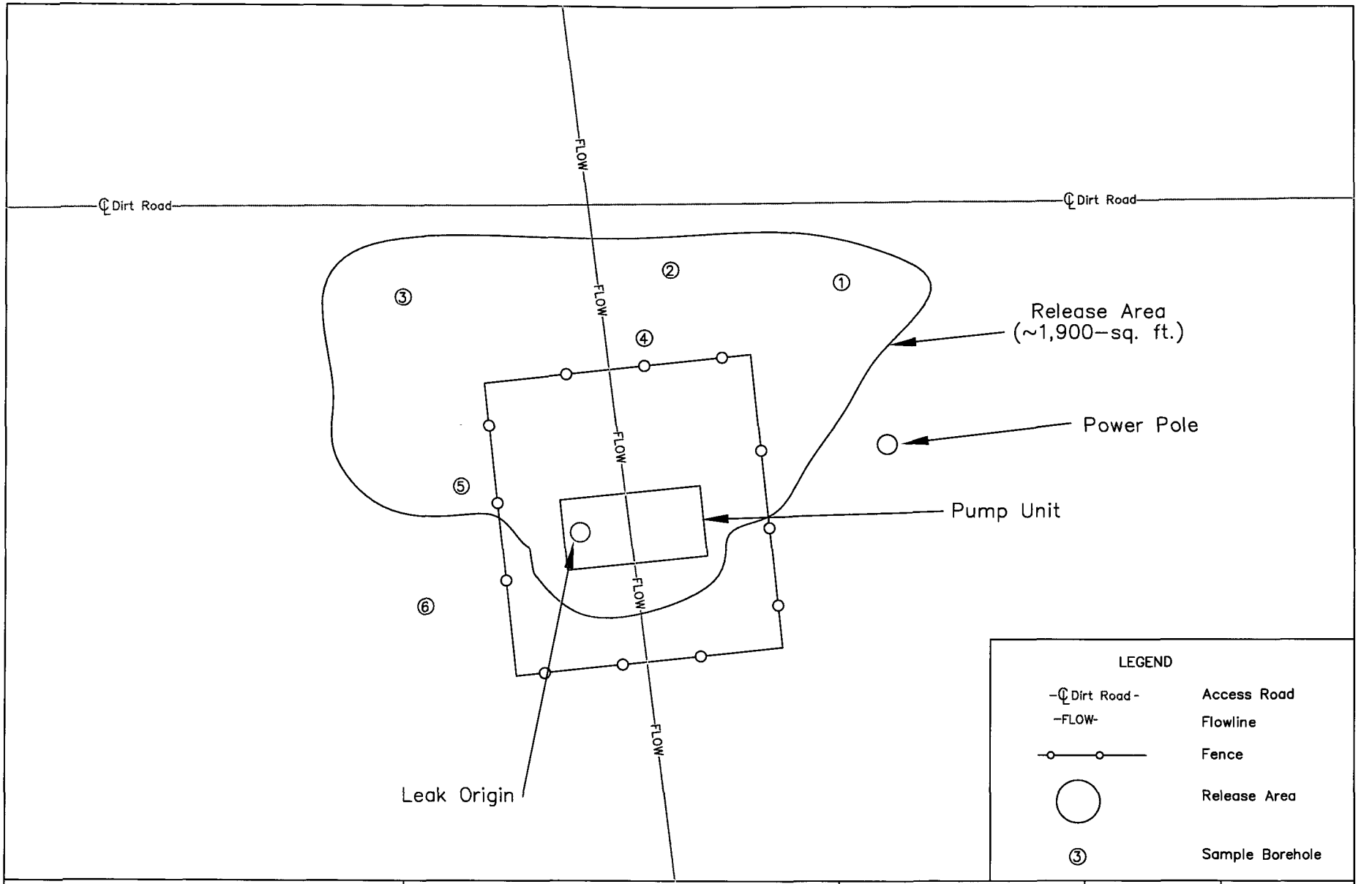

Figure 4
Soil Boring Location Map
Plains All American Pipeline
Eubanks Sump Pump/Eubanks Suction Line
(Ref. # 2001-11136/2002-10238)

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 22, T21S, R37E
N 32° 28' 10.8" W 103° 8' 43.9"
Elevation: 3,407 feet amsl

DWG By: Jason Stegemoller
June 2005

REVISED:

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Feet

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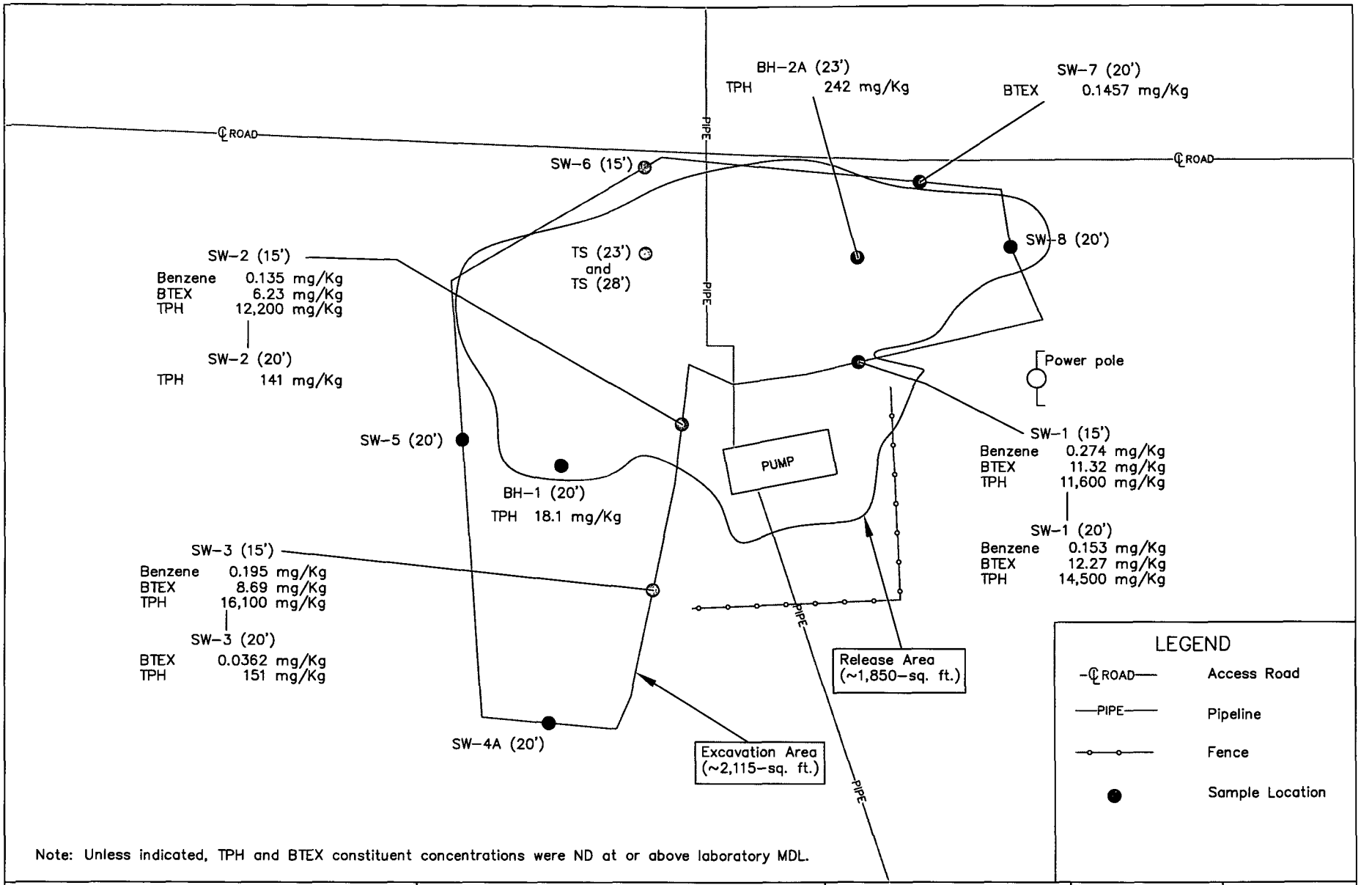

Note: Unless indicated, TPH and BTEX constituent concentrations were ND at or above laboratory MDL.

Figure 5
Excavation and Final Sample Location Map
Plains All American Pipeline
Eubanks Sump Pump/Eubanks Suction Line
(Ref. # 2001-11136/2002-10238)

Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 22, T21S, R37E
N 32° 28' 10.8" W 103° 8' 43.9"
Elevation: 3,407 feet amsl

DWG By: Jason Stegemoller
February 2007

REVISED:

0 15 30
Feet

SHEET 1 of 1

N

TABLES

Table 1
Well Data
Plains All American Pipeline
Eubanks Sump Pump/Eubanks Suction Line (Ref. # 2001-11136/2002-10238)

Well Number	Diversion	Owner	Use	Tws	Rng	Sec	q	q	q	Latitude	Longitude	Date Measured	Well Depth (feet)	Water Depth (feet)
CP 00014	75	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23	2	3	1	N32° 27' 51.29"	W103° 7' 59.85"	09-Dec-48	84	
CP 00017	75	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	27	2	1	2	N32° 27' 12.09"	W103° 9' 1.36"	04-Dec-48	101	
CP 00212 DCL	0	J. M. OWENS	DOM	21S	37E	14	1	2	2	N32° 28' 56.59"	W103° 8' 15.29"			
CP 00224	31	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23	3	3	4	N32° 27' 25.17"	W103° 8' 30.61"	30-May-49	96	
CP 00226	48.39	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26	4	4	1	N32° 26' 32.94"	W103° 7' 44.41"	11-Jun-62	80	
CP 00227	32.26	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26	4	3	2	N32° 26' 32.93"	W103° 7' 59.8"	30-Jun-62	85	
CP 00228	24.2	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26	4	3	4	N32° 26' 32.93"	W103° 7' 59.8"	28-Feb-63	90	
CP 00230	48.39	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26	3	2	3	N32° 26' 45.99"	W103° 8' 15.19"	31-Jul-65	85	
CP 00235	61	VERSADO GAS PROCESSORS LLC	IND	21S	37E	23	1	2	2	N32° 28' 4.35"	W103° 8' 15.25"	30-Nov-48	81	
CP 00236	40	VERSADO GAS PROCESSORS LLC	IND	21S	37E	23	2	1	3	N32° 28' 4.35"	W103° 7' 59.85'	31-Dec-48	83	
CP 00238	40	VERSADO GAS PROCESSORS LLC	IND	21S	37E	23	2	3	3	N32° 27' 51.29"	W103° 7' 59.85"	31-Dec-48	81	
CP 00239	25	VERSADO GAS PROCESSORS LLC	IND	21S	37E	23	2	1	1	N32° 28' 4.35"	W103° 7' 59.85"	30-Jun-61	89	
CP 00240	34	VERSADO GAS PROCESSORS LLC	IND	21S	37E	23	1	2	4	N32° 28' 4.35"	W103° 8' 15.25"	31-May-62	72	
CP 00241	11	VERSADO GAS PROCESSORS LLC	IND	21S	37E	23	1	2	4	N32° 28' 4.35"	W103° 8' 15.25"	31-Mar-64	76	
CP 00242	96	VERSADO GAS PROCESSORS LLC	IND	21S	37E	28	2	4	3	N32° 26' 59.02"	W103° 9' 47.52"	31-Dec-64	112	
CP 00249	40	VERSADO GAS PROCESSORS LLC	IND	21S	37E	27	2	3	2	N32° 26' 59.03"	W103° 9' 1.35"	31-Dec-48	102	
CP 00250	24	VERSADO GAS PROCESSORS LLC	IND	21S	37E	27	2	3	2	N32° 26' 59.03"	W103° 9' 1.35"	31-Dec-48	101	
CP 00251	48	VERSADO GAS PROCESSORS LLC	IND	21S	37E	22	4	3	2	N32° 27' 25.15"	W103° 9' 1.37"	31-Dec-48	103	
CP 00252	40	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	22	4	2	4	N32° 27' 38.22"	W103° 8' 46"	31-Mar-49	106	
CP 00253	61	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	27	2	4	3	N32° 26' 59.04"	W103° 8' 45.97"	31-May-58	101	
CP 00293 DCL	0	T. P. FAULKNER	DOM	21S	37E	27	1	4	2	--	--			
CP 00318 EXP	0	INC MCCASLAND HOT OIL SERVICE	SAN	21S	37E	28	3	4		N32° 26' 32.92"	W103° 10' 18.29"			
CP 00322	3	MILLARD DECK	DOM	21S	37E	28	3			N32° 26' 32.92"	W103° 10' 33.69"	10-Jun-66	138	73
CP 00346 DCL	0	H.A. BRAMLETT	DOM	21S	37E	27	1	3	1	N32° 26' 59.02"	W103° 9' 32.12"			
CP 00513	0	CORPORATION GULF OIL	SRO	21S	37E	28	3	1	3	N32° 26' 45.98"	W103° 10' 33.7"			
CP 00554	3	MILLARD DECK	STK	21S	37E	16	2	2		N32° 28' 56.57"	W103° 9' 47.62"	05-Jun-76	80	70
CP 00562	3	JIMMIE D. WEIR	STK	21S	37E	23	2	2	1	N32° 28' 4.35"	W103° 7' 44.46"	23-Dec-76	136	65
CP 00868 EXP	0	ALBERT HERNANDZ	DOM	21S	37E	23	2	4	3	--	--			
CP 00700	3	WAYNE R. WALKER	MUL	21S	37E	23	2			N32° 27' 51.45"	W103° 7' 59.94"	10-Sep-86	75	65
CP 00711	3	FLOYD G. BLOCK	DOM	21S	37E	28	2	4		N32° 26' 59.02"	W103° 9' 47.52"	02-Oct-87	100	65
CP 00735	3	CHARLES W. JENNINGS	DOM	21S	37E	28	4	2		N32° 26' 45.97"	W103° 9' 47.51"	27-Jul-88	105	
CP 00736	3	RONALD K. WORDEN	DOM	21S	37E	27	1	3		N32° 26' 59.02"	W103° 9' 32.12"	10-Sep-88	120	76
CP 00749	3	D.M. CRISWELL	DOM	21S	37E	28	3	4	2	N32° 26' 32.92"	W103° 10' 18.29"	22-Jun-90	123	75
CP 00881	3	RICHARD DON JONES	DOM	21S	37E	22	4	4	3	N32° 27' 25.16"	W103° 8' 45.99"	07-Sep-99	95	53

Data shown obtained from the New Mexico Office of the State Engineer (NMOSE) database

STK=Stock, IND=Industrial, SAN=Sanitary in conjuction with industrial, DOM=Domestic, one household, SRO=Secondary Recovery of Oil; MUL=Multiple Domestic Households

q=quarters, arranged from largest to smallest

shaded areas indicate wells not shown of Figure 2

TABLE 2

Summary of Soil Boring Analytical Results

Eubanks Sump Pump/Eubanks Pump Suction Line (Ref. #2001-11136/2002-10238)

Soil Boring	Sample ID	Depth (feet)	Sample Date	PID Reading (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	m,p-Xylenes (mg/Kg)	o-Xylene (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
BH-1	EPSL022805BH1-Surface	Surface	28-Feb-05	11.3	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2 5	<7.5
	EPSL022805BH1-10'	10	28-Feb-05	0.6	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
	EPSL022805BH1-15'	15	28-Feb-05	NA	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
BH-2	EPSL022805BH2-Surface	Surface	28-Feb-05	3.8	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
	EPSL022805BH2-5'	5	28-Feb-05	0.3	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	2.71	2.71
	EPSL022805BH2-10'	10	28-Feb-05	2.0	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
	EPSL022805BH2-15'	15	28-Feb-05	NA	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
BH-3	EPSL022805BH3-Surface	Surface	02-Mar-05	11.4	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
	EPSL022805BH3-5'	5	02-Mar-05	0.8	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
	EPSL022805BH3-10'	10	02-Mar-05	2.3	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
BH-4	EPSL022805BH4-Surface	Surface	02-Mar-05	5.6	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	9.82	9.82
	EPSL022805BH4-5'	5	02-Mar-05	303.0	0.220	<0.02	7.57	15.4	5 38	28.6	1,720	3,680	**5,400**
	EPSL022805BH4-10'	10	02-Mar-05	2.1	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
BH-5	EPSL022805BH5-Surface	Surface	02-Mar-05	208.0	1.24	27.7	35.3	70.8	36.5	**171.5**	14,300	91,200	**105,500**
	EPSL022805BH5-5'	5	02-Mar-05	218.0	<0.02	0.169	1.810	1.910	0.580	4.5	534	2,100	**2,634**
	EPSL022805BH5-10'	10	02-Mar-05	277.0	0.474	21.5	23.7	35.7	19.2	**100.6**	4,090	9,620	**13,710**
	EPSL022805BH5-15'	15	02-Mar-05	3.7	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	3.36	3.36
BH-6	EPSL022805BH6-Surface	Surface	02-Mar-05	4.6	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	<2.5	<7.5
	EPSL022805BH6-5'	5	02-Mar-05	2 3	<0.02	<0.02	<0.02	<0.04	<0.02	<0.12	<5	3.40	3.40
NMOCD Remedial Thresholds				**100** [A]	**10**					**50**			**1,000**

Bolded *values are in excess of the NMOCD Remediation Thresholds*

[A] *In lieu of laboratory analyes of benzene, toluene, ethylbenzene and total xylenes.*

TABLE 3

Summary of Excavation Analytical Results

Plains Pipeline L.P. - Eubanks Sump Pump/Eubanks Suction Line (Plains/EPI Ref. #2001-11135/2002-10238)

Sample ID	Depth (feet)	Sample Date	Soil Status	PID Reading (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges C6-C12 (mg/Kg)	Carbon Ranges C12-C-28 (mg/Kg)	Carbon Ranges C28-C35 (mg/Kg)	TPH C6-C35 (mg/Kg)
BH-1 (20')	20	26-Jan-07	*In situ*	34.2	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	18.1	<10.0	18.1
BH-2 (20')	20	26-Jan-07	*Excavated*	42.3	0.138	0.659	1.62	7.17	9.59	2,360	8,340	850	**11,600**
BH-2A (23')	23	20-Feb-07	*In situ*	28.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	45	165	32.6	242
SW-1 (15')	15	26-Jan-07	*In situ*	476	0.274	1.23	6.39	3.43	11.3	2,340	8,300	995	**11,600**
SW-1 (20')	20	26-Jan-07	*In situ*	344	0.153	0.785	1.97	9.36	12.3	2,990	10,400	1,140	**14,500**
SW-2 (15')	15	26-Jan-07	*In situ*	322	0.135	0.479	3.42	2.199	6.23	1,680	9,370	1,160	**12,200**
SW-2 (20')	20	26-Jan-07	*In situ*	16.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	7.21 [C]	99.2	41.8	141
SW-3 (15')	15	26-Jan-07	*In situ*	543	0.195	0.63	4.81	3.05	8.69	2,670	12,100	1,300	**16,100**
SW-3 (20')	20	26-Jan-07	*In situ*	45.8	<0.0250	<0.0250	<0.0250	0.0362	0.0362	9.46 [C]	110	41.1	151
SW-4 (20')	20	26-Jan-07	*Excavated*	49.1	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	2.27 [C]	135	27.5	162
SW-4A (10')	10	20-Feb-07	*In situ*	4.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<10.0	<10.0
SW-5 (20')	20	26-Jan-07	*In situ*	36.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<10.0	<10.0
TS (23')	23	26-Jan-07	*In situ*	53.4	<0.0250	<0.0250	<0.0250	<0 0500	<0.125	<10.0	<10.0	<10.0	<10.0
TS (28')	28	26-Jan-07	*In situ*	37.6	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<10.0	<10.0
SW-6 (15')	15	26-Jan-07	*In situ*	18.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<10.0	<10.0
SW-7 (20')	20	26-Jan-07	*In situ*	88.4	<0.0250	0.0136 [C]	0.0474	0.0847	0.132	<10.0	<10.0	<10.0	<10.0
SW-8 (20')	20	26-Jan-07	*Excavated*	49.3	<0.0250	<0.0250	<0.0250	<0.050	<0.125	<10.0	<10.0	<10.0	<10.0
SW-8A (10')	10	20-Feb-07	*In situ*	1.2	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10 0	<10.0	<10.0
NMOCD Remedial Thresholds				**100** [A]	**10**				**50**				**1,000**

Bolded *values are in excess of the NMOCD Remediation Thresholds*

Reference Figure 5 for soil sample locations

- - : Not Analyzed

[A] *In lieu of laboratory analyes of benzene, toluene, ethylbenzene and total xylenes*

[B] *Chloride residuals may not be capable of impacting local groundwaterabove the NMWQCCstandard of 250 mg/L*

[C] *Detected below the Reporting Limit; therefore, result should be considered an estimated concentration.*

Note: Gray shaded cells indicate sample has been excavated

APPENDICES

APPENDIX I

LABORATORY ANALYTICAL REPORTS
AND
CHAIN-OF-CUSTODY FORM

Sample Analysis Case Narrative

Client: Environmental Plus, Inc. **Project ID:** 2002-10238

Attn: Pat McCasland

for Sample #'s: 164705 **thru** 164722

Analyzed by AnalySys, Inc.

Final Review Date: 3/17/2005 **By:** _____ (D. Wagner)

Case Narrative:

The recovery of Benzene in the Matrix Spikes (MS and/or MSD) for the analytical batch that contained sample #'s 164711 thru 164713 and 164716 was outside normal laboratory acceptance criteria due to matrix effects in the randomly selected spiked sample. The Laboratory Control Sample (LCS) run with this batch met recovery criteria for Benzene indicating the analytical method was operating correctly and in control. When viewed within the context of the passing LCS data, this deviation in spike recovery should have minimal impact on data usability.

The recoveries of Ethylbenzene and o-Xylene in the Matrix Spikes (MS and/or MSD) for the analytical batch that contained sample #'s 164717 thru 164719 were outside normal laboratory acceptance criteria due to matrix effects in the randomly selected spiked sample. The Laboratory Control Sample (LCS) run with this batch met recovery criteria for each compound indicating the analytical method was operating correctly and in control. When viewed within the context of the passing LCS data, these deviations in spike recovery should have minimal impact on data usability.

AnalySys Inc.

Chain of Custody Form

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

Company Name	Environmental Plus, Inc.
EPI Project Manager	Pat McCasland
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	Eubanks Sump Pump
Project Reference	2002-10238
EPI Sampler Name	Manuel Gonzales

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.
Attn: Jimmy Bryant
PO Box 1660,
Midland, TX 79701

ANALYSIS REQUEST

LAB I.D.		SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
164715	1	EPSL022805BH4-5'	G	1			x					x		3/2/05	9:44	x	x						
164716	2	EPSL022805BH4-10'	G	1			x					x		3/2/05	10:41	x	x						
164717	3	EPSL022805BH5-Surface	G	1			x					x		3/2/05	11:19	x	x						
164718	4	EPSL022805BH5-5'	G	1			x					x		3/2/05	11:25	x	x						
164719	5	EPSL022805BH5-10'	G	1			x					x		3/2/05	11:58	x	x						
164720	6	EPSL022805BH5-15'	G	1			x					x		3/2/05	12:56	x	x						
164721	7	EPSL022805BH6-Surface	G	1			x					x		3/2/05	2:21	x	x						
164722	8	EPSL022805BH6-5'	G	1			x					x		3/2/05	2:36	x	x						
	9																						
	10																						

Sampler Relinquished: Manuel Gonzales	Date 2-28 Time 4:00	Received By: Roger Boone	E-mail results to: iolness@hotmail.com and enviplus1@aol.com
Relinquished by:	Date 3-7 Time 0700	Received By: (lab staff) [signature] 3-8-05 0953	REMARKS: CoC requested
Delivered by	Sample Cool & Intact Yes No	Checked By:	

T:4.3°c

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 164705 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH1-Surface
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 02/28/2005 **Time:** 11:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	2.6	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	J	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/10/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	<40	µg/Kg	40	<40	03/10/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	<20	µg/Kg	20	<20	03/10/05	8260b	---	4.4	124.7	104.8	96.9
Toluene	<20	µg/Kg	20	<20	03/10/05	8260b	---	12.1	119.9	108.1	96.8

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

Respectfully Submitted,

Dale Wagner

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 164706 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH1-15'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 02/28/2005 **Time:** 12:40

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]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/10/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	<40	µg/Kg	40	<40	03/10/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	<20	µg/Kg	20	<20	03/10/05	8260b	---	4.4	124.7	104.8	96.9
Toluene	<20	µg/Kg	20	<20	03/10/05	8260b	---	12.1	119.9	108.1	96.8

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ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164706
Attn: Pat McCasland	**Sample Name:** EPSL022805BH1-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	97.3	30-125	---
p-Terphenyl	8015 mod.	100	30-160	---
1,2-Dichloroethane-d4	8260b	92.8	56-120	---
Toluene-d8	8260b	107	71-116	---

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

ANALYSYS INC.

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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#: 164707 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH1-10'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 02/28/2005 **Time:** 01:15

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)	<2.5	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/10/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	<40	µg/Kg	40	<40	03/10/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	<20	µg/Kg	20	<20	03/10/05	8260b	---	4.4	124.7	104.8	96.9
Toluene	<20	µg/Kg	20	<20	03/10/05	8260b	---	12.1	119.9	108.1	96.8

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Dale Wagner

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ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164707
Attn: Pat McCasland	**Sample Name:** EPSL022805BH1-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	96.2	30-125	---
p-Terphenyl	8015 mod.	97.9	30-160	---
1,2-Dichloroethane-d4	8260b	105	56-120	---
Toluene-d8	8260b	115	71-116	---

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

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
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(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#: 164708 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH2-Surface
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 02/28/2005 **Time:** 01:39

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]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/10/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	<40	µg/Kg	40	<40	03/10/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	<20	µg/Kg	20	<20	03/10/05	8260b	---	4.4	124.7	104 8	96.9
Toluene	<20	µg/Kg	20	<20	03/10/05	8260b	---	12.1	119.9	108.1	96.8

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

Respectfully Submitted,

Dale Wagner

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164708
Attn: Pat McCasland	**Sample Name:** EPSL022805BH2-Surface	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	89.1	30-125	---
p-Terphenyl	8015 mod.	96.1	30-160	---
1,2-Dichloroethane-d4	8260b	79.1	56-120	---
Toluene-d8	8260b	97	71-116	---

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#: 164709 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH2-5'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 02/28/2005 **Time:** 01:48

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)	**2.71**	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	J	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/10/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	<40	µg/Kg	40	<40	03/10/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	<20	µg/Kg	20	<20	03/10/05	8260b	---	4.4	124.7	104.8	96.9
Toluene	<20	µg/Kg	20	<20	03/10/05	8260b	---	12.1	119.9	108.1	96.8

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Dale Wagner

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164709
Attn: Pat McCasland	**Sample Name:** EPSL022805BH2-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	84.7	30-125	---
p-Terphenyl	8015 mod.	98	30-160	---
1,2-Dichloroethane-d4	8260b	93.9	56-120	---
Toluene-d8	8260b	105	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164709 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH2-5'

Sample Temperature/Condition: <=6°C

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

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)	J	See J-flag discussion above

Notes: _____

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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#: 164710 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH2-10'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 02/28/2005 **Time:** 02:12

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)	**3.76**	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	J	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/10/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	<20	µg/Kg	20	<20	03/10/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	<40	µg/Kg	40	<40	03/10/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	<20	µg/Kg	20	<20	03/10/05	8260b	---	4.4	124.7	104.8	96.9
Toluene	<20	µg/Kg	20	<20	03/10/05	8260b	---	12.1	119.9	108.1	96.8

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.

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Dale Wagner

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164710
Attn: Pat McCasland	**Sample Name:** EPSL022805BH2-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	95.4	30-125	---
p-Terphenyl	8015 mod.	101	30-160	---
1,2-Dichloroethane-d4	8260b	94.9	56-120	---
Toluene-d8	8260b	103	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164710 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH2-10'

Sample Temperature/Condition: <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as diesel)	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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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#: 164711 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH3-Surface
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/11/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/11/05	8260b	S,M	3.3	66.1	93.5	90.7
Ethylbenzene	<20	µg/Kg	20	<20	03/11/05	8260b	---	3.8	105	108.7	106.3
m,p-Xylenes	<40	µg/Kg	40	<40	03/11/05	8260b	---	0.4	99.6	103.3	101.3
o-Xylene	<20	µg/Kg	20	<20	03/11/05	8260b	---	1.7	110.2	115.6	111.3
Toluene	<20	µg/Kg	20	<20	03/11/05	8260b	---	1.3	89.4	98.9	96.5

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164711
Attn: Pat McCasland	**Sample Name:** EPSL022805BH3-Surface	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	91.5	30-125	---
p-Terphenyl	8015 mod.	104	30-160	---
1,2-Dichloroethane-d4	8260b	104	56-120	---
Toluene-d8	8260b	100	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164711 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH3-Surface

Sample Temperature/Condition: <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	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

Notes:

AnalySys Inc.

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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#: 164712 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH3-5'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 08:18

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	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/12/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/12/05	8260b	S,M	3.3	66.1	93.5	90.7
Ethylbenzene	<20	µg/Kg	20	<20	03/12/05	8260b	---	3.8	105	108.7	106.3
m,p-Xylenes	<40	µg/Kg	40	<40	03/12/05	8260b	---	0.4	99.6	103.3	101.3
o-Xylene	<20	µg/Kg	20	<20	03/12/05	8260b	---	1.7	110.2	115.6	111.3
Toluene	<20	µg/Kg	20	<20	03/12/05	8260b	---	1.3	89.4	98.9	96.5

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Dale Wagner

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164712
Attn: Pat McCasland	**Sample Name:** EPSL022805BH3-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	90.1	30-125	---
p-Terphenyl	8015 mod.	97.2	30-160	---
1,2-Dichloroethane-d4	8260b	104	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#: 164712 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH3-5'

Sample Temperature/Condition: <=6°C

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

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J flag Discussion:

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	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.

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 164713 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH3-10'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 08:41

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	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/12/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/12/05	8260b	S,M	3.3	66.1	93.5	90.7
Ethylbenzene	<20	µg/Kg	20	<20	03/12/05	8260b	---	3.8	105	108.7	106.3
m,p-Xylenes	<40	µg/Kg	40	<40	03/12/05	8260b	---	0.4	99.6	103.3	101.3
o-Xylene	<20	µg/Kg	20	<20	03/12/05	8260b	---	1.7	110.2	115.6	111.3
Toluene	<20	µg/Kg	20	<20	03/12/05	8260b	---	1.3	89.4	98.9	96.5

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

Respectfully Submitted,

Dale Wagner

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164713
Attn: Pat McCasland	**Sample Name:** EPSL022805BH3-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	88.2	30-125	---
p-Terphenyl	8015 mod.	103	30-160	---
1,2-Dichloroethane-d4	8260b	98.6	56-120	---
Toluene-d8	8260b	93.6	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164713 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH3-10'

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	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

Notes:

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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#: 164714 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH4-Surface
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 09:24

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)	**9.82**	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/11/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/11/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	<20	µg/Kg	20	<20	03/11/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	<40	µg/Kg	40	<40	03/11/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	<20	µg/Kg	20	<20	03/11/05	8260b	---	4.4	124.7	104.8	96.9
Toluene	<20	µg/Kg	20	<20	03/11/05	8260b	---	12.1	119.9	108.1	96.8

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

Respectfully Submitted,

Dale Wagner

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164714
Attn: Pat McCasland	**Sample Name:** EPSL022805BH4-Surface	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	97.8	30-125	---
p-Terphenyl	8015 mod.	98.2	30-160	---
1,2-Dichloroethane-d4	8260b	100	56-120	---
Toluene-d8	8260b	**120**	71-116	X

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

Exceptions Report:

Report #/Lab ID#: 164714 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH4-Surface

Sample Temperature/Condition: <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene-d8	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices
Toluene-d8	X	(sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.

Notes:

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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#: 164715 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH4-5'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 09:44

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)	**3680**	mg/Kg	25	<25	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**1720**	mg/Kg	50	<50	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/14/05	8260b(5030/5035)	---	---	---	---	---
Benzene	**220**	µg/Kg	20	<20	03/14/05	8260b	---	7.7	80	93.3	90
Ethylbenzene	**7570**	µg/Kg	100	<100	03/11/05	8260b	---	3.1	122.2	102.2	97.4
m,p-Xylenes	**15400**	µg/Kg	200	<200	03/11/05	8260b	---	3	120.8	100.7	96.3
o-Xylene	**5380**	µg/Kg	100	<100	03/11/05	8260b	---	4.4	124.7	104.8	96.9
Toluene	<20	µg/Kg	20	<20	03/14/05	8260b	J	12.1	119.9	108.1	96.8

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.

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164715
Attn: Pat McCasland	**Sample Name:** EPSL022805BH4-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	**none/diluted**	diluted @ 5X	D
p-Terphenyl	8015 mod.	**none/diluted**	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	89.4	56-120	---
Toluene-d8	8260b	80.3	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164715 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH4-5'

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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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#: 164716 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH4-10'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 10:41

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	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/11/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/11/05	8260b	S,M	3.3	66.1	93.5	90.7
Ethylbenzene	<20	µg/Kg	20	<20	03/11/05	8260b	---	3.8	105	108.7	106.3
m,p-Xylenes	<40	µg/Kg	40	<40	03/11/05	8260b	---	0.4	99.6	103.3	101.3
o-Xylene	<20	µg/Kg	20	<20	03/11/05	8260b	---	1.7	110.2	115.6	111.3
Toluene	<20	µg/Kg	20	<20	03/11/05	8260b	---	1.3	89.4	98.9	96.5

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164716
Attn: Pat McCasland	**Sample Name:** EPSL022805BH4-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	85.2	30-125	---
p-Terphenyl	8015 mod.	89.4	30-160	---
1,2-Dichloroethane-d4	8260b	94.7	56-120	---
Toluene-d8	8260b	95.1	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164716 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH4-10'

Sample Temperature/Condition: <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	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.

Notes:

ANALYSYS INC.

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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#: 164717 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH5-Surface
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 11:19

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]
TPH by GC (as diesel)	**91200**	mg/Kg	125	<125	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**14300**	mg/Kg	250	<250	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/16/05	8260b(5030/5035)	---	---	---	---	---
Benzene	**1240**	µg/Kg	500	<500	03/16/05	8260b	---	11.6	77.7	86.6	89.3
Ethylbenzene	**35300**	µg/Kg	500	<500	03/16/05	8260b	S,M	8	174.9	97.7	108.5
m,p-Xylenes	**70800**	µg/Kg	1000	<1000	03/16/05	8260b	---	9.3	118.6	92.1	98.8
o-Xylene	**36500**	µg/Kg	500	<500	03/16/05	8260b	S,M	6.2	134.4	102.5	114.7
Toluene	**27700**	µg/Kg	500	<500	03/16/05	8260b	---	10.2	119.9	91	97.2

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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.

ANALYSYS INC.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164717
Attn: Pat McCasland	**Sample Name:** EPSL022805BH5-Surface	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	**none/diluted**	diluted @ 25X	D
p-Terphenyl	8015 mod.	**none/diluted**	diluted @ 25X	D
1,2-Dichloroethane-d4	8260b	**none/diluted**	diluted @ 25X	D
Toluene-d8	8260b	**none/diluted**	diluted @ 25X	D

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

Exceptions Report:

Report #/Lab ID#: 164717 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH5-Surface

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	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.
o-Xylene	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
1,2-Dichloroethane-d4 1,2-Dichloroethane-d4	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.
1-Chlorooctane 1-Chlorooctane	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.
p-Terphenyl p-Terphenyl	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
Toluene-d8 Toluene-d8	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.

Notes:

AnalySys Inc.

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(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#: 164718 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH5-5'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 11:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	**2100**	mg/Kg	12.5	<12.5	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**534**	mg/Kg	25	<25	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/16/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/16/05	8260b	---	11.6	77.7	86.6	89.3
Ethylbenzene	**1810**	µg/Kg	20	<20	03/16/05	8260b	S,M	8	174.9	97.7	108.5
m,p-Xylenes	**1910**	µg/Kg	40	<40	03/16/05	8260b	---	9.3	118.6	92.1	98.8
o-Xylene	**580**	µg/Kg	20	<20	03/16/05	8260b	S,M	6.2	134.4	102.5	114.7
Toluene	**169**	µg/Kg	20	<20	03/16/05	8260b	---	10.2	119.9	91	97.2

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,

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.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164718
Attn: Pat McCasland	**Sample Name:** EPSL022805BH5-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	95.7	30-125	---
p-Terphenyl	8015 mod.	92.9	30-160	---
1,2-Dichloroethane-d4	8260b	99.2	56-120	---
Toluene-d8	8260b	75.4	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164718 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH5-5'

Sample Temperature/Condition: <=6°C

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

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.
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J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	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.
o-Xylene	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.

Notes: _____
_____
_____

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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#: 164719 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH5-10'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 11:58

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)	**9620**	mg/Kg	25	<25	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	**4090**	mg/Kg	50	<50	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/16/05	8260b(5030/5035)	---	---	---	---	---
Benzene	**474**	µg/Kg	100	<100	03/16/05	8260b	---	11.6	77.7	86.6	89.3
Ethylbenzene	**23700**	µg/Kg	100	<100	03/16/05	8260b	S,M	8	174.9	97.7	108.5
m,p-Xylenes	**35700**	µg/Kg	200	<200	03/16/05	8260b	---	9.3	118.6	92.1	98.8
o-Xylene	**19200**	µg/Kg	100	<100	03/16/05	8260b	S,M	6.2	134.4	102.5	114.7
Toluene	**21500**	µg/Kg	100	<100	03/16/05	8260b	---	10.2	119.9	91	97.2

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.

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164719
Attn: Pat McCasland	**Sample Name:** EPSL022805BH5-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	**none/diluted**	diluted @ 5X	D
p-Terphenyl	8015 mod.	**none/diluted**	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	120	56-120	---
Toluene-d8	8260b	79.4	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164719 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH5-10'

Sample Temperature/Condition: <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	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
o-Xylene	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.
1-Chlorooctane 1-Chlorooctane	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.
p-Terphenyl p-Terphenyl	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

Notes:

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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#: 164720 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH5-15'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 12:56

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)	**3.36**	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	J	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/15/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/15/05	8260b	---	3.1	74	97.7	85.7
Ethylbenzene	<20	µg/Kg	20	<20	03/15/05	8260b	---	2.4	115.5	102	96
m,p-Xylenes	<40	µg/Kg	40	<40	03/15/05	8260b	---	2.8	108.5	94.8	93.5
o-Xylene	<20	µg/Kg	20	<20	03/15/05	8260b	---	3.5	122.8	106	104.4
Toluene	<20	µg/Kg	20	<20	03/15/05	8260b	---	4.7	105.1	106.8	94.9

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.

Respectfully Submitted,

Dale Wagner

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164720
Attn: Pat McCasland	**Sample Name:** EPSL022805BH5-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	92.8	30-125	---
p-Terphenyl	8015 mod.	106	30-160	---
1,2-Dichloroethane-d4	8260b	104	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#: 164720 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH5-15'

Sample Temperature/Condition: <=6°C

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

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J flag Discussion:

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as diesel)	J	See J-flag discussion above.

Notes:

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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#: 164721 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH6-Surface'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 02:21

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
TPH by GC (as diesel)	<2.5	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	---	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/15/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/15/05	8260b	---	3.1	74	97.7	85.7
Ethylbenzene	<20	µg/Kg	20	<20	03/15/05	8260b	---	2.4	115.5	102	96
m,p-Xylenes	<40	µg/Kg	40	<40	03/15/05	8260b	---	2.8	108.5	94.8	93.5
o-Xylene	<20	µg/Kg	20	<20	03/15/05	8260b	---	3.5	122.8	106	104.4
Toluene	<20	µg/Kg	20	<20	03/15/05	8260b	---	4.7	105.1	106.8	94.9

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Dale Wagner

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164721
Attn: Pat McCasland	**Sample Name:** EPSL022805BH6-Surface'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	89.8	30-125	---
p-Terphenyl	8015 mod.	111	30-160	---
1,2-Dichloroethane-d4	8260b	118	56-120	---
Toluene-d8	8260b	115	71-116	---

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

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Eunice NM 88231

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

Report#/Lab ID#: 164722 **Report Date:** 03/16/05
Project ID: 2002-10238
Sample Name: EPSL022805BH6-5'
Sample Matrix: soil
Date Received: 03/08/2005 **Time:** 09:55
Date Sampled: 03/02/2005 **Time:** 02:36

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]
TPH by GC (as diesel)	**3.4**	mg/Kg	2.5	<2.5	03/14/05	8015 mod.	J	7.1	99	96.1	103.5
TPH by GC (as diesel-ext)	---	---	---	---	03/14/05	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/14/05	8015 mod.	---	9.3	92.3	88.3	101.2
Volatile organics-8260b/BTEX	---		---		03/15/05	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/15/05	8260b	---	3.1	74	97.7	85.7
Ethylbenzene	<20	µg/Kg	20	<20	03/15/05	8260b	---	2.4	115.5	102	96
m,p-Xylenes	<40	µg/Kg	40	<40	03/15/05	8260b	---	2.8	108.5	94.8	93.5
o-Xylene	<20	µg/Kg	20	<20	03/15/05	8260b	---	3.5	122.8	106	104.4
Toluene	<20	µg/Kg	20	<20	03/15/05	8260b	---	4.7	105.1	106.8	94.9

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.

Respectfully Submitted,

Dale Wagner

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

ANALYSYS INC.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10238	**Report#/Lab ID#:** 164722
Attn: Pat McCasland	**Sample Name:** EPSL022805BH6-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1-Chlorooctane	8015 mod.	87.7	30-125	---
p-Terphenyl	8015 mod.	97	30-160	---
1,2-Dichloroethane-d4	8260b	104	56-120	---
Toluene-d8	8260b	110	71-116	---

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

Exceptions Report:

Report #/Lab ID#: 164722 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10238
Sample Name: EPSL022805BH6-5'

Sample Temperature/Condition: <=6°C

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

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)	J	See J-flag discussion above.

Notes:

11933

AnalySys Inc.

Chain of Custody Form

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

Company Name	Environmental Plus, Inc.
EPI Project Manager	Pat McCasland
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	Eubanks Sump Pump
Project Reference	2002-10238
EPI Sampler Name	Manuel Gonzales

Bill To

PLAINS ALL AMERICAN PIPELINE L.P

Attn: Jimmy Bryant
PO Box 1660,
Midland, TX 79701

LAB I.D.		SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO_4^{-2})	pH	TCLP	OTHER >>>	PAH				
164705	1	EPSL022805BH1-Surface	G	1			x					x		2/28/05	11:35	x	x									
164706	2	EPSL022805BH1-15'	G	1			x					x		2/28/05	12:40	x	x									
164707	3	EPSL022805BH1-10'	G	1			x					x		2/28/05	1:15	x	x									
164708	4	EPSL022805BH2-Surface	G	1			x					x		2/28/05	1:39	x	x									
164709	5	EPSL022805BH2-5'	G	1			x					x		2/28/05	1:48	x	x									
164710	6	EPSL022805BH2-10'	G	1			x					x		2/28/05	2:12	x	x									
164711	7	EPSL022805BH3-Surface	G	1			x					x		3/2/05	8:00	x	x									
164712	8	EPSL022805BH3-5'	G	1			x					x		3/2/05	8:18	x	x									
164713	9	EPSL022805BH3-10'	G	1			x					x		3/2/05	8:41	x	x									
164714	10	EPSL022805BH4-Surface	G	1			x					x		3/2/05	9:24	x	x									

Sampler Relinquished: Manuel Gonzales — Date 2-28 Time 4:00 — Received By: Roger Moore

Relinquished by: Roger Moore — Date 3-1 Time 0700 — Received By: (lab staff) J Bidell 3-8-05 0955

Delivered by:

Sample Cool & Intact: Yes / No

Checked By.

E-mail results to: iolness@hotmail.com and enviplus1@aol.com

REMARKS: CoC requested

T:4.32

11933

AnalySys Inc.

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

Chain of Custody Form

Company Name	Environmental Plus, Inc.
EPI Project Manager	Pat McCasland
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	Eubanks Sump Pump
Project Reference	2002-10238
EPI Sampler Name	Manuel Gonzales

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.
Attn: Jimmy Bryant
PO Box 1660,
Midland, TX 79701

LAB I.D.		SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl⁻)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH				
164715	1	EPSL022805BH4-5'	G	1			x					x		3/2/05	9:44	x	x										
164716	2	EPSL022805BH4-10'	G	1			x					x		3/2/05	10:41	x	x										
164717	3	EPSL022805BH5-Surface	G	1			x					x		3/2/05	11:19	x	x										
164718	4	EPSL022805BH5-5'	G	1			x					x		3/2/05	11:25	x	x										
164719	5	EPSL022805BH5-10'	G	1			x					x		3/2/05	11:58	x	x										
164720	6	EPSL022805BH5-15'	G	1			x					x		3/2/05	12:56	x	x										
164721	7	EPSL022805BH6-Surface	G	1			x					x		3/2/05	2:21	x	x										
164722	8	EPSL022805BH6-5'	G	1			x					x		3/2/05	2:36	x	x										
	9																										
	10																										

Sampler Relinquished: Manuel Gonzales	Date 2-28 Time 4:00	Received By: Roger Boone	E-mail results to: iolness@hotmail.com and enviplus1@aol.com REMARKS: CoC requested.
Relinquished by	Date 3-7 Time 0700	Received By (lab staff) [signature] 3-8-05 0955	
Delivered by	Sample Cool & Intact Yes No	Checked By:	

T: 4.3°c

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Daniel Bryant

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Eubank Sump Pump

Project Number: 2001-11136

Location: UL-A, Sec. 22, T 21 S, R 37 E

Lab Order Number: 7A29002

Report Date: 02/02/07

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

Project Eubank Sump Pump
Project Number 2001-11136
Project Manager. Daniel Bryant

Fax (432) 687-4914

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 20'	7A29002-01	Soil	01/26/07 08.30	01-27-2007 11 35
BH-2 20'	7A29002-02	Soil	01/26/07 08.37	01-27-2007 11 35
SW-1 15'	7A29002-03	Soil	01/26/07 08 42	01-27-2007 11.35
SW-1 20'	7A29002-04	Soil	01/26/07 08 46	01-27-2007 11 35
SW-2 15'	7A29002-05	Soil	01/26/07 08 51	01-27-2007 11.35
SW-2 20'	7A29002-06	Soil	01/26/07 08:57	01-27-2007 11 35
SW-3 15'	7A29002-07	Soil	01/26/07 09.06	01-27-2007 11 35
SW-3 20'	7A29002-08	Soil	01/26/07 09 13	01-27-2007 11.35
SW-4 20'	7A29002-09	Soil	01/26/07 09.20	01-27-2007 11.35
SW-5 20'	7A29002-10	Soil	01/26/07 09 27	01-27-2007 11 35
TS 23'	7A29002-11	Soil	01/26/07 09 36	01-27-2007 11.35
TS 28'	7A29002-12	Soil	01/26/07 09 40	01-27-2007 11.35
SW-6 15'	7A29002-13	Soil	01/26/07 10 58	01-27-2007 11.35
SW-7 20'	7A29002-14	Soil	01/26/07 11 10	01-27-2007 11.35
SW-8 20'	7A29002-15	Soil	01/26/07 11 15	01-27-2007 11 35

Plains All American EH & S	Project Eubank Sump Pump	Fax (432) 687-4914
1301 S. County Road 1150	Project Number 2001-11136	
Midland TX, 79706-4476	Project Manager Daniel Bryant	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 20' (7A29002-01) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	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		*86.2 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*118 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	**18.1**	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**18.1**	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*93.2 %*	*70-130*		"	"	"	"	
BH-2 20' (7A29002-02) Soil									
Benzene	**0.138**	0 0500	mg/kg dry	50	EA73005	01/30/07	01/30/07	EPA 8021B	
Toluene	**0.659**	0.0500	"	"	"	"	"	"	
Ethylbenzene	**1.62**	0.0500	"	"	"	"	"	"	
Xylene (p/m)	**5.39**	0.0500	"	"	"	"	"	"	
Xylene (o)	**1.78**	0.0500	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*108 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*174 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**2360**	50.0	mg/kg dry	5	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	**8340**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**850**	50.0	"	"	"	"	"	"	
Total Hydrocarbons	**11600**	50.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*26.0 %*	*70-130*		"	"	"	"	*S-06*
Surrogate 1-Chlorooctadecane		*40.6 %*	*70-130*		"	"	"	"	*S-06*
SW-1 15' (7A29002-03) Soil									
Benzene	**0.274**	0.0500	mg/kg dry	50	EA73005	01/30/07	01/30/07	EPA 8021B	
Toluene	**1.23**	0.0500	"	"	"	"	"	"	
Ethylbenzene	**6.39**	0.0500	"	"	"	"	"	"	
Xylene (p/m)	**2.39**	0.0500	"	"	"	"	"	"	
Xylene (o)	**1.04**	0.0500	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*139 %*	*80-120*		"	"	"	"	*S-04*
Surrogate 4-Bromofluorobenzene		*206 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**2340**	50 0	mg/kg dry	5	EA72904	01/29/07	01/31/07	EPA 8015M	

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

Project: Eubank Sump Pump
Project Number 2001-11136
Project Manager Daniel Bryant

Fax (432) 687-4914

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-1 15' (7A29002-03) Soil									
Carbon Ranges C12-C28	**8300**	50 0	mg/kg dry	5	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C28-C35	**995**	50.0	"	"	"	"	"	"	
Total Hydrocarbons	**11600**	50 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*26 2 %*	*70-130*		"	"	"	"	*S-06*
Surrogate 1-Chlorooctadecane		*25.0 %*	*70-130*		"	"	"	"	*S-06*
SW-1 20' (7A29002-04) Soil									
Benzene	**0.153**	0.0500	mg/kg dry	50	EA73005	01/30/07	01/31/07	EPA 8021B	
Toluene	**0.785**	0 0500	"	"	"	"	"	"	
Ethylbenzene	**1.97**	0.0500	"	"	"	"	"	"	
Xylene (p/m)	**7.08**	0 0500	"	"	"	"	"	"	
Xylene (o)	**2.28**	0 0500	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*122 %*	*80-120*		"	"	"	"	*S-04*
Surrogate 4-Bromofluorobenzene		*185 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**2990**	50 0	mg/kg dry	5	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	**10400**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**1140**	50 0	"	"	"	"	"	"	
Total Hydrocarbons	**14500**	50 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*29 8 %*	*70-130*		"	"	"	"	*S-06*
Surrogate 1-Chlorooctadecane		*46.6 %*	*70-130*		"	"	"	"	*S-06*
SW-2 15' (7A29002-05) Soil									
Benzene	**0.135**	0.0500	mg/kg dry	50	EA73005	01/30/07	01/30/07	EPA 8021B	
Toluene	**0.479**	0.0500	"	"	"	"	"	"	
Ethylbenzene	**3.42**	0.0500	"	"	"	"	"	"	
Xylene (p/m)	**1.78**	0.0500	"	"	"	"	"	"	
Xylene (o)	**0.419**	0 0500	"	"	"	"	"	"	
Surrogate. a,a,a-Trifluorotoluene		*101 %*	*80-120*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*160 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**1680**	50 0	mg/kg dry	5	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	**9370**	50 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**1160**	50 0	"	"	"	"	"	"	
Total Hydrocarbons	**12200**	50 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*21 0 %*	*70-130*		"	"	"	"	*S-06*
Surrogate· 1-Chlorooctadecane		*21 2 %*	*70-130*		"	"	"	"	*S-06*

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

Project Eubank Sump Pump
Project Number. 2001-11136
Project Manager Daniel Bryant

Fax (432) 687-4914

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-2 20' (7A29002-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	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		*85.2 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*103 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	**J [7.21]**	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	J
Carbon Ranges C12-C28	**99.2**	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**41.8**	10 0	"	"	"	"	"	"	
Total Hydrocarbons	**141**	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*90 4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*94.8 %*	*70-130*		"	"	"	"	
SW-3 15' (7A29002-07) Soil									
Benzene	**0.195**	0.0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	EPA 8021B	
Toluene	**0.630**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**4.81**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**2.55**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.501**	0.0250	"	"	"	"	"	"	
Surrogate. a,a,a-Trifluorotoluene		*122 %*	*80-120*		"	"	"	"	*S-04*
Surrogate· 4-Bromofluorobenzene		*211 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**2670**	50.0	mg/kg dry	5	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	**12100**	50 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**1300**	50.0	"	"	"	"	"	"	
Total Hydrocarbons	**16100**	50 0	"	"	"	"	"	"	
Surrogate· 1-Chlorooctane		*28.4 %*	*70-130*		"	"	"	"	*S-06*
Surrogate 1-Chlorooctadecane		*21 8 %*	*70-130*		"	"	"	"	*S-06*
SW-3 20' (7A29002-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA73005	01/30/07	01/31/07	EPA 8021B	
Toluene	ND	0 0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0362**	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*87.5 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*115 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	**J [9.46]**	10 0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	J

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Project Eubank Sump Pump
Project Number. 2001-11136
Project Manager Daniel Bryant

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-3 20' (7A29002-08) Soil									
Carbon Ranges C12-C28	**110**	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C28-C35	**41.1**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**151**	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*84.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*94.4 %*	*70-130*		"	"	"	"	
SW-4 20' (7A29002-09) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA73005	01/30/07	01/31/07	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		*84.5 %*	*80-120*		"	"	"	"	
Surrogate· 4-Bromofluorobenzene		*110 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	**J [2.27]**	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	J
Carbon Ranges C12-C28	**135**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**27.5**	10 0	"	"	"	"	"	"	
Total Hydrocarbons	**162**	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*87.6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*95 6 %*	*70-130*		"	"	"	"	
SW-5 20' (7A29002-10) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	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 8 %*	*80-120*		"	"	"	"	
Surrogate· 4-Bromofluorobenzene		*119 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*96.6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*105 %*	*70-130*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TS 23' (7A29002-11) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	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		*87.0 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*116 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*91.8 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*96 2 %*	*70-130*		"	"	"	"	
TS 28' (7A29002-12) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	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		*96.2 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*116 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*93.8 %*	*70-130*		"	"	"	"	
SW-6 15' (7A29002-13) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	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		*91.0 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*119 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	

Organics by GC

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-6 15' (7A29002-13) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*91 2 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*96 4 %*	*70-130*		"	"	"	"	
SW-7 20' (7A29002-14) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA73005	01/30/07	01/31/07	EPA 8021B	
Toluene	**J [0.0136]**	0.0250	"	"	"	"	"	"	J
Ethylbenzene	**0.0474**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0526**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0321**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95 0 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*102 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*84 8 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*94 6 %*	*70-130*		"	"	"	"	
SW-8 20' (7A29002-15) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EA73005	01/30/07	01/30/07	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		*85 2 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*120 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EA72904	01/29/07	01/31/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*87.2 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*95 2 %*	*70-130*		"	"	"	"	

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Project Eubank Sump Pump
Project Number. 2001-11136
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General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 20' (7A29002-01) Soil									
% Moisture	**15.5**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
BH-2 20' (7A29002-02) Soil									
% Moisture	**11.6**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-1 15' (7A29002-03) Soil									
% Moisture	**11.3**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-1 20' (7A29002-04) Soil									
% Moisture	**12.7**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-2 15' (7A29002-05) Soil									
% Moisture	**9.1**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-2 20' (7A29002-06) Soil									
% Moisture	**15.4**	0.1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-3 15' (7A29002-07) Soil									
% Moisture	**10.8**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-3 20' (7A29002-08) Soil									
% Moisture	**11.5**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-4 20' (7A29002-09) Soil									
% Moisture	**19.9**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-5 20' (7A29002-10) Soil									
% Moisture	**12.8**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	
TS 23' (7A29002-11) Soil									
% Moisture	**14.9**	0 1	%	1	EA73001	01/29/07	01/30/07	% calculation	

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General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TS 28' (7A29002-12) Soil									
% Moisture	**34.1**	0.1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-6 15' (7A29002-13) Soil									
% Moisture	**13.5**	0.1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-7 20' (7A29002-14) Soil									
% Moisture	**11.4**	0.1	%	1	EA73001	01/29/07	01/30/07	% calculation	
SW-8 20' (7A29002-15) Soil									
% Moisture	**13.2**	0.1	%	1	EA73001	01/29/07	01/30/07	% calculation	

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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
Batch EA72904 - Solvent Extraction (GC)										
Blank (EA72904-BLK1)				Prepared. 01/29/07 Analyzed. 01/31/07						
Carbon Ranges C6-C12	ND	10 0	mg/kg wet							
Carbon Ranges C12-C28	ND	10 0	"							
Carbon Ranges C28-C35	ND	10 0	"							
Total Hydrocarbons	ND	10 0	"							
Surrogate 1-Chlorooctane	*46 7*		*mg/kg*	*50 0*		*93 4*	*70-130*			
Surrogate 1-Chlorooctadecane	*54 1*		"	*50 0*		*108*	*70-130*			
LCS (EA72904-BS1)				Prepared. 01/29/07 Analyzed 01/30/07						
Carbon Ranges C6-C12	477	10 0	mg/kg wet	500		95.4	75-125			
Carbon Ranges C12-C28	432	10 0	"	500		86 4	75-125			
Carbon Ranges C28-C35	ND	*10 0*	"	*0 00*			75-125			
Total Hydrocarbons	909	10 0	"	1000		90 9	75-125			
Surrogate 1-Chlorooctane	*53 6*		*mg/kg*	*50 0*		*107*	*70-130*			
Surrogate 1-Chlorooctadecane	*47 8*		"	*50 0*		*95 6*	*70-130*			
Calibration Check (EA72904-CCV1)				Prepared 01/29/07 Analyzed. 01/31/07						
Carbon Ranges C6-C12	203		mg/kg	250		81 2	80-120			
Carbon Ranges C12-C28	*225*		"	*250*		*90 0*	80-120			
Total Hydrocarbons	428		"	500		85 6	80-120			
Surrogate 1-Chlorooctane	*51 7*		"	*50 0*		*103*	*70-130*			
Surrogate 1-Chlorooctadecane	*54 5*		"	*50 0*		*109*	*70-130*			
Matrix Spike (EA72904-MS1)	**Source: 7A29002-10**			Prepared 01/29/07 Analyzed: 01/31/07						
Carbon Ranges C6-C12	540	10 0	mg/kg dry	573	ND	94 2	75-125			
Carbon Ranges C12-C28	510	10 0	"	573	ND	89 0	75-125			
Carbon Ranges C28-C35	ND	10 0	"	0 00	ND		75-125			
Total Hydrocarbons	1050	10.0	"	1150	ND	91.3	75-125			
Surrogate 1-Chlorooctane	*52 5*		*mg/kg*	*50 0*		*105*	*70-130*			
Surrogate 1-Chlorooctadecane	*48 6*		"	*50 0*		*97 2*	*70-130*			

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 EA72904 - Solvent Extraction (GC)										
Matrix Spike Dup (EA72904-MSD1)	**Source: 7A29002-10**			Prepared. 01/29/07 Analyzed. 01/31/07						
Carbon Ranges C6-C12	550	10 0	mg/kg dry	573	ND	96 0	75-125	1 89	20	
Carbon Ranges C12-C28	487	10 0	"	573	ND	85 0	75-125	4 60	20	
Carbon Ranges C28-C35	ND	10 0	"	0 00	ND		75-125		20	
Total Hydrocarbons	1040	10 0	"	1150	ND	90 4	75-125	0 991	20	
Surrogate 1-Chlorooctane	*49 6*		*mg/kg*	*50 0*		*99 2*	*70-130*			
Surrogate 1-Chlorooctadecane	*50 8*		"	*50 0*		*102*	*70-130*			
Batch EA73005 - EPA 5030C (GC)										
Blank (EA73005-BLK1)				Prepared & Analyzed. 01/30/07						
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	*36 1*		*ug/kg*	*40 0*		*90 2*	*80-120*			
Surrogate 4-Bromofluorobenzene	*46 8*		"	*40 0*		*117*	*80-120*			
LCS (EA73005-BS1)				Prepared 01/30/07 Analyzed 01/31/07						
Benzene	1 36	0 0250	mg/kg wet	1 25		109	80-120			
Toluene	1 36	0 0250	"	1 25		109	80-120			
Ethylbenzene	1 20	0 0250	"	1 25		96 0	80-120			
Xylene (p/m)	2 46	0 0250	"	2 50		98 4	80-120			
Xylene (o)	1 03	0 0250	"	1 25		82 4	80-120			
Surrogate a,a,a-Trifluorotoluene	*35 2*		*ug/kg*	*40 0*		*88 0*	*80-120*			
Surrogate 4-Bromofluorobenzene	*46 2*		"	*40 0*		*116*	*80-120*			

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 EA73005 - EPA 5030C (GC)										
Calibration Check (EA73005-CCV1)				Prepared 01/30/07 Analyzed 01/31/07						
Benzene	55 7		ug/kg	50 0		111	80-120			
Toluene	55 5		"	50 0		111	80-120			
Ethylbenzene	58.1		"	50 0		116	80-120			
Xylene (p/m)	98 0		"	100		98 0	80-120			
Xylene (o)	43 9		"	50 0		87 8	80-120			
Surrogate a,a,a-Trifluorotoluene	*37 9*		"	*40.0*		*94 8*	*80-120*			
Surrogate 4-Bromofluorobenzene	*46 1*		"	*40 0*		*115*	*80-120*			
Matrix Spike (EA73005-MS1)	**Source: 7A29002-01**			Prepared. 01/30/07 Analyzed. 01/31/07						
Benzene	1 36	0 0250	mg/kg dry	1 48	ND	91 9	80-120			
Toluene	1 40	0 0250	"	1 48	ND	94.6	80-120			
Ethylbenzene	1.40	0 0250	"	1 48	ND	94 6	80-120			
Xylene (p/m)	2 64	0.0250	"	2 96	ND	89 2	80-120			
Xylene (o)	1 28	0 0250	"	1.48	ND	86 5	80-120			
Surrogate a,a,a-Trifluorotoluene	*32 2*		*ug/kg*	*40 0*		*80 5*	*80-120*			
Surrogate 4-Bromofluorobenzene	*41.9*		"	*40 0*		*105*	*80-120*			
Matrix Spike Dup (EA73005-MSD1)	**Source: 7A29002-01**			Prepared: 01/30/07 Analyzed 01/31/07						
Benzene	1 51	0 0250	mg/kg dry	1 48	ND	102	80-120	10 4	20	
Toluene	1 56	0 0250	"	1 48	ND	105	80-120	10 4	20	
Ethylbenzene	1.53	0 0250	"	1 48	ND	103	80-120	8 50	20	
Xylene (p/m)	2 97	0 0250	"	2 96	ND	100	80-120	11 4	20	
Xylene (o)	1.32	0 0250	"	1 48	ND	89 2	80-120	3.07	20	
Surrogate a,a,a-Trifluorotoluene	*32.2*		*ug/kg*	*40.0*		*80 5*	*80-120*			
Surrogate 4-Bromofluorobenzene	*45 9*		"	*40 0*		*115*	*80-120*			

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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
Batch EA73001 - General Preparation (Prep)										
Blank (EA73001-BLK1)				Prepared 01/29/07 Analyzed 01/30/07						
% Solids	100		%							
Duplicate (EA73001-DUP1)		**Source: 7A26014-01**		Prepared. 01/29/07 Analyzed. 01/30/07						
% Solids	89 5		%		96 3			7 32	20	
Duplicate (EA73001-DUP2)		**Source: 7A29002-02**		Prepared 01/29/07 Analyzed. 01/30/07						
% Solids	88 4		%		88 4			0 00	20	
Duplicate (EA73001-DUP3)		**Source: 7A29011-01**		Prepared 01/29/07 Analyzed 01/30/07						
% Solids	86 7		%		85 6			1 28	20	
Duplicate (EA73001-DUP4)		**Source: 7A29022-04**		Prepared 01/29/07 Analyzed 01/30/07						
% Solids	82 5		%		82 9			0 484	20	

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect
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: Brent Barron Date: 2/2/2007

Brent Barron, Laboratory Director/Corp. Technical Director
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Environmental Plus, Inc.

Chain of Custody Form

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Client Company	Plains All American Pipeline
Facility Name	Eubank Sump Pump
Location	UL-A, Sec. 22, T 21 S, R 37 E
Project Reference	2001-11136
EPI Sampler Name	Jacob Melancon

Bill To

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

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
729002																									
01	1 BH-1 (20')	X	1			X					X		26-Jan-07	8:30	X	X									
02	2 BH-2 (20')	X	1			X					X		26-Jan-07	8:37	X	X									
03	3 SW-1 (15')	X	1			X					X		26-Jan-07	8:42	X	X									
04	4 SW-1 (20')	X	1			X					X		26-Jan-07	8:46	X	X									
05	5 SW-2 (15')	X	1			X					X		26-Jan-07	8:51	X	X									
06	6 SW-2 (20')	X	1			X					X		26-Jan-07	8:57	X	X									
07	7 SW-3 (15')	X	1			X					X		26-Jan-07	9:06	X	X									
08	8 SW-3 (20')	X	1			X					X		26-Jan-07	9:13	X	X									
09	9 SW-4 (20')	X	1			X					X		26-Jan-07	9:20	X	X									
10	10 SW-5 (20')	X	1			X					X		26-Jan-07	9:27	X	X									

Sampler Relinquished:	Date: 1.27.06 Time: 11:35	Received By:	E-mail results to: jstegemoller@envplus.net & cjreynolds@paalp.com
Relinquished by.	Date: 1-27-07 Time: 11:35	Received By: (lab staff)	REMARKS:
Delivered by.	Sample Cool & Intact: (Yes) No	Checked By:	3.0°C 4oz glass

Environmental Plus, Inc.

Chain of Custody Form

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

Lab: ELT

Company Name	Environmental Plus, Inc.
EPI Project Manager	Jason Stegemoller
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 Pipeline
Facility Name	Eubank Sump Pump
Location	UL-A, Sec. 22, T 21 S, R 37 E
Project Reference	2001-11136
EPI Sampler Name	Jacob Melancon

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

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

ANALYSIS REQUEST

LAB I.D. 7A29002		SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH			
-11	1	TS (23')	X	1			X					X		26-Jan-07	9:36	X	X									
12	2	TS (28')	X	1			X					X		26-Jan-07	9:40	X	X									
13	3	SW-6 (15')	X	1			X					X		26-Jan-07	10:58	X	X									
14	4	SW-7 (20')	X	1			X					X		26-Jan-07	11:10	X	X									
15	5	SW-8 (20')	X	1			X					X		26-Jan-07	11:15	X	X									
	6																									
	7																									
	8																									
	9																									
	10																									

Sampler Relinquished:	Date 1-27-07 Time 11:35	Received By: [signature]	E-mail results to: jstegemoller@envplus.net & cjreynolds@paalp.com REMARKS:
Relinquished by:	Date 1-27-07 Time 11:35	Received By: (lab staff) Denise Moore	
Delivered by: [signature]	Sample Cool & Intact (Yes) No	Checked By:	3.0°C 4 oz glass

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Plains Environmental Plus

Date/ Time: 01-27-07 11:35

Lab ID #: 7A27002

Initials: DM

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	3.0 °C	
#2	Shipping container in good condition?	(Yes)	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Daniel Bryant

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Eubank Sump Pump

Project Number: 2001-11136

Location: UL-A, Sec. 22, T21S, R37E

Lab Order Number: 7B21013

Report Date: 02/27/07

Plains All American EH & S	Project Eubank Sump Pump	Fax (432) 687-4914
1301 S County Road 1150	Project Number. 2001-11136	
Midland TX, 79706-4476	Project Manager Daniel Bryant	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-2A (23')	7B21013-01	Soil	02/20/07 12.30	02-21-2007 15 45
SW-4A (10')	7B21013-02	Soil	02/20/07 12.35	02-21-2007 15.45
SW-8A (10')	7B21013-03	Soil	02/20/07 12 40	02-21-2007 15.45

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-2A (23') (7B21013-01) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EB72303	02/23/07	02/24/07	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		*89 4 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**44.8**	10.0	mg/kg dry	1	EB72202	02/22/07	02/24/07	EPA 8015M	
Carbon Ranges C12-C28	**165**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**32.6**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**242**	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*120 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	
SW-4A (10') (7B21013-02) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EB72303	02/23/07	02/23/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*80 0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*90.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EB72202	02/22/07	02/24/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*122 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	

Plains All American EH & S
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Midland TX, 79706-4476

Project Eubank Sump Pump
Project Number. 2001-11136
Project Manager. Daniel Bryant

Fax (432) 687-4914

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-8A (10') (7B21013-03) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EB72303	02/23/07	02/24/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*79.2 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*85 4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EB72202	02/22/07	02/24/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*111 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*123 %*	*70-130*		"	"	"	"	

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

Project Eubank Sump Pump
Project Number. 2001-11136
Project Manager Daniel Bryant

Fax. (432) 687-4914

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-2A (23') (7B21013-01) Soil									
% Moisture	**19.6**	0.1	%	1	EB72301	02/22/07	02/23/07	% calculation	
SW-4A (10') (7B21013-02) Soil									
% Moisture	**11.1**	0.1	%	1	EB72301	02/22/07	02/23/07	% calculation	
SW-8A (10') (7B21013-03) Soil									
% Moisture	**13.9**	0.1	%	1	EB72301	02/22/07	02/23/07	% calculation	

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Midland TX, 79706-4476

Project Eubank Sump Pump
Project Number 2001-11136
Project Manager Daniel Bryant

Fax (432) 687-4914

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 EB72202 - Solvent Extraction (GC)										
Blank (EB72202-BLK1)				Prepared 02/22/07 Analyzed 02/23/07						
Carbon Ranges C6-C12	ND	10 0	mg/kg wet							
Carbon Ranges C12-C28	ND	10 0	"							
Carbon Ranges C28-C35	ND	10 0	"							
Total Hydrocarbons	ND	10 0	"							
Surrogate 1-Chlorooctane	*58 3*		*mg/kg*	*50 0*		*117*	*70-130*			
Surrogate 1-Chlorooctadecane	*53 5*		*"*	*50 0*		*107*	*70-130*			
LCS (EB72202-BS1)				Prepared 02/22/07 Analyzed 02/23/07						
Carbon Ranges C6-C12	609	10 0	mg/kg wet	500		122	75-125			
Carbon Ranges C12-C28	503	10 0	"	500		101	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0 00			75-125			
Total Hydrocarbons	1110	10 0	"	1000		111	75-125			
Surrogate 1-Chlorooctane	*64 4*		*mg/kg*	*50 0*		*129*	*70-130*			
Surrogate 1-Chlorooctadecane	*53 6*		*"*	*50 0*		*107*	*70-130*			
Calibration Check (EB72202-CCV1)				Prepared 02/22/07 Analyzed. 02/26/07						
Carbon Ranges C6-C12	217		mg/kg	250		86 8	80-120			
Carbon Ranges C12-C28	216		"	250		86 4	80-120			
Total Hydrocarbons	433		"	500		86 6	80-120			
Surrogate 1-Chlorooctane	*60 9*		*"*	*50 0*		*122*	*70-130*			
Surrogate 1-Chlorooctadecane	*61 2*		*"*	*50 0*		*122*	*70-130*			
Matrix Spike (EB72202-MS1)	**Source: 7B21012-17**			Prepared. 02/22/07 Analyzed. 02/24/07						
Carbon Ranges C6-C12	618	10 0	mg/kg dry	512	ND	121	75-125			
Carbon Ranges C12-C28	511	10 0	"	512	ND	99 8	75-125			
Carbon Ranges C28-C35	ND	10 0	"	0 00	ND		75-125			
Total Hydrocarbons	1140	10 0	"	1020	ND	112	75-125			
Surrogate 1-Chlorooctane	*63 4*		*mg/kg*	*50 0*		*127*	*70-130*			
Surrogate 1-Chlorooctadecane	*59 5*		*"*	*50 0*		*119*	*70-130*			

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 EB72202 - Solvent Extraction (GC)										
Matrix Spike Dup (EB72202-MSD1)	**Source: 7B21012-17**			Prepared. 02/22/07 Analyzed. 02/24/07						
Carbon Ranges C6-C12	631	10 0	mg/kg dry	512	ND	123	75-125	1 64	20	
Carbon Ranges C12-C28	504	10 0	"	512	ND	98 4	75-125	1 41	20	
Carbon Ranges C28-C35	ND	10.0	"	0 00	ND		75-125		20	
Total Hydrocarbons	1140	10 0	"	1020	ND	112	75-125	0 00	20	
Surrogate 1-Chlorooctane	*60 4*		*mg/kg*	*50 0*		*121*	*70-130*			
Surrogate 1-Chlorooctadecane	*57 1*		*"*	*50 0*		*114*	*70-130*			
Batch EB72303 - EPA 5030C (GC)										
Blank (EB72303-BLK1)				Prepared & Analyzed 02/23/07						
Benzene	ND	0 00100	mg/kg wet							
Toluene	ND	0 00100	"							
Ethylbenzene	ND	0 00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0 00100	"							
Surrogate a,a,a-Trifluorotoluene	*40 8*		*ug/kg*	*50 0*		*81 6*	*75-125*			
Surrogate 4-Bromofluorobenzene	*46 5*		*"*	*50 0*		*93 0*	*75-125*			
LCS (EB72303-BS1)				Prepared & Analyzed. 02/23/07						
Benzene	0 0519	0 00100	mg/kg wet	0 0500		104	80-120			
Toluene	0 0468	0.00100	"	0 0500		93 6	80-120			
Ethylbenzene	0 0456	0 00100	"	0 0500		91 2	80-120			
Xylene (p/m)	0 0938	0 00100	"	0 100		93.8	80-120			
Xylene (o)	0 0420	0 00100	"	0 0500		84 0	80-120			
Surrogate a,a,a-Trifluorotoluene	*45 7*		*ug/kg*	*50 0*		*91 4*	*75-125*			
Surrogate 4-Bromofluorobenzene	*52 4*		*"*	*50 0*		*105*	*75-125*			

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 EB72303 - EPA 5030C (GC)										
Calibration Check (EB72303-CCV1)				Prepared 02/23/07 Analyzed. 02/24/07						
Benzene	44 2		ug/kg	50 0		88 4	80-120			
Toluene	40 8		"	50 0		81 6	80-120			
Ethylbenzene	40 6		"	50 0		81.2	80-120			
Xylene (p/m)	82 0		"	100		82 0	80-120			
Xylene (o)	40 0		"	50 0		80 0	80-120			
Surrogate a,a,a-Trifluorotoluene	*41 3*		"	*50 0*		*82 6*	*75-125*			
Surrogate 4-Bromofluorobenzene	*43 0*		"	*50 0*		*86 0*	*75-125*			
Matrix Spike (EB72303-MS1)	**Source: 7B21003-01**			Prepared. 02/23/07 Analyzed 02/26/07						
Benzene	0 0949	0 00200	mg/kg dry	0 103	ND	92 1	80-120			
Toluene	0 0854	0 00200	"	0 103	ND	82 9	80-120			
Ethylbenzene	0 0836	0 00200	"	0 103	ND	81.2	80-120			
Xylene (p/m)	0 171	0 00200	"	0 206	ND	83 0	80-120			
Xylene (o)	0 0837	0 00200	"	0 103	ND	81 3	80-120			
Surrogate a,a,a-Trifluorotoluene	*40 2*		*ug/kg*	*50 0*		*80 4*	*75-125*			
Surrogate 4-Bromofluorobenzene	*46 0*		"	*50 0*		*92 0*	*75-125*			
Matrix Spike Dup (EB72303-MSD1)	**Source: 7B21003-01**			Prepared. 02/23/07 Analyzed 02/26/07						
Benzene	0 0911	0 00200	mg/kg dry	0 103	ND	88 4	80-120	4 10	20	
Toluene	0 0844	0 00200	"	0 103	ND	81 9	80-120	1 21	20	
Ethylbenzene	0 0825	0 00200	"	0.103	ND	80 1	80-120	1 36	20	
Xylene (p/m)	0 170	0 00200	"	0 206	ND	82 5	80-120	0 604	20	
Xylene (o)	0 0824	0 00200	"	0 103	ND	80 0	80-120	1 61	20	
Surrogate a,a,a-Trifluorotoluene	*42 1*		*ug/kg*	*50 0*		*84 2*	*75-125*			
Surrogate 4-Bromofluorobenzene	*45 1*		"	*50 0*		*90 2*	*75-125*			

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

Project: Eubank Sump Pump
Project Number: 2001-11136
Project Manager: Daniel Bryant

Fax. (432) 687-4914

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 EB72301 - General Preparation (Prep)										
Blank (EB72301-BLK1)				Prepared. 02/22/07 Analyzed. 02/23/07						
% Solids	100		%							
Duplicate (EB72301-DUP1)		**Source: 7B21012-01**		Prepared 02/22/07 Analyzed 02/23/07						
% Solids	92 4		%		92 1			0 325	20	
Duplicate (EB72301-DUP2)		**Source: 7B21014-02**		Prepared 02/22/07 Analyzed. 02/23/07						
% Solids	92 1		%		92 3			0 217	20	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Notes and Definitions

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: Celey D. Keene Date: 02/27/07

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

Environmental Plus, Inc.

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

Chain of Custody Form

Lab: ELT

Company Name	Environmental Plus, Inc.
EPI Project Manager	Jason Stegemoller
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 Pipeline
Facility Name	Eubank Sump Pump
Location	UL-A, Sec. 22, T 21 S, R 37 E
Project Reference	2001-11136
EPI Sampler Name	Kirt Tyree

Bill To

PLAINS ALL AMERICAN PIPELINE, L.P.

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

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: CRUDE OIL	MATRIX: SLUDGE	MATRIX: OTHER:	PRESERV.: ACID/BASE	PRESERV.: ICE/COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES (SO_4^{2-})	pH	TCLP	OTHER >>>	PAH			
TB21013																									
1	BH-2A (23')	X	1			X					X		20-Feb-07	12:30	X	X									
2	SW-4A (10')	X	1			X					X		20-Feb-07	12:35	X	X									
3	SW-8A (10')	X	1			X					X		20-Feb-07	12:40	X	X									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished:	Date 2-21-07 Time 15:45	Received By:	E-mail results to: jstegemoller@envplus.net & cjreynolds@paalp.com
Relinquished by:	Date 2-21-07 Time 1545	Received By: (lab staff) Joanne McMurry	REMARKS. Please analyze ASAP 4oz glass w/label/seal 1.5°C
Delivered by:	Sample Cool & Intact (Yes) No	Checked By:	

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Plains P/L / EPI

Date/ Time: 02-21-07 @ 1545

Lab ID #: 7B2101 3

Initials: JMM

Sample Receipt Checklist

				Client Initials
#1 Temperature of container/ cooler?	(Yes)	No	1.5 °C	
#2 Shipping container in good condition?	(Yes)	No		
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4 Custody Seals intact on sample bottles/ container? (labels)	(Yes)	No	Not Present	
#5 Chain of Custody present?	(Yes)	No		
#6 Sample instructions complete of Chain of Custody?	(Yes)	No		
#7 Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8 Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11 Containers supplied by ELOT?	(Yes)	No		
#12 Samples in proper container/ bottle?	(Yes)	No	See Below	
#13 Samples properly preserved?	(Yes)	No	See Below	
#14 Sample bottles intact?	(Yes)	No		
#15 Preservations documented on Chain of Custody?	(Yes)	No		
#16 Containers documented on Chain of Custody?	(Yes)	No		
#17 Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18 All samples received within sufficient hold time?	(Yes)	No	See Below	
#19 Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20 VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

APPENDIX II

PROJECT PHOTOGRAPHS

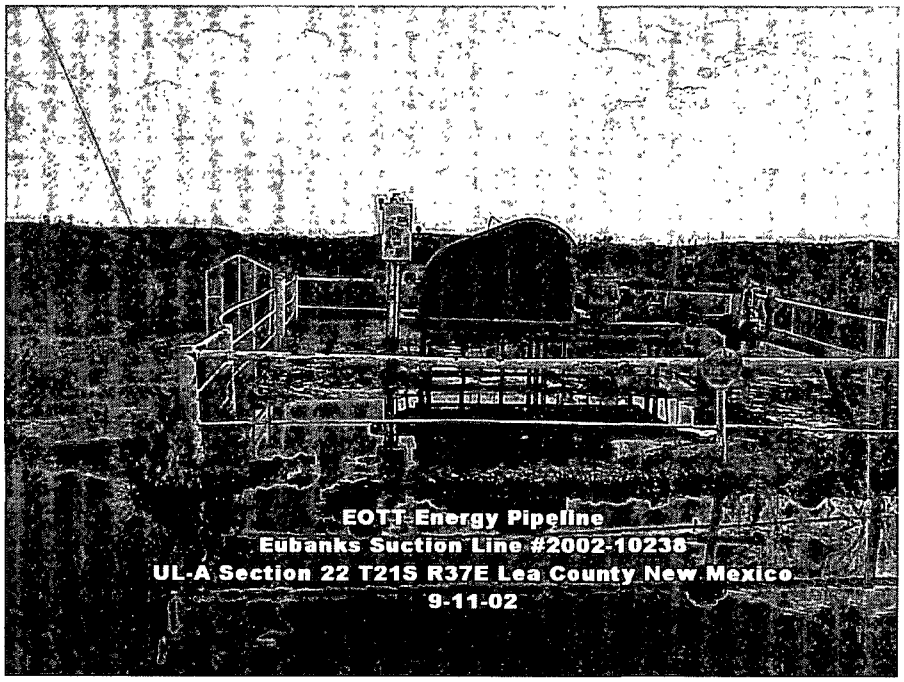

***Photo #1*:** Looking across crude oil release (2002).

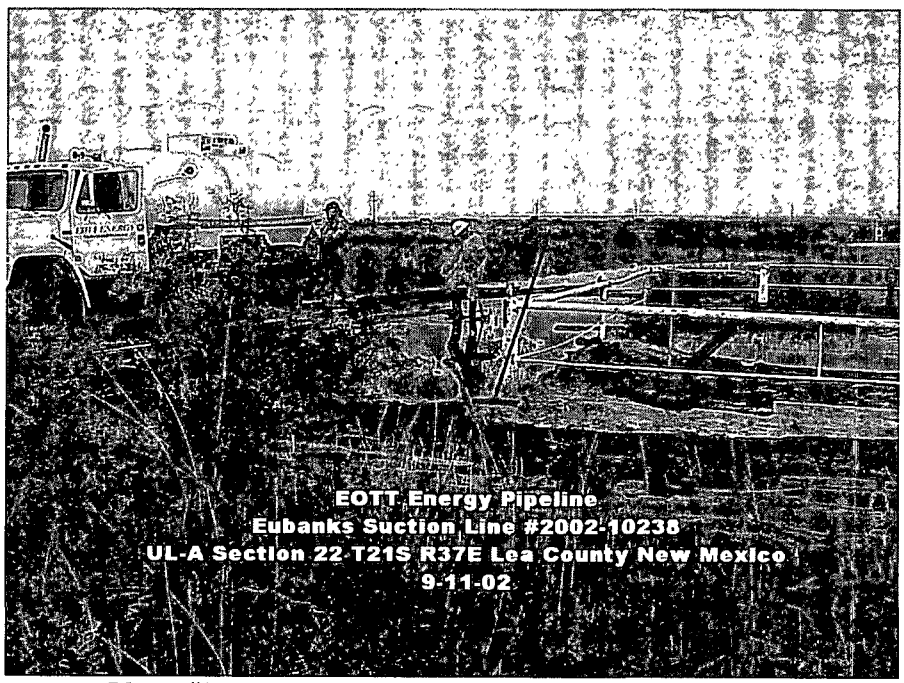

Photo #2: Looking easterly across crude oil release (2002).

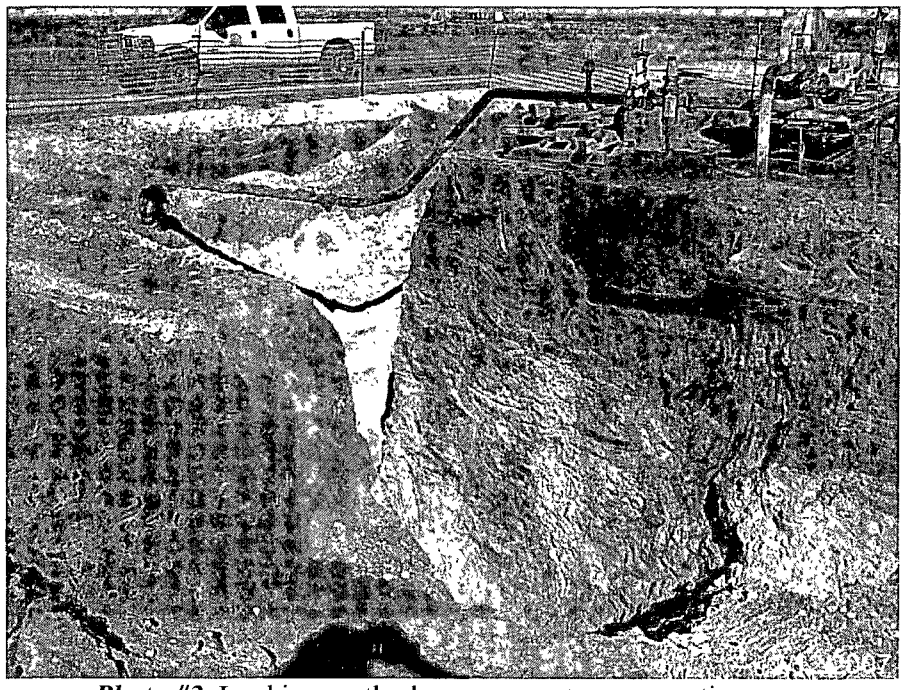

Photo #3: Looking northerly across western excavation area.

Photo #4: Looking down on excavation.

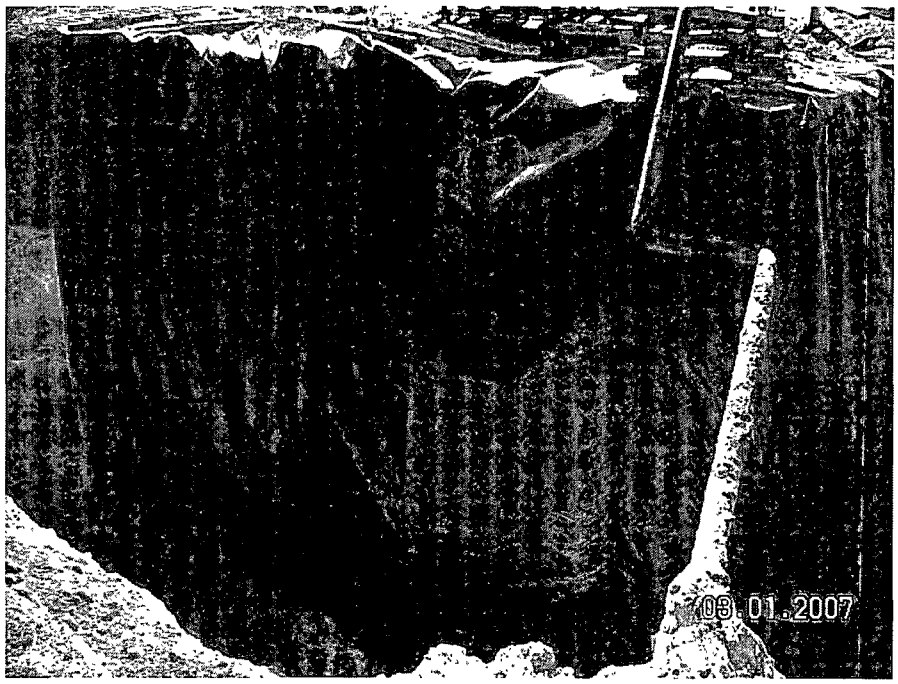

Photo #5: Looking southerly across excavation at installation of impermeable barrier.

Photo #6: Looking southeasterly across excavation at installation of impermeable barrier.

Photo #7: Looking easterly across excavation during backfilling activities.

Photo #8: Looking northerly across excavation during backfilling activities.

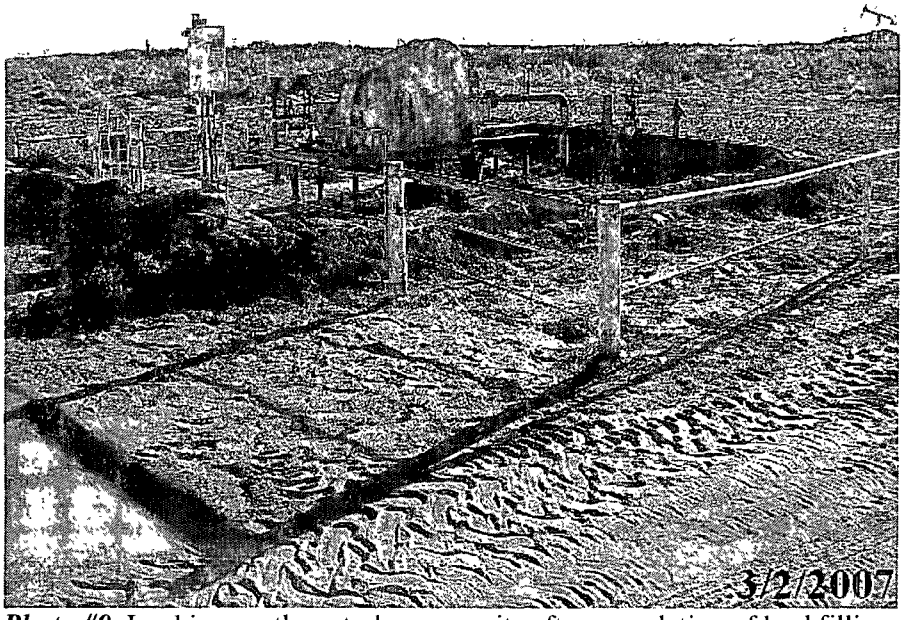

Photo #9: Looking southwesterly across site after completion of backfilling.

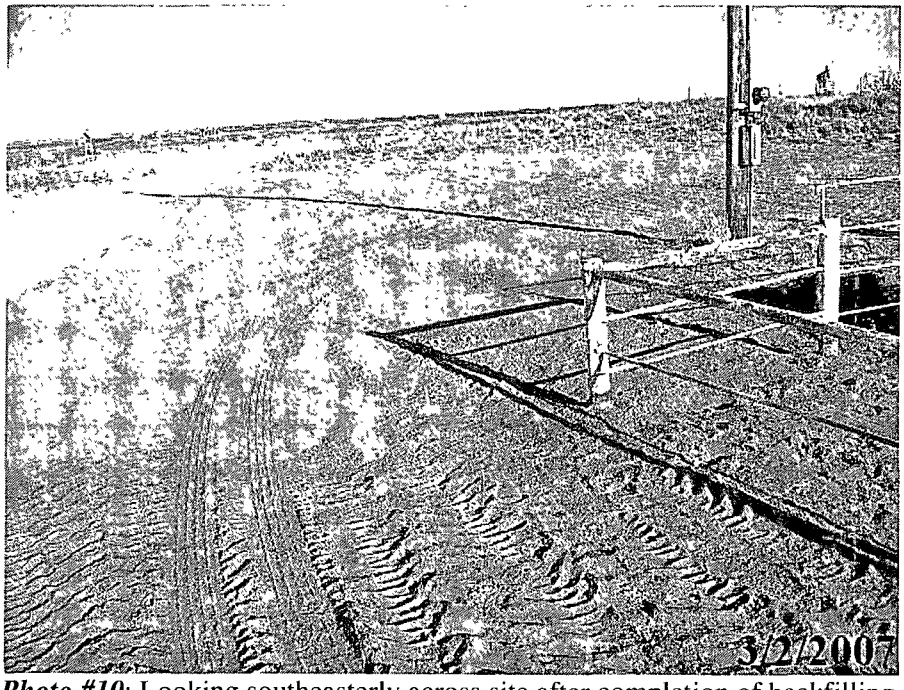

Photo #10: Looking southeasterly across site after completion of backfilling.

APPENDIX III

COPY OF INITIAL NMOCD C-141 FORM

AND

FINAL NMOCD C-141 FORM

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 "INFORMATION ONLY NON-REPORTABLE" ☒ Initial Report ☐ Final Report

Name of Company	Contact
EOTT Energy Pipeline	Frank Hernandez
Address	**Telephone No.**
5805 East Highway 80 / P.O. Box 1660, Midland, TX 79703	915.638.3799
Facility Name	**Facility Type**
Eubanks Pump Suction Line #2002-10238	4" Crude Oil suction line on pump

Surface Owner	Mineral Owner	Lease No.
C.A. Bettis		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat.: 32°28'10.8"N Lon:103°08'43.9"W
A	22	21S	37E					

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Crude Oil	50 bbls	45 bbls
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery**
4" Steel Pipeline	Sometime before 9-4-02	9-4-02 1:00 PM
Was Immediate Notice Given?	**If YES, To Whom?**	
☒ Yes ☐ No ☐ Not Required	Paul Sheeley, Hobbs NMOCD (9-12-02)	
By Whom?	**Date and Hour: NMOCD notified on 9-12-02 8:00 AM**	
Pat McCasland (Environmental Plus, Inc.)		
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.**	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
The cause of the release was internal/external corrosion. The line has been replaced. Contaminated soil is stockpiled on a plastic barrier on site awaiting remediation.

Describe Area Affected and Cleanup Action Taken.*
Spill Area = ~2,387 ft^2 50'X 50'. Near surface soil will be characterized in accordance with 40 CFR 261 and with NMOCD approval, disposed of in a NMOCD approved facility. The site will be delineated and remediated.

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: Frank Hernandez	**OIL CONSERVATION DIVISION** Verbal approval by
Printed Name: Frank Hernandez	Approved by District Supervisor: Johnson, Larry
Title: District Environmental Supervisor	Approval Date: 1/18/07 Expiration Date:
Date: September 12, 2002 Phone: 915.638.3799	Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Plains Pipeline	**Contact:** Camille Reynolds
Address: 3112 W. Hwy 82, Lovington, NM 88260	**Telephone No.:** (505) 396-3341
Facility Name: Eubanks Pump/Eubanks Suction Line	**Facility Type:** 4" Crude oil suction line on pump

Surface Owner: Charlie Bettis	**Mineral Owner:**	**Lease No.:** 1RP #1211

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	22	21	37					Lea

Latitude: N 32° 28' 10.8" **Longitude:** W 103° 08' 43.9"

NATURE OF RELEASE

Type of Release: Crude Oil	**Volume of Release:** 50 bbls	**Volume Recovered:** 45 bbls
Source of Release: 4" Steel Pipeline	**Date and Hour of Occurrence:** Prior to 4 September 2002	**Date and Hour of Discovery:** 4 September 2002 13:00-hrs
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?** Paul Sheeley, NMOCD-Hobbs	
By Whom? Pat McCasland, Environmental Plus, Inc.	**Date and Hour:** 12 September 2002 08:00 hrs	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse:** Not Applicable	

If a Watercourse was Impacted, Describe Fully.* Not Applicable

Describe Cause of Problem and Remedial Action Taken.* Internal/External corrosion of pipeline. Line was replaced.

Describe Area Affected and Cleanup Action Taken.* Approximately 858-cubic yards (total) of impacted soil was excavated from an area of approximately 2,115-ft2 to a maximum depth of 23-feet bgs. Impacted soil was transported to Plains- Lea Station Landfarm for treatment. NMOCD approval was granted to place a vertical liner to isolate impacted soils within excavation sidewalls underlying pump facility until decommissioning of the pump. Lining material consisted of 20-mil polyethylene placed along the north and west sidewalls of the pump facility. Site remedial goals: TPH-1,000 mg/Kg; BTEX-50mg/Kg; benzene-10 mg/Kg.

AUG 2007 Received Hobbs OCD

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: Camille Reynolds	OIL CONSERVATION DIVISION
Printed Name: Camille Reynolds	**Approved by District ~~Supervisor~~:** ENVIRO ENGR
Title: Remediation Coordinator	**Approval Date:** 8-28-07 **Expiration Date:** —
E-mail Address: cjreynolds@paalp.com	**Conditions of Approval:** — **Attached** ☐
Date: 8/16/07 **Phone:** (505) 396-3341	

*** Attach Additional Sheets If Necessary**