Soil Closure Compliance Report

Scharb to Vacuum - 4" Gathering
UL-N, SE ¼ of SW ¼ Section 33, Township 18 South, Range 35 East
Plains Pipeline SRS Number 2002-10128
Lea County, New Mexico

New Mexico Oil Conservation Division Number: 1534

Terracon Project Number: A4077048

November 12, 2007

Prepared for:

Plains Pipeline, L.P.
3112 West US Highway 82
Lovington, New Mexico 88260

Prepared by:

Terracon
Midland, Texas

November 12, 2007

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Plains Pipeline, L.P.
3112 West US Highway 82
Lovington, NM 88260
Attn: Ms. Camille Reynolds

Telephone: (505) 441-0965
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Re: Scharb to Vacuum - 4" Gathering
UL-N, SE ¼ of SW ¼ Section 33, Township 18 South, Range 35 East
Plains Pipeline SRS Number 2002-10128
Lea County, New Mexico
New Mexico Oil Conservation Division Number 1534
Terracon Project Number A4077048

Dear Ms. Reynolds:

Terracon is pleased to submit four copies of the Closure Compliance Report for the above referenced site.

We appreciate the opportunity to participate in the site remediation project at Scharb to Vacuum - 4" Gathering site for Plains Pipeline, L.P. Please contact either of the undersigned at (432) 684-9600 if you have questions regarding the information provided in the report.

Sincerely,

Terracon

Prepared by:

Catharine London, P.G.
Senior Project Manager

Reviewed by:

Barrett W. Bole, P.G.
Operations Manager

Terracon

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1.0 INTRODUCTION

The Scharb to Vacuum - 4" Gathering crude oil release site is located approximately 19 miles west of Hobbs, in Lea County, New Mexico off of County Road 529. The leak site was located on property owned by the New Mexico State Land Trust with the surface rights currently leased for grazing.

The leak was discovered on April 23, 2002, with approximately 20 barrels of crude oil impacting the surrounding pastureland. At the time of the release, the pipeline was owned by EOTT Energy Partners, L. P. (EOTT). The crude oil release flowed in two directions on the surface: approximately 40 feet southwest, 225 feet northeast and was approximately 0.5 feet to 6 feet in depth. Upon discovery of the leak, EOTT dispatched a crew to the site which repaired the pipeline. From May 2, 2002 through May 9, 2002, Environmental Plus, Inc. (EPI) excavated the oil saturated topsoil and caliche and placed the excavated material on a plastic barrier surrounded by fencing adjacent to the excavated area.

A site investigation to delineate the vertical and horizontal extent of soil impact was conducted by EPI and included the installation of 13 soil borings and the collection of soil samples for laboratory analysis. Soil samples (SES5302BH1-5' through SES5302BH1-40'; SES5702BH2-5' through SES5702BH2-20'; SES5702BH3-5' through SES5702BH3-20'; SES5702BH4-5' and SES5702BH4-10'; SES5802BH5-5' through SES5802BH5-15'; SES5802BH6-5' through SES5802BH6-20'; SES5802BH7-5' and SES5802BH7-10'; SES5802BH8-5' through SES5802BH8-15'; SES5802BH9-5' through SES5802BH9-15'; SES5802BH10-5' through SES5802BH10-15'; SES5902BH11-5' through SES5902BH11-15'; SES5902BH12-5' through SES5902BH12-15', and SES5902BH13-5' through SES5902BH13-15') were collected at five foot intervals by EPI and analyzed for total petroleum hydrocarbons (TPH) as diesel and as gasoline by EPA Method 8015M and benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B.

In May 2002, TPH (as diesel) was detected in soil samples at concentrations ranging from below the laboratory reporting quantitation limit (RQL) (<5 milligrams per kilogram {mg/kg}) to 20,900 mg/kg. TPH (as gasoline) was detected in soil samples at concentrations ranging from below the RQL (<5

mg/kg) to 22,900 mg/kg. The highest concentrations of TPH occurred in soil samples collected near the pipeline leak approximately five feet below ground surface (bgs) in samples SES5302BH-1 and SES5702BH-2.

BTEX constituents were detected in soil samples ranging from less than their respective RQLs (<0.02 mg/kg) to 531 mg/kg, in May 2002. Two of the soil samples (SES5302BH1-5' and SES5702BH3-5') reported concentrations of benzene that exceeded the NMOCD remediation limit of 10 mg/kg for benzene. Two soil samples (SESS5302BH1-5' and SES5702BH3-5') contained Total BTEX at a concentration of 1,410.7 mg/kg and 509.8 mg/kg, which exceeds the NMOCD remediation limit of 50 mg/kg for Total BTEX. Analytical results are presented as Table 1 in Appendix B. Laboratory reports are presented in Appendix C of this report.

Supplemental soil sampling of the previously excavated area was performed on June 1, 2007, by Mr. Brandon Wilson of Terracon. A backhoe was used to over excavate areas of the previous excavation for bottom soil confirmation sample collection (BH-1 through BH-6) at depths ranging from 1 to 7 feet bgs. Sample locations were selected based on previous excavation analytical results and areas selected to delineate the original excavation. Sidewall samples were collected from the north wall (NW-1 through NW-3), south wall (SW-1 through SW-3), the east wall (EW-1 and EW-2), and the west wall (WW-1 and WW-2) of the previously excavated area. With the exception of confirmation soil samples NW-2 and SW-2 which were collected at approximately 2 feet bgs, side wall soil samples were collected at approximately 3 feet bgs. These samples were analyzed for TPH using EPA Method 8015M and BTEX using EPA Method 8021B.

On June 1, 2007, two composite soil samples (SP-1 Sec. 1 and SP-2 Sec. 2) were collected from the soil previously stockpiled in May 2002. These samples were also analyzed for TPH (EPA Method 8015M) and BTEX (EPA Method 8021B). Upon completion of the June 1, 2007 activities, the excavated area measured approximately 175 feet in width, 200 feet in length and ranged from 1 foot to 7 feet bgs in depth.

Soil confirmation samples collected on June 1, 2007 from the over excavation activities at the former pipeline leak did not contain TPH exceeding the laboratory reporting limit of 10 mg/kg for TPH. BTEX constituents were not detected in any of the soil confirmation samples collected from the excavation exceeding their respective laboratory reporting limits (<0.002 mg/kg). The soil samples collected from the excavation soil stockpile SP-1 (Sec. 1) and SP-2 (Sec. 2) contained TPH at 893 mg/kg and 835 mg/kg, respectively; however, these concentrations did not exceed the site specific NMOCD Remediation Limit of 1,000 mg/kg for TPH. BTEX constituents were not detected in SP-1 (Sec. 1) or SP-2 (Sec. 2) exceeding their respective laboratory reporting limits of 0.025 mg/kg.

1.1 Site Description

Site Name	Scharb to Vacuum - 4" Gathering
Site Location/GPS	Approximately 19 miles west of Hobbs, Lea County, New Mexico off County Road 529, 32° 41' 54.45927" N, 103° 27' 52.93973" W.
General Site Description	The immediate area surrounding the pipeline right-of-way in native pasture land.

A topographic map is included as Figure 1, a site plan and confirmation sample location map (May 2002) is included as Figure 2 and site plan and confirmation sample location map (June 1, 2007) is included as Figure 3 of Appendix A.

1.2 Scope of Services

The Scope of Services for Terracon as requested by Plains Pipeline included:

- Initially backfilling the excavation with the stockpiled rocks and caliche at the site, followed by;
- Covering the rocks and caliche with stockpiled soils blended with ambient soil in the excavation area to natural grade; and
- Submittal of a Soil Closure Compliance Report detailing field activities, site maps and photographs.

1.3 Regulatory Framework

Crude oil facilities in New Mexico are generally regulated by the NMOCD. Contamination of soil due to a surface release of crude oil is addressed within a NMOCD guideline titled *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993.

Soils which are impacted by petroleum constituents are scored according to the ranking criteria to determine their relative threat to public health, fresh water, and the environment. Such limits are

defined by the depth to groundwater, wellhead protection area, and distance to surface water. Based on these ranking criteria, the remediation action level at this site is as follows:

Depth to Ground Water	>50 feet	Ranking Score = 10

(As defined as vertical distance from lowermost contaminants to seasonal high water level). Groundwater was not encountered during excavation activities; soil samples were collected as deep as forty feet bgs in May 2002. According to information obtained from the New Mexico Tech groundwater database groundwater at the site is approximately 60 feet bgs.

Wellhead Protection Area	>1000' to water source >200' to domestic well	Ranking Score = 0
Distance to Surface Water	>1000 horizontal feet	Ranking Score = 0
		Total Ranking Score = 10

Based on total ranking criteria of 10, the remediation levels are as follows:

Benzene = 10 ppm
BTEX = 50 ppm
TPH = 1,000 ppm

1.4 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report.

1.5 Additional Scope Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this remediation activities. Subsurface

conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.6 Reliance

This report has been prepared for the exclusive use of Plains Pipeline, LP, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Plains Pipeline, LP and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in this report, and Terracon's Terms and Conditions. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

2.0 FIELD ACTIVITIES

2.1 Backfilling Activities

All of the rock stockpile was used to backfill the excavation and approximately 1,500 cubic yards of remediated soils from the previous land treatment area were used to backfill the excavation, as near as possible to the natural grade of the surrounding area on October 23, 2007 though October 30, 2007. Photographs of the site activities are provided in Appendix C.

3.0 FINDINGS AND CONCLUSIONS

Backfilling activities were conducted in accordance with the NMOCD approved soil closure plan. Terracon respectfully submits this closure compliance report to Plains as documentation of the site soil closure activities. Based on the results of previous field activities and laboratory analyses, conducted by other consulting firms, the New Mexico State Land Office approved backfilling activities. Terracon recommends that Plains submit this report to the New Mexico State Land Office and the NMOCD as documentation that remediation was completed to NMOCD standards and further recommends Plains requests a "no further action" letter for the site soils.

DISTRIBUTION

Copy 1:
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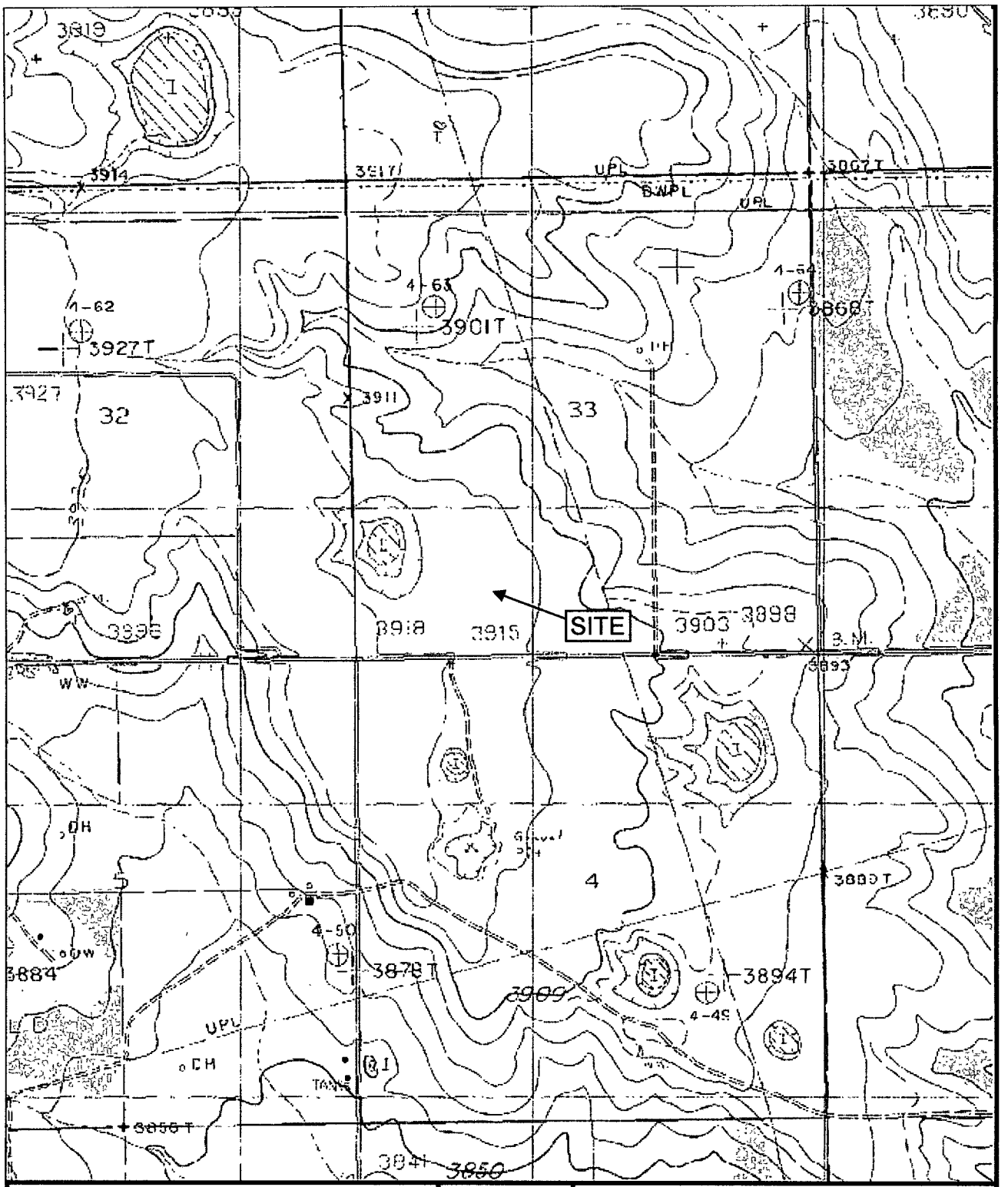
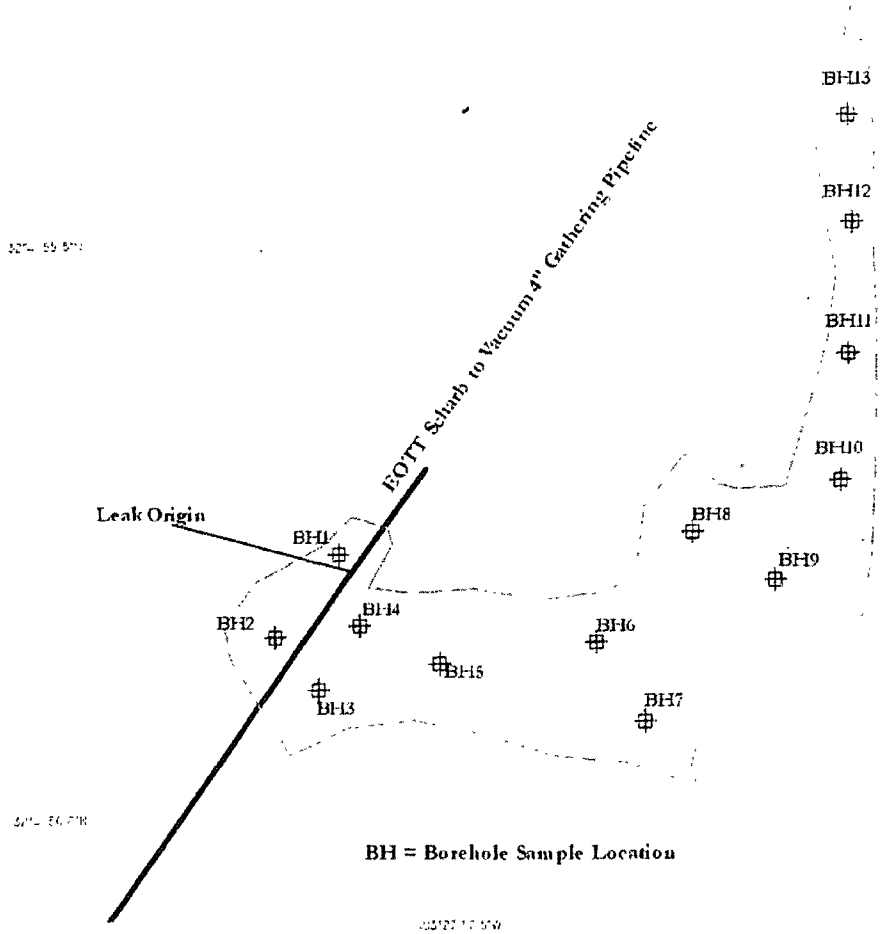
APPENDIX A

Figure 1 – Topographic Map
Figure 2 – Site Plan and Confirmation Sample Location Map (May 2002)
Figure 3 – Site Plan and Confirmation Sample Location Map (June 1, 2007)



USGS TOPOGRAPHIC QUADRANGLE MAP Ironhouse Draw, New Mexico Dated 1985 SCALE: 1" = 24,000'	Terracon	**Scharb to Vacuum - 4" Gathering** UL - N, Section 33, T 18 S, R 35 E 19 Miles West of Hobbs, NM Hobbs, Lea County, New Mexico
PROJECT NO. A4077048		**FIGURE 1: TOPOGRAPHIC MAP**



EOTT ENERGY
PIPELINE
SCHARB TO
VACUUM 4"
GATHERING
#2002-10128
UL-N SEC 33
T18S R35E
AFFECTED AREA
~9,777 SQFT

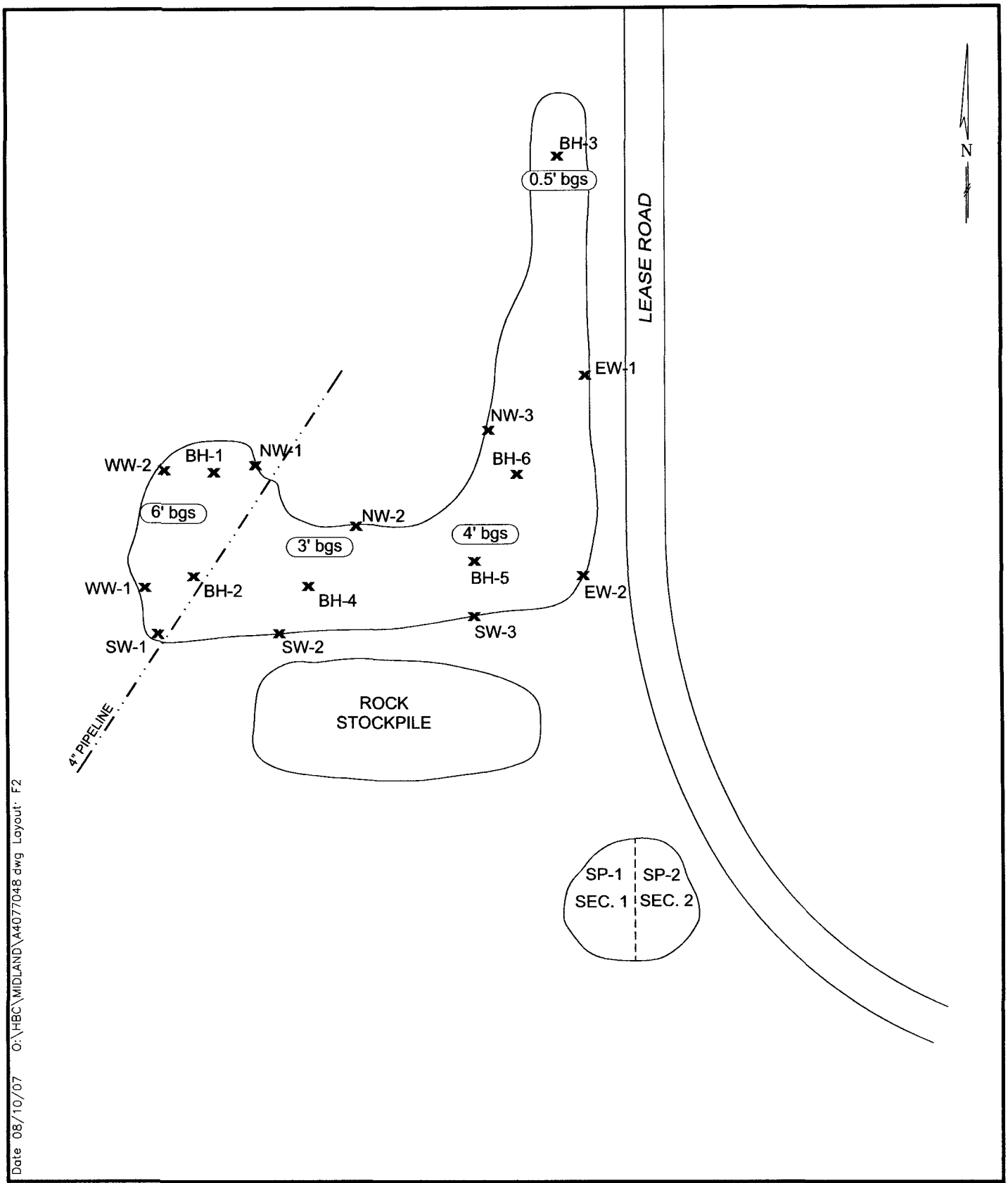
N

SCALE : 1" = 50.00'

FEET

Figure 2 - Site Plan and Confirmation Sample Location Map (May 2002)

Scharb to Vacuum - 4" Gathering
UL - N, Section 33, T 18 S, R 35 E
19 Miles West of Hobbs, NM
Hobbs, Lea County, NM
Prepared by Environmental Plus, Inc. (EPI)



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THIS DRAWING SHOULD NOT BE USED SEPARATELY FROM ORIGINAL REPORT.

0 25 50 FEET
APPROXIMATE SCALE

PLAINS PIPELINE, L.P.
SCHARB TO VACUUM-4" GATHERING
EMS#2002-10128
HOBBS, LEA COUNTY, NEW MEXICO

Terracon **Project No.: A4077048**

FIGURE 3: SITE PLAN AND CONFIRMATION SAMPLE LOCATION (JUNE 2007)

APPENDIX B

Tables

TABLE 1

SUMMARY OF SOIL BTEX AND TPH ANALYTICAL RESULTS
Scharb to Vacuum - 4" Pipeline Leak
Hobbs, Lea County, New Mexico
Plains Pipeline, L. P. EMS Number 2002-10128
Terracon Project Number A4077048

(all concentrations are in milligrams per kilogram)

Sample ID	Sample Date	Sample Depth	Soil Status	BTEX EPA Method 8021B						Total Petroleum Hydrocarbons EPA Method 8015M		Total Petroleum Hydrocarbons EPA Method 8015M			
				Benzene	Toluene	Ethylbenzene	Xylene (p/m)	Xylene (o)	Total BTEX	TPH by GC (as diesel)	TPH by GC (as gaasoline)	Carbon Ranges C_6 - C_{12}	Carbon Ranges C_{12} - C_{28}	Carbon Ranges C_{28} - C_{35}	Total Hydrocarbons
SES5302BH1-5'	05/03/02	5'	In-Situ	**62.7**	453	194	531	170	**1,410.7**	20,900	22,900	na	na	na	na
SES5302BH1-10'	05/03/02	10'	In-Situ	<0.02	0 471	0.647	2 08	0 765	3.963	78.9	50 8	na	na	na	na
SES5302BH1-15'	05/03/02	15'	In-Situ	<0.02	<0 02	<0.02	0.0737	0.0364	0 1101	105	23.6	na	na	na	na
SES5302BH1-20'	05/03/02	20'	In-Situ	<0 02	0 026	0 0675	0.284	0 125	0 5025	157	27 5	na	na	na	na
SES5302BH1-25'	05/03/02	25'	In-Situ	<0.02	0 394	0.726	2 4	0.948	4.468	798	359	na	na	na	na
SES5302BH1-30'	05/03/02	30'	In-Situ	<0 02	0 0426	0.219	0.892	0 379	1 5326	953	336	na	na	na	na
SES5302BH1-35'	05/03/02	35'	In-Situ	<0 02	<0.02	<0.02	<0 02	<0 02	<0.02	15.2	<5	na	na	na	na
SES5302BH1-40'	05/03/02	40'	In-Situ	<0 02	0.0408	0.0801	0 292	0 12	0 5329	168	43.2	na	na	na	na
SES5702BH2-5'	05/07/02	5'	In-Situ	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	78.6	<5	na	na	na	na
SES5702BH2-10'	05/07/02	10'	In-Situ	<0 02	<0 02	<0.02	<0.02	<0 02	<0.02	<5	<5	na	na	na	na
SES5702BH2-15'	05/07/02	15'	In-Situ	<0.02	<0.02	<0.02	<0.02	<0.02	<0 02	<5	<5	na	na	na	na
SES5702BH2-20'	05/07/02	20'	In-Situ	<0.02	<0 02	<0.02	<0.02	<0 02	<0.02	<5	<5	na	na	na	na
SES5702BH3-5'	05/07/02	5'	In-Situ	**13.6**	150	72	210	64 2	**509.8**	5,330	7,610	na	na	na	na
SES5702BH3-10'	05/07/02	10'	In-Situ	<0 02	<0 02	<0.02	<0 02	<0.02	<0.02	7 24	<5	na	na	na	na
SES5702BH3-15'	05/07/02	15'	In-Situ	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<5	<5	na	na	na	na
SES5702BH3-20'	05/07/02	20'	In-Situ	<0 02	<0 02	<0.02	<0 02	<0.02	<0.02	<5	<5	na	na	na	na
SES5702BH4-5'	05/07/02	5'	In-Situ	<0.02	0.153	0 207	0.667	0.241	1 268	6.78	<5	na	na	na	na
SES5702BH4-10'	05/07/02	10'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0.02	<0 02	47.1	>5	na	na	na	na
SES5802BH5-5'	05/08/02	5	In-Situ	<0.02	<0.02	<0.02	<0 02	<0 02	<0.02	23.2	>5	na	na	na	na
SES5802BH5-10'	05/08/02	10'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0 02	<0.02	67.9	5.6	na	na	na	na
SES5802BH5-15'	05/08/02	15'	In-Situ	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	6.37	<5	na	na	na	na
SES5802BH6-5'	05/08/02	5'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH6-10'	05/08/02	10'	In-Situ	<0.02	<0.02	<0 02	0.0245	<0.02	0 0245	136	31.4	na	na	na	na
SES5802BH6-15'	05/08/02	15'	In-Situ	<0.02	<0.02	<0.02	0 0311	<0 02	0 0311	35.6	<5	na	na	na	na
SES5802BH6-20'	05/08/02	20'	In-Situ	<0.02	<0.02	<0.02	<0.02	<0 02	<0.02	<5	<5	na	na	na	na
SES5802BH7-5'	05/08/02	5'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH7-10'	05/08/02	10'	In-Situ	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH8-5'	05/08/02	5'	In-Situ	<0.02	<0.02	<0 02	<0 02	<0.02	<0 02	<5	<5	na	na	na	na
SES5802BH8-10'	05/08/02	10'	In-Situ	<0.02	<0.02	<0 02	<0.02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH8-15'	05/08/02	15'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH9-5'	05/08/02	5'	In-Situ	<0.02	<0.02	<0 02	<0.02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH9-10'	05/08/02	10'	In-Situ	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH9-15'	05/08/02	15'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH10-5'	05/08/02	5'	In-Situ	<0 02	<0.02	<0.02	<0.02	<0.02	<0.02	36 9	<5	na	na	na	na
SES5802BH10-10'	05/08/02	10'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0.02	<0.02	<5	<5	na	na	na	na
SES5802BH10-15'	05/08/02	15'	In-Situ	<0 02	<0.02	<0.02	<0.02	<0.02	<0.02	21.1	<5	na	na	na	na
SES5902BH11-5'	05/09/02	5'	In-Situ	<0 02	<0 02	<0.02	<0.02	<0.02	<0.02	<5	<5	na	na	na	na
SES5902BH11-10'	05/09/02	10'	In-Situ	<0.02	<0.02	<0 02	<0.02	<0 02	<0.02	<5	<5	na	na	na	na
SES5902BH11-15'	05/09/02	15'	In-Situ	<0 02	<0 02	<0.02	<0 02	<0.02	<0.02	5 46	<5	na	na	na	na
SES5902BH12-5'	05/09/02	5'	In-Situ	<0 02	<0 02	<0 02	<0 02	<0 02	<0.02	<5	<5	na	na	na	na

*Prepared by/date*_____
*Checked by/date*_____

TABLE 1

SUMMARY OF SOIL BTEX AND TPH ANALYTICAL RESULTS
Scharb to Vacuum - 4" Pipeline Leak
Hobbs, Lea County, New Mexico
Plains Pipeline, L. P. EMS Number 2002-10128
Terracon Project Number A4077048

(all concentrations are in milligrams per kilogram)

Sample ID	Sample Date	Sample Depth	Soil Status	BTEX EPA Method 8021B						Total Petroleum Hydrocarbons EPA Method 8015M		Total Petroleum Hydrocarbons EPA Method 8015M			
				Benzene	Toluene	Ethylbenzene	Xylene (p/m)	Xylene (o)	Total BTEX	TPH by GC (as diesel)	TPH by GC (as gaasoline)	Carbon Ranges C_6 - C_{12}	Carbon Ranges C_{12} - C_{28}	Carbon Ranges C_{28} - C_{35}	Total Hydrocarbons
SES5902BH12-10'	05/09/02	10'	In-Situ	<0 02	<0 02	<0 02	<0 02	<0.02	<0 02	<5	<5	na	na	na	na
SES5902BH12-15'	05/09/02	15'	In-Situ	<0.02	<0 02	<0.02	<0.02	<0.02	<0 02	<5	<5	na	na	na	na
SES5902BH13-5'	05/09/02	5'	In-Situ	<0.02	<0 02	<0.02	<0.02	<0.02	<0 02	<5	<5	na	na	na	na
SES5902BH13-10'	05/09/02	10'	In-Situ	<0.02	<0.02	<0.02	<0 02	<0 02	<0.02	<5	<5	na	na	na	na
SES5902BH13-15'	05/09/02	15'	In-Situ	<0 02	<0.02	<0.02	<0 02	<0.02	<0.02	<5	<5	na	na	na	na
BH-1	06/01/07	7'	In-Situ	<0.002	<0.002	<0.002	<0 002	<0.002	<0 02	na	na	<10	<10	<10	<10
BH-2	06/01/07	7'	In-Situ	<0.002	<0.002	<0.002	<0.002	<0.002	<0.02	na	na	<10	<10	<10	<10
BH-3	06/01/07	1'	In-Situ	<0.002	<0.002	<0.002	<0.002	<0 002	<0 02	na	na	<10	<10	<10	<10
BH-4	06/01/07	4.5'	In-Situ	<0 002	<0.002	<0.002	<0.002	<0.002	<0.02	na	na	<10	<10	<10	<10
BH-5	06/01/07	5.5'	In-Situ	<0.002	<0 002	<0.002	<0 002	<0 002	<0.02	na	na	<10	<10	<10	<10
BH-6	06/01/07	5'	In-Situ	<0 002	<0.002	<0.002	<0 002	<0 002	<0.02	na	na	<10	<10	<10	<10
WW-1	06/01/07	3'	In-Situ	<0.002	<0 002	<0 002	<0.002	<0.002	<0.02	na	na	<10	<10	<10	<10
WW-2	06/01/07	3'	In-Situ	<0.002	<0.002	<0.002	<0.002	<0 002	<0.02	na	na	<10	<10	<10	<10
SW-1	06/01/07	3'	In-Situ	<0.002	<0 002	<0 002	<0.002	<0.002	<0.02	na	na	<10	<10	<10	<10
SW-2	06/01/07	2'	In-Situ	<0.002	<0.002	<0.002	<0 002	<0 002	<0.02	na	na	<10	<10	<10	<10
SW-3	06/01/07	3'	In-Situ	<0.002	<0.002	<0 002	<0.002	<0.002	<0.02	na	na	<10	<10	<10	<10
NW-1	06/01/07	3'	In-Situ	<0.002	<0.002	<0.002	<0 002	<0 002	<0 02	na	na	<10	<10	<10	<10
NW-2	06/01/07	2'	In-Situ	<0 002	<0.002	<0.002	<0.002	<0.002	<0.02	na	na	<10	<10	<10	<10
NW-3	06/01/07	3'	In-Situ	<0 002	<0 002	<0 002	<0 002	<0 002	<0.02	na	na	<10	<10	<10	<10
EW-1	06/01/07	3'	In-Situ	<0 002	<0.002	<0.002	<0.002	<0.002	<0.02	na	na	<10	<10	<10	<10
EW-2	06/01/07	3'	In-Situ	<0.002	<0 002	<0.002	<0.002	<0.002	<0 02	na	na	<10	<10	<10	<10
SP-1 (Sec 1)	06/01/07	Grab	Grab	<0 025	<0.025	<0.025	<0 025	<0 025	<0 025	na	na	16 4	706	171	893
SP-2 (Sec.2)	06/01/07	Grab	Grab	<0 025	<0.025	<0.025	<0 025	<0.025	<0.025	na	na	19.9	654	160	835
NMOCD Remediation Limits				**10**					**50**						**1,000**

EPA - United States Environmental Protection Agency
NMOCD - New Mexico Oil Conservation Division
na - Sample not analyzed for this consitiuent
Soil Remediation Limits were determined using the NMOCD Guidelines for Remediation of Leaks, Spills and Releases dated August 13, 1993
Notes: The bottom of the original excavation in 2002 ranged to 0.5' to 6' bgs In June 2007, a backhoe was utilized to dig below the original excavation floor to collect confirmation samples
Soil Samples SP-1 (Sec. 1) and SP-2 (Sec.2) were collected from the stock pile soils derived from the 2002 excavation

*Prepared by/date*_____
*Checked by/date*_____

APPENDIX C

Laboratory Data Sheets

Sample Analysis Case Narrative & Exceptions Report

Client: Environmental Plus, Inc. **Project ID:** 2002-1012B Schrab to Lynch

Attn: Pat McCasland

for Sample #'s 129265 thru 129309

Analyzed by AnalySys, Inc.

Final Review Date: 5/16/02 By: R.J. Laster (R.J. Laster)

OTHER: Sample 129306 was received broken but was contained inside a plastic bag. Analyzed per Cody Miller.

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129265 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 12:39

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)	20900	mg/Kg	500	<500	05/14/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	22900	mg/Kg	500	<500	05/14/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	62700	µg/Kg	1000	<1000	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	194000	µg/Kg	1000	<1000	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	531000	µg/Kg	1000	<1000	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	170000	µg/Kg	1000	<1000	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	453000	µg/Kg	1000	<1000	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129265
Attn: Pat McCasland	**Sample Name:** SES5302BH1-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 50X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 50X	D
Toluene-d8	8260b	none/diluted	diluted @ 50X	D

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

Exceptions Report:

Report #/Lab ID#: 129265 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-5'

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
1,2-Dichloroethane-d4	D	levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
Nitrobenzene-d5	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.
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
Toluene-d8	D	levels). Surrogate recoveries not accurately quantifiable.

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129266 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 12:54

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)	78.9	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	50.8	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	647	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	2080	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	765	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	471	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129266
Attn: Pat McCasland	**Sample Name:** SES5302BH1-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	96.1	50-150	---
p-Terphenyl	8015 mod.	100	50-150	---
1,2-Dichloroethane-d4	8260b	86.5	65-115	---
Toluene-d8	8260b	76.7	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129267 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 14:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	105	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	23.6	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	J	0.6	102.7	104.3	107.5
m,p-Xylenes	73.7	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	36.4	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	J	1.6	100.9	96.7	91

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129267
Attn: Pat McCasland	**Sample Name:** SES5302BH1-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	103	50-150	---
p-Terphenyl	8015 mod.	149	50-150	---
1,2-Dichloroethane-d4	8260b	78.5	65-115	---
Toluene-d8	8260b	87.4	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129267 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-15'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS inc.

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Address: 1324 M.St Po Box
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 129268 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-20'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 14:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	157	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	27.5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	67.5	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	284	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	128	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	26	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129268
Attn: Pat McCasland	**Sample Name:** SES5302BH1-20'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	93.3	50-150	---
p-Terphenyl	8015 mod.	115	50-150	---
1,2-Dichloroethane-d4	8260b	86.5	65-115	---
Toluene-d8	8260b	90.2	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129269 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-25'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 15:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	798	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	359	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	726	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	2400	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	948	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	394	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2002-10128 Schrab to Lynch **Sample Name:** SES5302BH1-25'	**Report#/Lab ID#:** 129269 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	73.9	50-150	---
p-Terphenyl	8015 mod.	102	50-150	---
1,2-Dichloroethane-d4	8260b	82	65-115	---
Toluene-d8	8260b	86.2	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129270 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-30'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 15:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	953	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	336	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	219	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	892	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	379	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	42.6	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129270
Attn: Pat McCasland	**Sample Name:** SES5302BH1-30'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	74.6	50-150	---
p-Terphenyl	8015 mod.	101	50-150	---
1,2-Dichloroethane-d4	8260b	79.8	65-115	---
Toluene-d8	8260b	92.3	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129271 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5302BH1-35'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 16:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	15.2	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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. **Attn:** Pat McCasland	**Project ID:** 2002-10128 Schrab to Lynch **Sample Name:** SES5302BH1-35'	**Report#/Lab ID#:** 129271 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	89.5	50-150	---
p-Terphenyl	8015 mod.	88.5	50-150	---
1,2-Dichloroethane-d4	8260b	90	65-115	---
Toluene-d8	8260b	87.1	50-120	---

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

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129272 **Report Date:** 05/15/02
Project ID: 2002-10128 Schreb to Lynch
Sample Name: SES5302BH1-40'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/03/2002 **Time:** 16:53

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)	168	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	43.2	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	80.1	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	292	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	120	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	40.8	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schreb to Lynch	**Report#/Lab ID#:** 129272
Attn: Pat McCasland	**Sample Name:** SES5302BH1-40'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	102	50-150	---
p-Terphenyl	8015 mod.	96.1	50-150	---
1,2-Dichloroethane-d4	8260b	97.6	65-115	---
Toluene-d8	8260b	84.5	50-120	---

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

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129273 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH2-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 09:15

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)	78.6	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129273
Attn: Pat McCasland	**Sample Name:** SES5702BH2-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	97.9	50-150	---
p-Terphenyl	8015 mod.	121	50-150	---
1,2-Dichloroethane-d4	8260b	91.6	65-115	---
Toluene-d8	8260b	94.4	50-120	---

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

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129274 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH2-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 09:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129274
Attn: Pat McCasland	**Sample Name:** SES5702BH2-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	114	50-150	---
p-Terphenyl	8015 mod.	110	50-150	---
1,2-Dichloroethane-d4	8260b	91.4	65-115	---
Toluene-d8	8260b	91	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129275 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH2-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 10:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129275
Attn: Pat McCasland	**Sample Name:** SES5702BH2-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	109	50-150	---
p-Terphenyl	8015 mod.	87.1	50-150	---
1,2-Dichloroethane-d4	8260b	104	65-115	---
Toluene-d8	8260b	89	50-120	---

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129276 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH2-20'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 10:40

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)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129276
Attn: Pat McCasland	**Sample Name:** SES5702BH2-20'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	108	50-150	---
p-Terphenyl	8015 mod.	87.3	50-150	---
1,2-Dichloroethane-d4	8260b	92.1	65-115	---
Toluene-d8	8260b	87.1	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129277 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH3-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 11:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	5330	mg/Kg	50	<50	05/14/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	7610	mg/Kg	50	<50	05/14/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	13600	µg/Kg	1000	<1000	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	72000	µg/Kg	1000	<1000	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	210000	µg/Kg	1000	<1000	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	64200	µg/Kg	1000	<1000	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	150000	µg/Kg	1000	<1000	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

Respectfully Submitted,

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Richard Laster

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Exceptions Report:

Report #/Lab ID#: 129277 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH3-5'

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-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.
Nitrobenzene-d5 Nitrobenzene-d5	D D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
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:

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129278 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH3-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 12:25

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)	7.24	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129278
Attn: Pat McCasland	**Sample Name:** SES5702BH3-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	113	50-150	---
p-Terphenyl	8015 mod.	91.7	50-150	---
1,2-Dichloroethane-d4	8260b	104	65-115	---
Toluene-d8	8260b	97.4	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129279 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH3-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **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)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129279
Attn: Pat McCasland	**Sample Name:** SES5702BH3-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	104	50-150	---
p-Terphenyl	8015 mod.	81.3	50-150	---
1,2-Dichloroethane-d4	8260b	103	65-115	---
Toluene-d8	8260b	102	50-120	---

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: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129280 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH3-20'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 14:35

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)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129280
Attn: Pat McCasland	**Sample Name:** SES5702BH3-20'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	123	50-150	---
p-Terphenyl	8015 mod.	104	50-150	---
1,2-Dichloroethane-d4	8260b	87.9	65-115	---
Toluene-d8	8260b	100	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129281 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH4-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 15:35

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)	6.78	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	J	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	207	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	667	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	241	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	153	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129281
Attn: Pat McCasland	**Sample Name:** SES5702BH4-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	108	50-150	---
p-Terphenyl	8015 mod.	100	50-150	---
1,2-Dichloroethane-d4	8260b	90.6	65-115	---
Toluene-d8	8260b	93.3	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129281 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH4-5'

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129282 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH4-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/07/2002 **Time:** 16:00

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)	47.1	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	J	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	J	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129282
Attn: Pat McCasland	**Sample Name:** SES5702BH4-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	115	50-150	---
p-Terphenyl	8015 mod.	112	50-150	---
1,2-Dichloroethane-d4	8260b	96.6	65-115	---
Toluene-d8	8260b	103	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129282 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5702BH4-10'

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 gasoline)	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes: _____

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129283 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH5-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 07:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
TPH by GC (as diesel)	23.2	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129283
Attn: Pat McCasland	**Sample Name:** SES5802BH5-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	102	50-150	---
p-Terphenyl	8015 mod.	116	50-150	---
1,2-Dichloroethane-d4	8260b	95.4	65-115	---
Toluene-d8	8260b	100	50-120	---

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: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129284 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH5-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 08:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	67.9	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	5.6	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	J	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129284
Attn: Pat McCasland	**Sample Name:** SES5802BH5-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	116	50-150	---
p-Terphenyl	8015 mod.	115	50-150	---
1,2-Dichloroethane-d4	8260b	94.8	65-115	---
Toluene-d8	8260b	102	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129284 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH5-10'

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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

Report#/Lab ID#: 129285 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH5-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 08:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	6.37	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129285
Attn: Pat McCasland	**Sample Name:** SES5802BH5-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	110	50-150	---
p-Terphenyl	8015 mod.	91	50-150	---
1,2-Dichloroethane-d4	8260b	99.8	65-115	---
Toluene-d8	8260b	100	50-120	---

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#: 129286 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH6-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 08:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129286
Attn: Pat McCasland	**Sample Name:** SES5802BH6-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	106	50-150	---
p-Terphenyl	8015 mod.	85.5	50-150	---
1,2-Dichloroethane-d4	8260b	90.1	65-115	---
Toluene-d8	8260b	95.6	50-120	---

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

AnalySys Inc.

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129287 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH6-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 09:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
TPH by GC (as diesel)	136	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	31.4	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	24.5	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	J	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS inc.

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

Client: Environmental Plus, Inc. **Attn:** Pat McCasland	**Project ID:** 2002-10128 Schrab to Lynch **Sample Name:** SES5802BH6-10'	**Report#/Lab ID#:** 129287 **Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	90.9	50-150	---
p-Terphenyl	8015 mod.	91.1	50-150	---
1,2-Dichloroethane-d4	8260b	87	65-115	---
Toluene-d8	8260b	97.8	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129287 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH6-10'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

AnalySys Inc.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129288 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH6-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 09:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	35.6	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	J	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	31.1	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	J	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129288
Attn: Pat McCasland	**Sample Name:** SES5802BH6-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	104	50-150	---
p-Terphenyl	8015 mod.	125	50-150	---
1,2-Dichloroethane-d4	8260b	96.1	65-115	---
Toluene-d8	8260b	98.4	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129288 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH6-15'

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129289 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH6-20'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 09:35

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)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129289
Attn: Pat McCasland	**Sample Name:** SES5802BH6-20'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	117	50-150	---
p-Terphenyl	8015 mod.	94.5	50-150	---
1,2-Dichloroethane-d4	8260b	105	65-115	---
Toluene-d8	8260b	96.8	50-120	---

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

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Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129290 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH7-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 10:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129290
Attn: Pat McCasland	**Sample Name:** SES5802BH7-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	116	50-150	---
p-Terphenyl	8015 mod.	97.6	50-150	---
1,2-Dichloroethane-d4	8260b	89.2	65-115	---
Toluene-d8	8260b	95.6	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129291 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH7-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 10:25

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)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129291
Attn: Pat McCasland	**Sample Name:** SES5802BH7-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	125	50-150	---
p-Terphenyl	8015 mod.	98	50-150	---
1,2-Dichloroethane-d4	8260b	94.3	65-115	---
Toluene-d8	8260b	105	50-120	---

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

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Address: 1324 M.St Po Box
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Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 129292 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH8-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129292
Attn: Pat McCasland	**Sample Name:** SES5802BH8-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	111	50-150	---
p-Terphenyl	8015 mod.	89.5	50-150	---
1,2-Dichloroethane-d4	8260b	100	65-115	---
Toluene-d8	8260b	103	50-120	---

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

ANALYSYS INC.

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129293 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH8-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 14:15

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)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.9	87.7	93.6	95.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129294 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH8-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.6	94	101.6	105.1

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

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129294
Attn: Pat McCasland	**Sample Name:** SES5802BH8-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	132	50-150	---
p-Terphenyl	8015 mod.	109	50-150	---
1,2-Dichloroethane-d4	8260b	78.1	65-115	---
Toluene-d8	8260b	85.5	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129295 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH9-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 15:00

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)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	J	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.6	94	101.6	105.1

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Exceptions Report:

Report #/Lab ID#: 129295 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH9-5'

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129296 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH9-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 15:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/14/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/14/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/14/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/14/02	8260b	---	0.6	94	101.6	105.1

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

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4221 Freidrich Lane,Suite 190, Austin, TX 78744 &
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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129296
Attn: Pat McCasland	**Sample Name:** SES5802BH9-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	119	50-150	---
p-Terphenyl	8015 mod.	91.3	50-150	---
1,2-Dichloroethane-d4	8260b	103	65-115	---
Toluene-d8	8260b	100	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129297 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH9-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 15:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129297
Attn: Pat McCasland	**Sample Name:** SES5802BH9-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	119	50-150	---
p-Terphenyl	8015 mod.	95.8	50-150	---
1,2-Dichloroethane-d4	8260b	102	65-115	---
Toluene-d8	8260b	104	50-120	---

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#: 129298 **Report Date:** 05/15/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH10-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 16:00

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)	36.9	mg/Kg	5	<5	05/14/02	8015 mod.	---	2.6	98.1	105.3	96.2
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/14/02	8015 mod.	J	12.9	80.8	96.5	80.6
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129298
Attn: Pat McCasland	**Sample Name:** SES5802BH10-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	108	50-150	---
p-Terphenyl	8015 mod.	120	50-150	---
1,2-Dichloroethane-d4	8260b	109	65-115	---
Toluene-d8	8260b	96.9	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129298 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH10-5'

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129299 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH10-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 16:15

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)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129299
Attn: Pat McCasland	**Sample Name:** SES5802BH10-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	114	50-150	---
p-Terphenyl	8015 mod.	86.9	50-150	---
1,2-Dichloroethane-d4	8260b	92	65-115	---
Toluene-d8	8260b	100	50-120	---

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129300 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH10-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/08/2002 **Time:** 16:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	21.1	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	J	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	J	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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

Respectfully Submitted,

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129300
Attn: Pat McCasland	**Sample Name:** SES5802BH10-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	103	50-150	---
p-Terphenyl	8015 mod.	125	50-150	---
1,2-Dichloroethane-d4	8260b	93.7	65-115	---
Toluene-d8	8260b	89.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 129300 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5802BH10-15'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129301 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH11-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 07:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129301
Attn: Pat McCasland	**Sample Name:** SES5902BH11-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	123	50-150	---
p-Terphenyl	8015 mod.	90.6	50-150	---
1,2-Dichloroethane-d4	8260b	97	65-115	---
Toluene-d8	8260b	95.3	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129302 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH11-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 07:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129302
Attn: Pat McCasland	**Sample Name:** SES5902BH11-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	107	50-150	---
p-Terphenyl	8015 mod.	83.9	50-150	---
1,2-Dichloroethane-d4	8260b	94.2	65-115	---
Toluene-d8	8260b	91.7	50-120	---

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: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129303 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH11-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **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)	5.46	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129303
Attn: Pat McCasland	**Sample Name:** SES5902BH11-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	124	50-150	---
p-Terphenyl	8015 mod.	104	50-150	---
1,2-Dichloroethane-d4	8260b	106	65-115	---
Toluene-d8	8260b	103	50-120	---

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: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129304 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH12-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 08:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129304
Attn: Pat McCasland	**Sample Name:** SES5902BH12-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	121	50-150	---
p-Terphenyl	8015 mod.	86.7	50-150	---
1,2-Dichloroethane-d4	8260b	88.2	65-115	---
Toluene-d8	8260b	100	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129305 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH12-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS Inc.

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

Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129305
Attn: Pat McCasland	**Sample Name:** SES5902BH12-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	117	50-150	---
p-Terphenyl	8015 mod.	82.9	50-150	---
1,2-Dichloroethane-d4	8260b	106	65-115	---
Toluene-d8	8260b	104	50-120	---

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

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129306 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH12-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 09:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	J	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Exceptions Report:

Report #/Lab ID#: 129306 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH12-15'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

AnalySys Inc.

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129307 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH13-5'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 09:35

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)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Richard Laster

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129307
Attn: Pat McCasland	**Sample Name:** SES5902BH13-5'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	110	50-150	---
p-Terphenyl	8015 mod.	89.2	50-150	---
1,2-Dichloroethane-d4	8260b	109	65-115	---
Toluene-d8	8260b	93.8	50-120	---

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

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Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129308 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH13-10'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 09:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129308
Attn: Pat McCasland	**Sample Name:** SES5902BH13-10'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	95.7	50-150	---
p-Terphenyl	8015 mod.	88	50-150	---
1,2-Dichloroethane-d4	8260b	95.6	65-115	---
Toluene-d8	8260b	97.7	50-120	---

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: 1324 M.St Po Box
Eunice NM 88231

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

Report#/Lab ID#: 129309 **Report Date:** 05/16/02
Project ID: 2002-10128 Schrab to Lynch
Sample Name: SES5902BH13-15'
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:50
Date Sampled: 05/09/2002 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11	96.1	124.6	119.1
TPH by GC (as diesel-ext)	---	---	---	---	05/15/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/15/02	8015 mod.	---	11.4	92.1	105.5	91.7
Volatile organics-8260b/BTEX	---		---		05/15/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.4	81	88.8	90
Ethylbenzene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.3	101.1	106.9	106.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/15/02	8260b	---	2.1	108.1	116.2	115.5
o-Xylene	<20	µg/Kg	20	<20	05/15/02	8260b	---	1.2	103.2	110.9	112
Toluene	<20	µg/Kg	20	<20	05/15/02	8260b	---	0.6	94	101.6	105.1

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Plus, Inc.	**Project ID:** 2002-10128 Schrab to Lynch	**Report#/Lab ID#:** 129309
Attn: Pat McCasland	**Sample Name:** SES5902BH13-15'	**Sample Matrix:** soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	117	50-150	---
p-Terphenyl	8015 mod.	90.5	50-150	---
1,2-Dichloroethane-d4	8260b	106	65-115	---
Toluene-d8	8260b	97.3	50-120	---

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name Environmental Plus
Address 2100 AVE O
City Eunice State NM Zip 88231
ATTN: Pat McCasland
Phone 394-3481 Fax 394 2601

Bill to (if different):
Company Name EOH Energy
Address 5805 E HWY 80
City Midland State TX Zip 79701
ATTN: Frank Hernandez
Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 2002-10128 Sampler: Bradley Blair
School to lynch

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH 8015m	BTex 8021b	Comments
SES5302BH1-5'	5-3-02	12:39	1	X			129265	X	X	
SES5302BH1-10'	5-3-02	12:54	1	X			129266	X	X	
SES5302BH1-15'	5-3-02	2:05	1	X			129267	X	X	
SES5302BH1-20'	5-3-02	2:45	1	X			129268	X	X	
SES5302BH1-25'	5-3-02	3:10	1	X			129269	X	X	
SES5302BH1-30'	5-3-02	3:45	1	X			129270	X	X	
SES5302BH1-35'	5-3-02	4:20	1	X			129271	X	X	
SES5302BH1-40'	5-3-02	4:53	1	X			129272	X	X	

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

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[illegible]	EPI	5-3-02		Melanie Humphrey	ASI	5/10/02	1050

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

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name Environmental Plus
Address 2100 AVE O
City Eunice State NM Zip 88231
ATTN: Pat McCasland
Phone 394-3481 Fax 394 2601

Bill to (if different):
Company Name Exh Energy
Address 5805 E HWY 80
City Midland State TX Zip 79701
ATTN: Frank Hernandez
Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 2002-1028 Sampler: Bradley Blevins
Schrab to Lynch

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH 8015m	BTEX 8021b								Comments
SES5702BH2-5'	5-7-02	9:15	1	X			129273	X	X								
SES5702BH2-10'	5-7-02	9:45	1	X			129274	X	X								
SES5702BH2-15'	5-7-02	10:15	1	X			129275	X	X								
SES5702BH2-20'	5-7-02	10:40	1	X			129276	X	X								
SES5702BH3-5'	5-7-02	11:40	1	X			129277	X	X								
SES5702BH3-10'	5-7-02	12:25	1	X			129278	X	X								
SES5702BH3-15'	5-7-02	12:40	1	X			129279	X	X								
SES5702BH3-20'	5-7-02	2:35	1	X			129280	X	X								
SES5702BH4-5'	5-7-02	3:35	1	X			129281	X	X								
SES5702BH4-10'	5-7-02	4:00	1	X			129282	X	X								

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

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blevins	Environmental Plus	5-7-02	4:15	Melanie Humphrey	ASI	5/10/02	1050

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
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Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name Environmental Plus
Address 2100 Ave O
City Eunice State NM Zip 88231
ATTN: Pat McCasland
Phone 394-3481 Fax 394 2601

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

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 2002-10128 Sampler: Bradley Blum
Schrab to Lynch

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH 8015m	Btex 8021b								Comments
SES5802BH5-5'	5-8-02	7:51	1	X			129283	X	X								
SES5802BH5-10'	5-8-02	8:05	1	X			129284	X	X								
SES5802BH5-15'	5-8-02	8:20	1	X			129285	X	X								
SES5802BH6-5'	5-8-02	8:50	1	X			129286	X	X								
SES5802BH6-10'	5-8-02	9:05	1	X			129287	X	X								
SES5802BH6-15'	5-8-02	9:20	1	X			129288	X	X								
SES5802BH6-20'	5-8-02	9:35	1	X			129289	X	X								
SES5802BH7-5'	5-8-02	10:10	1	X			129290	X	X								
SES5802BH7-10'	5-8-02	10:25	1	X			129291	X	X								
SES5802BH8-5'	5-8-02	2:00	1	X			129292	X	X								

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

Temp: 0.0° C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
BR	EPI	5-8-02		Melonie	Humphrey ASI	5/10/02	1050

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name Environmental Plus
Address 2100 AVE O
City Eunice State NM Zip 88231
ATTN: Pat McCasland
Phone 394-3481 Fax 394 2601

Bill to (if different):
Company Name Exh Energy
Address 5805 E HWY 80
City Midland State TX Zip 79701
ATTN: Frank Hernandez
Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 2002-10128 Sampler: Bradley Blevins
SCHARR to Grace

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Analyses Requested (1) Please attach explanatory information as required: TPH 8015M / BTEX 8021B								Comments
SES5802BH8-10'	5-8-02	2:15	1	X			129293	X	X							
SES5802BH8-15'	5-8-02	2:30	1	X			129294	X	X							
SES5802BH9-5'	5-8-02	3:00	1	X			129295	X	X							
SES5802BH9-10'	5-8-02	3:10	1	X			129296	X	X							
SES5802BH9-15'	5-8-02	3:20	1	X			129297	X	X							
SES5802BH10-5'	5-8-02	4:00	1	X			129298	X	X							
SES5802BH10-10'	5-8-02	4:15	1	X			129299	X	X							
SES5802BH10-15'	5-8-02	4:30	1	X			129300	X	X							

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Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
BB	EPI	5-9-02		Melanie Humphrey	ASI	5/10/02	10 50

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

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
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Send Reports To:
Company Name Environmental Plus
Address 2100 AVE O
City Eunice State NM Zip 88231
ATTN: Pat McCasland
Phone 394-3481 Fax 394 2601

Bill to (if different):
Company Name Eott Energy
Address 5805 E HWY 80
City Midland State TX Zip 79701
ATTN: Frank Hernandez
Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 2002-10123 Sampler: Bradley Blair

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH 418.1	BTEX 8021b							Comments
SES5902BH11-5'	5-9-02	7:30	1	X			129301	X	X							
SES5902BH11-10'	5-9-02	7:45	1	X			129302	X	X							
SES5902BH11-15'	5-9-02	8:00	1	X			129303	X	X							
SES5902BH12-5'	5-9-02	8:45	1	X			129304	X	X							
SES5902BH12 10'	5-9-02	9:00	1	X			129305	X	X							
SES5902BH12-15'	5-9-02	9:20	1	X			129306	X	X							
SES5902BH13-5'	5-9-02	9:35	1	X			129307	X	X							
SES5902BH13-10'	5-9-02	9:45	1	X			129308	X	X							
SES5902BH13-15'	5-9-02	10:00	1	X			129309	X	X							

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

TEMP: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blair	Environmental Plus	5-9-02	10:30	Melanie Humphrey	ASI	5/10/02	1050

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

ENVIRONMENTAL LAB OF
12600 West I-20 East - Odessa, Texas 79765
A Xenco Laboratories Company

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Scharb to Vacuum 4"

Project Number: 2002-10128

Location: None Given

Lab Order Number: 7F01011

Report Date: 06/07/07

Plains All American EH & S	Project: Scharb to Vacuum 4"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2002-10128	
Midland TX, 79706-4476	Project Manager: Camille Reynolds	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 (Sec. 1)	7F01011-01	Soil	06/01/07 10:50	06-01-2007 14:17
SP-2 (Sec. 2)	7F01011-02	Soil	06/01/07 10:55	06-01-2007 14:17
BH-1	7F01011-03	Soil	06/01/07 09:50	06-01-2007 14:17
BH-2	7F01011-04	Soil	06/01/07 09:55	06-01-2007 14:17
BH-3	7F01011-05	Soil	06/01/07 10:10	06-01-2007 14:17
BH-4	7F01011-06	Soil	06/01/07 10:35	06-01-2007 14:17
BH-5	7F01011-07	Soil	06/01/07 10:40	06-01-2007 14:17
BH-6	7F01011-08	Soil	06/01/07 10.43	06-01-2007 14:17
WW-1	7F01011-09	Soil	06/01/07 09:35	06-01-2007 14:17
WW-2	7F01011-10	Soil	06/01/07 09:40	06-01-2007 14:17
SW-1	7F01011-11	Soil	06/01/07 09:53	06-01-2007 14:17
SW-2	7F01011-12	Soil	06/01/07 10:30	06-01-2007 14:17
SW-3	7F01011-13	Soil	06/01/07 10:25	06-01-2007 14:17
NW-1	7F01011-14	Soil	06/01/07 09:45	06-01-2007 14:17
NW-2	7F01011-15	Soil	06/01/07 10:00	06-01-2007 14:17
NW-3	7F01011-16	Soil	06/01/07 10:05	06-01-2007 14:17
EW-1	7F01011-17	Soil	06/01/07 10:15	06-01-2007 14:17
EW-2	7F01011-18	Soil	06/01/07 10:20	06-01-2007 14:17

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

Plains All American EH & S	Project: Scharb to Vacuum 4"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2002-10128	
Midland TX, 79706-4476	Project Manager: Camille Reynolds	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1 (Sec. 1) (7F01011-01) Soil									
Benzene	**ND**	0.0250	mg/kg dry	25	EF70410	06/04/07	06/05/07	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		*113 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**16.4**	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	**706**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**171**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**893**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*119 %*	*70-130*		"	"	"	"	
SP-2 (Sec. 2) (7F01011-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF70410	06/04/07	06/05/07	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		*91.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**19.9**	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	**654**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**160**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**835**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*124 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*141 %*	*70-130*		"	"	"	"	*S-04*
BH-1 (7F01011-03) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*73.0 %*	*75-125*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*73.4 %*	*75-125*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (7F01011-03) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*121 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*124 %*	*70-130*		"	"	"	"	
BH-2 (7F01011-04) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*76.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*71.8 %*	*75-125*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*127 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*126 %*	*70-130*		"	"	"	"	
BH-3 (7F01011-05) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*78.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*73.8 %*	*75-125*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*115 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*115 %*	*70-130*		"	"	"	"	

Plains All American EH & S	Project: Scharb to Vacuum 4"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2002-10128	
Midland TX, 79706-4476	Project Manager: Camille Reynolds	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-4 (7F01011-06) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*73.8 %*	*75-125*		"	"	"	"	*S-04*
Surrogate. 4-Bromofluorobenzene		*73.0 %*	*75-125*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*97.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.0 %*	*70-130*		"	"	"	"	
BH-5 (7F01011-07) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*79.6 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*75.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*125 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*118 %*	*70-130*		"	"	"	"	
BH-6 (7F01011-08) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*77.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*71 8 %*	*75-125*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-6 (7F01011-08) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*110 %*	*70-130*		"	"	"	"	
WW-1 (7F01011-09) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*75.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*70.0 %*	*75-125*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	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		*94.0 %*	*70-130*		"	"	"	"	
WW-2 (7F01011-10) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*100 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*95.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*90.8 %*	*70-130*		"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-1 (7F01011-11) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*97.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*127 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*119 %*	*70-130*		"	"	"	"	
SW-2 (7F01011-12) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*97.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	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		*100 %*	*70-130*		"	"	"	"	
SW-3 (7F01011-13) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*97.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	

Organics by GC

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-3 (7F01011-13) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*93.8 %*	*70-130*		"	"	"	"	
NW-1 (7F01011-14) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*85.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*96.2 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*89.0 %*	*70-130*		"	"	"	"	
NW-2 (7F01011-15) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*93.0 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*91.0 %*	*70-130*		"	"	"	"	

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Midland TX, 79706-4476

Project: Scharb to Vacuum 4"
Project Number: 2002-10128
Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NW-3 (7F01011-16) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*96.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*113 %*	*70-130*		"	"	"	"	
EW-1 (7F01011-17) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70410	06/04/07	06/05/07	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		*88.4 %*	*75-125*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*81.8 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*102 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*103 %*	*70-130*		"	"	"	"	
EW-2 (7F01011-18) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70511	06/05/07	06/06/07	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		*94.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EW-2 (7F01011-18) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EF70515	06/05/07	06/05/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*109 %*	*70-130*		"	"	"	"	

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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
SP-1 (Sec. 1) (7F01011-01) Soil									
% Moisture	**8.5**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
SP-2 (Sec. 2) (7F01011-02) Soil									
% Moisture	**10.9**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
BH-1 (7F01011-03) Soil									
% Moisture	**11.7**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
BH-2 (7F01011-04) Soil									
% Moisture	**10.2**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
BH-3 (7F01011-05) Soil									
% Moisture	**9.1**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
BH-4 (7F01011-06) Soil									
% Moisture	**13.9**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
BH-5 (7F01011-07) Soil									
% Moisture	**8.6**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
BH-6 (7F01011-08) Soil									
% Moisture	**12.9**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
WW-1 (7F01011-09) Soil									
% Moisture	**5.8**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
WW-2 (7F01011-10) Soil									
% Moisture	**6.5**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
SW-1 (7F01011-11) Soil									
% Moisture	**8.5**	0.1	%	1	EF70406	06/02/07	06/02/07	% 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
SW-2 (7F01011-12) Soil									
% Moisture	**4.8**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
SW-3 (7F01011-13) Soil									
% Moisture	**4.7**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
NW-1 (7F01011-14) Soil									
% Moisture	**9.5**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
NW-2 (7F01011-15) Soil									
% Moisture	**8.5**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
NW-3 (7F01011-16) Soil									
% Moisture	**5.7**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
EW-1 (7F01011-17) Soil									
% Moisture	**7.4**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	
EW-2 (7F01011-18) Soil									
% Moisture	**7.7**	0.1	%	1	EF70406	06/02/07	06/02/07	% calculation	

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Organics by GC - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF70410 - EPA 5030C (GC)										
Blank (EF70410-BLK1)				Prepared: 06/04/07 Analyzed: 06/05/07						
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	*43 8*		*ug/kg*	*50.0*		*87.6*	*75-125*			
Surrogate· 4-Bromofluorobenzene	*42 2*		*"*	*50 0*		*84 4*	*75-125*			
LCS (EF70410-BS1)				Prepared: 06/04/07 Analyzed: 06/05/07						
Benzene	0.0479	0 00100	mg/kg wet	0.0500		95 8	80-120			
Toluene	0.0491	0.00100	"	0.0500		98.2	80-120			
Ethylbenzene	0.0485	0.00100	"	0.0500		97.0	80-120			
Xylene (p/m)	0.0921	0.00100	"	0 100		92 1	80-120			
Xylene (o)	0.0508	0.00100	"	0.0500		102	80-120			
Surrogate: a,a,a-Trifluorotoluene	*42.4*		*ug/kg*	*50 0*		*84 8*	*75-125*			
Surrogate. 4-Bromofluorobenzene	*45.8*		*"*	*50.0*		*91 6*	*75-125*			
Calibration Check (EF70410-CCV1)				Prepared: 06/04/07 Analyzed: 06/05/07						
Benzene	0.0532		mg/kg wet	0 0500		106	80-120			
Toluene	0.0527		"	0.0500		105	80-120			
Ethylbenzene	0.0505		"	0 0500		101	80-120			
Xylene (p/m)	0.0946		"	0.100		94.6	80-120			
Xylene (o)	0 0528		"	0.0500		106	80-120			
Surrogate: a,a,a-Trifluorotoluene	*50 1*		*ug/kg*	*50.0*		*100*	*75-125*			
Surrogate· 4-Bromofluorobenzene	*49 6*		*"*	*50.0*		*99 2*	*75-125*			
Matrix Spike (EF70410-MS1)	**Source: 7F01011-03**			Prepared: 06/04/07 Analyzed: 06/05/07						
Benzene	0.109	0.00200	mg/kg dry	0.113	ND	96 5	80-120			
Toluene	0.110	0.00200	"	0.113	ND	97.3	80-120			
Ethylbenzene	0 110	0.00200	"	0 113	ND	97.3	80-120			
Xylene (p/m)	0 207	0.00200	"	0 227	ND	91.2	80-120			
Xylene (o)	0 113	0.00200	"	0.113	ND	100	80-120			
Surrogate· a,a,a-Trifluorotoluene	*46 4*		*ug/kg*	*50 0*		*92.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*48 1*		*"*	*50 0*		*96 2*	*75-125*			

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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 EF70410 - EPA 5030C (GC)										
Matrix Spike Dup (EF70410-MSD1)	**Source: 7F01011-03**			Prepared: 06/04/07 Analyzed: 06/05/07						
Benzene	0.110	0.00200	mg/kg dry	0.113	ND	97.3	80-120	0.826	20	
Toluene	0 112	0.00200	"	0.113	ND	99.1	80-120	1 83	20	
Ethylbenzene	0 113	0 00200	"	0.113	ND	100	80-120	2 74	20	
Xylene (p/m)	0.211	0 00200	"	0 227	ND	93.0	80-120	1.95	20	
Xylene (o)	0.116	0.00200	"	0.113	ND	103	80-120	2.96	20	
Surrogate a,a,a-Trifluorotoluene	*48.7*		*ug/kg*	*50.0*		*97.4*	*75-125*			
Surrogate. 4-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*75-125*			
Batch EF70511 - EPA 5030C (GC)										
Blank (EF70511-BLK1)				Prepared & Analyzed: 06/05/07						
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	*54 6*		*ug/kg*	*50 0*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*51 3*		*"*	*50 0*		*103*	*75-125*			
LCS (EF70511-BS1)				Prepared & Analyzed. 06/05/07						
Benzene	0.0555	0.00100	mg/kg wet	0 0500		111	80-120			
Toluene	0.0570	0.00100	"	0.0500		114	80-120			
Ethylbenzene	0.0555	0.00100	"	0.0500		111	80-120			
Xylene (p/m)	0.104	0.00100	"	0.100		104	80-120			
Xylene (o)	0.0576	0 00100	"	0.0500		115	80-120			
Surrogate a,a,a-Trifluorotoluene	*55.6*		*ug/kg*	*50.0*		*111*	*75-125*			
Surrogate. 4-Bromofluorobenzene	*54 8*		*"*	*50.0*		*110*	*75-125*			

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Organics by GC - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF70511 - EPA 5030C (GC)										
Calibration Check (EF70511-CCV1)				Prepared: 06/05/07 Analyzed: 06/06/07						
Benzene	0.0538		mg/kg wet	0.0500		108	80-120			
Toluene	0.0541		"	0.0500		108	80-120			
Ethylbenzene	0.0515		"	0.0500		103	80-120			
Xylene (p/m)	0.0965		"	0 100		96.5	80-120			
Xylene (o)	0.0530		"	0.0500		106	80-120			
Surrogate: a,a,a-Trifluorotoluene	*49.8*		*ug/kg*	*50 0*		*99 6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.4*	*75-125*			
Matrix Spike (EF70511-MS1)		**Source: 7F01011-18**		Prepared: 06/05/07 Analyzed: 06/06/07						
Benzene	0.105	0.00200	mg/kg dry	0.108	ND	97 2	80-120			
Toluene	0.108	0.00200	"	0.108	ND	100	80-120			
Ethylbenzene	0.106	0.00200	"	0.108	ND	98.1	80-120			
Xylene (p/m)	0.196	0.00200	"	0.217	ND	90.3	80-120			
Xylene (o)	0.108	0.00200	"	0.108	ND	100	80-120			
Surrogate· a,a,a-Trifluorotoluene	*44 4*		*ug/kg*	*50.0*		*88.8*	*75-125*			
Surrogate· 4-Bromofluorobenzene	*44 9*		*"*	*50.0*		*89.8*	*75-125*			
Matrix Spike Dup (EF70511-MSD1)		**Source: 7F01011-18**		Prepared: 06/05/07 Analyzed: 06/06/07						
Benzene	0.107	0.00200	mg/kg dry	0 108	ND	99.1	80-120	1.94	20	
Toluene	0.108	0.00200	"	0 108	ND	100	80-120	0.00	20	
Ethylbenzene	0 107	0.00200	"	0 108	ND	99.1	80-120	1.01	20	
Xylene (p/m)	0.197	0.00200	"	0.217	ND	90 8	80-120	0.552	20	
Xylene (o)	0.109	0.00200	"	0.108	ND	101	80-120	0 995	20	
Surrogate· a,a,a-Trifluorotoluene	*47 0*		*ug/kg*	*50 0*		*94.0*	*75-125*			
Surrogate 4-Bromofluorobenzene	*45 9*		*"*	*50.0*		*91 8*	*75-125*			
Batch EF70515 - Solvent Extraction (GC)										
Blank (EF70515-BLK1)				Prepared: 06/05/07 Analyzed: 06/07/07						
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 2*		*mg/kg*	*50 0*		*92.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43 6*		*"*	*50 0*		*87.2*	*70-130*			

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

Project: Scharb to Vacuum 4"
Project Number: 2002-10128
Project Manager: Camille Reynolds

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 EF70515 - Solvent Extraction (GC)										
LCS (EF70515-BS1)				Prepared & Analyzed: 06/05/07						
Carbon Ranges C6-C12	585	10.0	mg/kg wet	500		117	75-125			
Carbon Ranges C12-C28	415	10 0	"	500		83.0	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1000	10.0	"	1000		100	75-125			
Surrogate 1-Chlorooctane	*46 7*		*mg/kg*	*50.0*		*93.4*	*70-130*			
Surrogate. 1-Chlorooctadecane	*40.1*		*"*	*50 0*		*80 2*	*70-130*			
Calibration Check (EF70515-CCV1)				Prepared: 06/05/07 Analyzed: 06/07/07						
Carbon Ranges C6-C12	256		mg/kg	250		102	80-120			
Carbon Ranges C12-C28	203		"	250		81.2	80-120			
Total Hydrocarbons	459		"	500		91.8	80-120			
Surrogate. 1-Chlorooctane	*50.1*		*"*	*50 0*		*100*	*70-130*			
Surrogate. 1-Chlorooctadecane	*49 6*		*"*	*50.0*		*99.2*	*70-130*			
Matrix Spike (EF70515-MS1)	**Source: 7F01011-04**			Prepared: 06/05/07 Analyzed. 06/06/07						
Carbon Ranges C6-C12	651	10.0	mg/kg dry	557	ND	117	75-125			
Carbon Ranges C12-C28	454	10.0	"	557	ND	81.5	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0 00	ND		75-125			
Total Hydrocarbons	1110	10.0	"	1110	ND	100	75-125			
Surrogate 1-Chlorooctane	*49 9*		*mg/kg*	*50.0*		*99.8*	*70-130*			
Surrogate. 1-Chlorooctadecane	*41 9*		*"*	*50 0*		*83.8*	*70-130*			
Matrix Spike Dup (EF70515-MSD1)	**Source: 7F01011-04**			Prepared: 06/05/07 Analyzed: 06/06/07						
Carbon Ranges C6-C12	676	10.0	mg/kg dry	557	ND	121	75-125	3.36	20	
Carbon Ranges C12-C28	466	10.0	"	557	ND	83.7	75-125	2.66	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1140	10 0	"	1110	ND	103	75-125	2.96	20	
Surrogate 1-Chlorooctane	*51.9*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate 1-Chlorooctadecane	*40.0*		*"*	*50 0*		*80 0*	*70-130*			

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

Project: Scharb to Vacuum 4"
Project Number: 2002-10128
Project Manager: Camille Reynolds

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 EF70406 - General Preparation (Prep)										
Blank (EF70406-BLK1)				Prepared & Analyzed: 06/02/07						
% Solids	100		%							
Duplicate (EF70406-DUP1)		**Source: 7F01011-01**		Prepared & Analyzed: 06/02/07						
% Solids	90.3		%		91.5			1.32	20	
Duplicate (EF70406-DUP2)		**Source: 7F01016-03**		Prepared & Analyzed: 06/02/07						
% Solids	88.4		%		89.4			1.12	20	

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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: 6/7/2007

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, GEOTECHNICAL AND CONSTRUCTION MATERIALS SERVICES

CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Office Location: Midland TX

Project Manager: Catherine London

Laboratory: ELOT

Address:

Contact:

Phone:

PO/SO #: 2002 - 10128

Lab use only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Page 1 of 2

Sampler's Name: Brandon Wilson

Sampler's Signature: B Wil

Proj. No.: A4077048

Project Name: Schaub to Vacuum 4"

No/Type of Containers: 18/4oz. Jars

ANALYSIS REQUESTED: TPH (8015m), BTEX (8021B)

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	P/O	Lab Sample ID (Lab Use Only)
S	6/1/07	10:50	X		SP-1 (sec. 1)						1	7F01011-01
		10:55			SP-2 (sec. 2)							-02
		09:50		X	BH-1		12"					-03
		09:55			BH-2		12"					-04
		10:10			BH-3		6"					-05
		10:35			BH-4		18"					-06
		10:40			BH-5		18"					-07
		10:43			BH-6		12"					-08
		09:35			WW-1							-09
		09:40			WW-2							-10

283589
Lab Sample ID (Lab Use Only)

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
B Wil	6/1/07	14:17			
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date: 6/1/07	Time: 14:17

NOTES:
Camille Reynolds w/ Plains
S.O w/ jar seal
Hazgless

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

Houston Office
11555 Clay Road, Suite 100
Houston, Texas 77043
(713) 690-8989 Fax (713) 690-8787

Dallas Office
8901 Carpenter Freeway, Suite 100
Dallas, Texas 75247
(214) 630-1010 Fax (214) 630-7070

Fort Worth Office
2601 Gravel Drive
Fort Worth, Texas 76118
(817) 268-8600 Fax (817) 268-8602

Austin Office
5307 Industrial Oaks Blvd. # 160
Austin, Texas 78735
(512) 442-1122 Fax (512) 442-1181

Midland Office
24 Smith Rd., # 261
Midland, Texas 79705
(432) 684-9600 Fax (432) 684-9608

ENVIRONMENTAL, GEOTECHNICAL AND CONSTRUCTION MATERIALS SERVICES

CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Office Location: Midland TX

Project Manager: Catherine London

Laboratory: ELOT

Address:

Contact:

Phone:

PO/SO #: 2002-10128

Lab use only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Sampler's Name: Brandon Wilson

Sampler's Signature: B. Wil

Proj. No.: A4077048

Project Name: Scharb to Vacuum 4"

No/Type of Containers: 18/4oz. Jars

ANALYSIS REQUESTED: TPH (8015 m), BTEX (8021B)

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	P/O	TPH (8015 m)	BTEX (8021B)	Lab Sample ID (Lab Use Only)
S	6/1/07	09:53		X	SW-1						1	X	X	-11
		10:30			SW-2									-12
		10:25			SW-3									-13
		09:45			NW-1									-14
		10:00			NW-2									-15
		10:05			NW-3									-16
		10:15			EW-1									-17
		10:20			EW-2									-18

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
B. Wil	6/1/07	14:17			
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
				6/1/07	14:17

NOTES: Camille Reynolds w/ Plains

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

Houston Office
11555 Clay Road, Suite 100
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Dallas Office
8901 Carpenter Freeway, Suite 100
Dallas, Texas 75247
(214) 630-1010 Fax (214) 630-7070

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2601 Gravel Drive
Fort Worth, Texas 76118
(817) 268-8600 Fax (817) 268-8602

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(512) 442-1122 Fax (512) 442-1181

Midland Office
24 Smith Rd., # 261
Midland, Texas 79705
(432) 684-9600 Fax (432) 684-9608

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Plains

Date/ Time: 6·1·07 14:17

Lab ID # : 7F0101l

Initials: GL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	5.0 °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

APPENDIX D

Site Photographs

Scharb to Vacuum – 4' Gathering
Terracon Project No.: A4077048
Plains Leak No.: 2002-10128
Date Photos Taken: October 2007

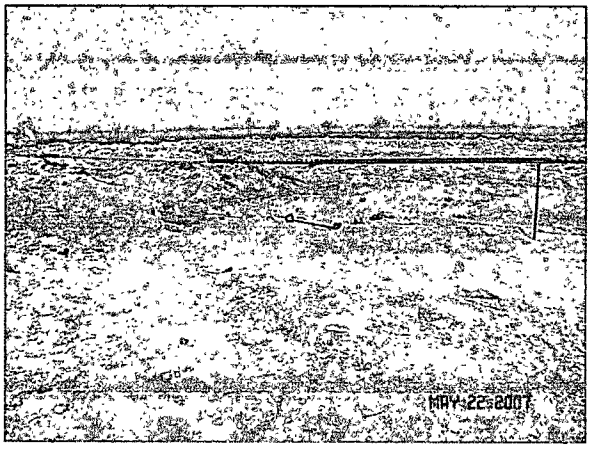

Photo #1 Looking at the former excavation to the west. The pipeline is visible in the foreground.

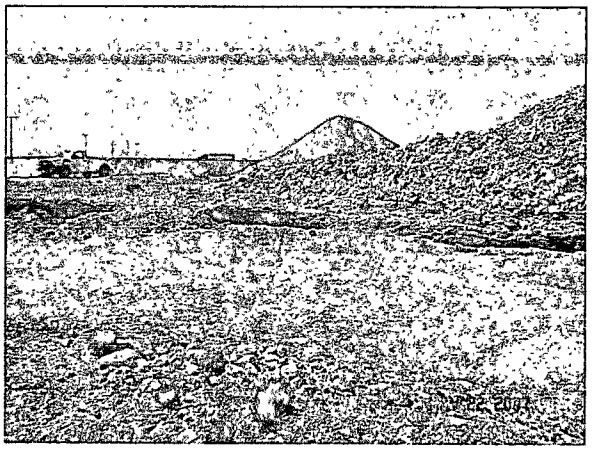

Photo #2 Looking to the southeast of the former stockpiled soils and rocks at the site.

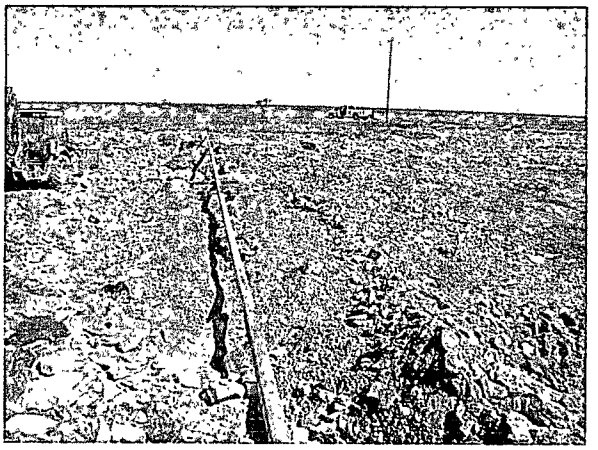

Photo #3 Looking to the north of the excavation during backfilling activities. Pipeline is visible in the center of the photograph.

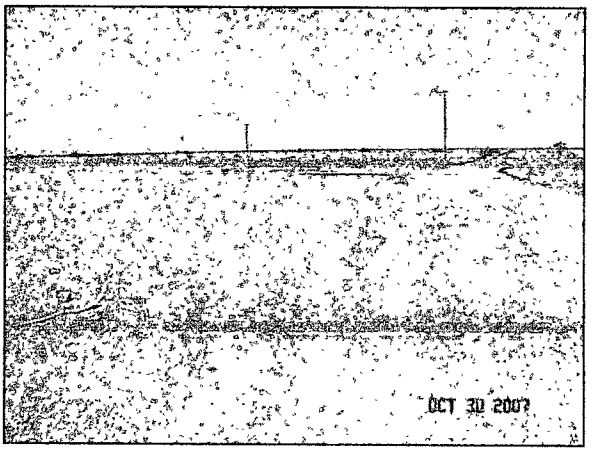

Photo #4 Looking to the north of the former excavation.

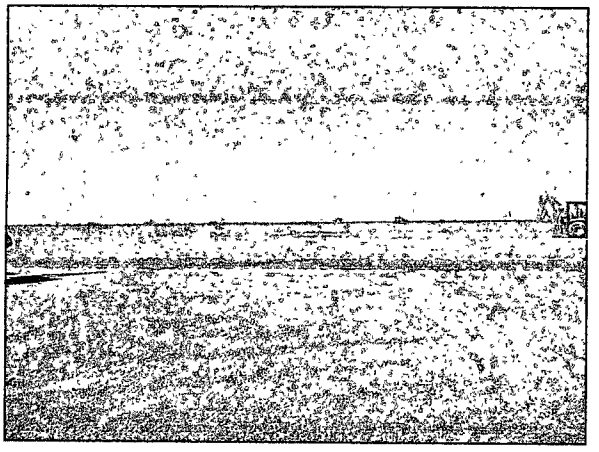

Photo #5 Looking to the west across the former excavation area.

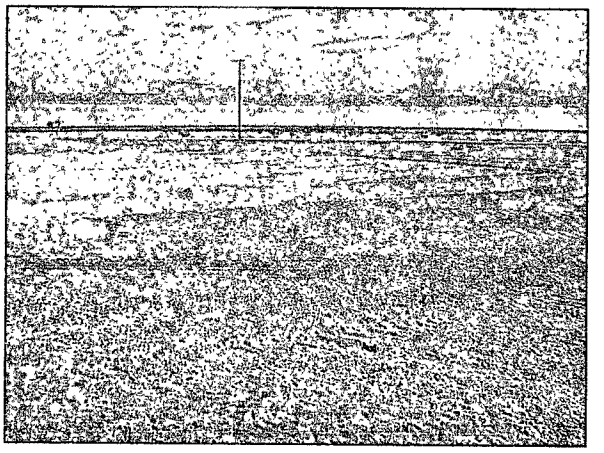

Photo #6 Looking to the northeast at the former excavation.

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised March 17, 1999

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: EOTT Energy Pipeline	Contact: Frank Hernandez
Address: 5805 East Highway 80 / P.O. Box 1660, Midland, TX 79703	Telephone No.: 915.638.3799
Facility Name: Scharb to Vacuum 4" Gathering	Facility Type: 4" Crude Oil Pipeline

Surface Owner	Mineral Owner	Lease No.
State of New Mexico		

LOCATION OF RELEASE

WR 65

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat.: 32° 41' 54.45"N Long.: 103° 27' 52.94"W
N	33	18S	35E					

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 20 bbls	Volume Recovered: 5 bbls
Source of Release: 4" Steel Pipeline	Date and Hour of Occurrence: 4-23-02 1400 hours	Date and Hour of Discovery: 4-23-02 1400 hours
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Frank Hernandez	Date and Hour: 4-23-02 1600 hrs	
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.*
External corrosion. Line replaced and contaminated soil placed on plastic barrier on site.

Describe Area Affected and Cleanup Action Taken.*
Area = ~9,777 ft². (245' x 75') Liquids vacuumed and reintroduced into system. Contaminated soil excavated and placed on plastic barrier. Site to be delineated and remediation plan developed and submitted to the NMOCD for approval.

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**
Printed Name: Frank Hernandez	Approved by District Supervisor: ENVIRO ENGR
Title: District Environmental Supervisor	Approval Date: 8-28-07 Expiration Date:
Date: April 28, 2002 Phone: 915.638.3799	Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

Received
Hobbs
OCD

RP# 1534

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action
RP- 1534

OPERATOR

Initial Report ☒ Final Report

Name of Company Plains Marketing, LP	Contact Camille Reynolds
Address 3112 West Hwy 82,Lovington, NM 88260	Telephone No. 505-441-0965
Facility Name Scharb to Vacuum 4"Gathering 2001-11005	Facility Type 4"Steel Pipeline

Surface Owner State of New Mexico	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	33	18S	35E					Lea

Latitude 32° 41' 54.5" **Longitude** 103° 27' 52.9"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 20 barrels	Volume Recovered 5 Barrels
Source of Release 4" Steel Pipeline	Date and Hour of Occurrence 4/23/2002 @ 14:00	Date and Hour of Discovery 4/23/2002 @ 14:00
Was Immediate Notice Given? x Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Frank Hernandez	Date and Hour 04/23/2002 @ 16:00	
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.* External corrosion of the 4 inch steel pipeline resulted in a loss of crude oil. Forty feet of the 4-inch pipeline was replaced and the saturated soil was stockpiled on plastic.

Describe Area Affected and Cleanup Action Taken.*
As per the NMOCD approved Closure Plan dated August 9, 2007 confirmation soil samples were collected from the floor and walls of the excavation and from the stockpiled treated soil. Analytical data indicated all samples collected were below the NMOCD guidelines. The excavation was backfilled with the treated soil and the surrounding area was restored to topographic grade.

Please see the attached Terracon Soil Closure Compliance Report dated November 12, 2007 for details of remedial activities conducted for site closure.

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: ENVIRONMENTAL ENGINEER
Title: Remediation Coordinator	Approval Date: 11.29.07 Expiration Date: —
E-mail Address: cjreynolds@paalp.com	Conditions of Approval: — Attached ☐ RP-1534
Date: 11/28/2007 Phone:505-441-0965	

* Attach Additional Sheets If Necessary