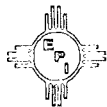


AP - 37

STAGE 1 & 2 REPORTS

DATE:

9/16/2005



16 September 2005

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

AP-37

RE: Plains Pipeline, L.P. Lovington Deep 6" Release Site (Ref. #2002-10312)
UL-H (SE¼ of the NE¼) of Section 6, T17S, R36E
Latitude N 32° 52' 1.13" and Longitude W 103° 23' 16.6"

Dear Mr. Martin:

On April 6, 2005, the New Mexico Oil Conservation Division (NMOCD) submitted a letter to Plains Pipeline, L.P., requesting that a *Soil Closure Report* be submitted prior to any backfilling occurring at the above-referenced site. The report was to document the analytical results of soil samples collected from the excavation as it existed at the time the samples were collected and analytical results of the samples collected from the backfill material. This letter report documents the sample locations and analytical results for the samples collected during excavation activities at the site.

Site Background

The site is located in the SE¼ of the NE¼ of Section 6, Township 17 South, Range 36 East at an elevation of approximately 3,912 feet above mean sea level (reference *Figures 1 and 2*). The property is owned by Darr Angel. A search for area water wells was completed utilizing the *New Mexico Office of the State Engineers* website. A total of 14 wells were found to be located either in Section 6 or one of the eight adjacent sections (i.e., sections 5, 7 and 8 of Township 17 South, Range 36 East, sections 1 and 12 of Township 17 South, Range 35 East, section 36 of Township 16 South, Range 35 East and sections 31 and 32 of Township 16 South and Range 36 east). The average depth to water in these wells was reported to be approximately 62.5 feet below ground surface (bgs) and ranged from 45 feet bgs to 90 feet bgs. An on-site groundwater monitoring well network, consisting of 10 groundwater monitoring wells and one recovery well indicates the depth to groundwater as approximately 61.3 feet below ground surface and ranges from 60.8 to 61.75 feet below ground surface. No water supply wells or bodies of surface water were found to be located within a 1,000-foot radius of the release location. Based on available information it was determined that the distance between the contamination and groundwater was less than 50 feet. Utilizing this information, it was determined that the New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this site were as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	100 parts per million

Field Work

EPI was on site from December 2002 through January 20, 2003, to excavate impacted soil at the site. The upper three feet of soil within the perimeter of the release area was excavated and the soil transported to

the South Monument Surface Waste Management Facility (NM-01-0032) for treatment. A total of approximately 1,100 cubic yards (cy) were removed from the site for treatment. After the upper three feet of soil within the perimeter of the release area had been removed from the site, excavation activities continued through January 20, 2003. A total of 7,720 cy of impacted soil was excavated, processed through a shredder and stockpiled on site. Composite soil samples were collected from the sidewalls and bottom of the excavation basin and submitted to an independent laboratory for quantification of total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene and total xylenes (BTEX). In addition, one soil sample was collected from approximately 12 feet below the point of release and submitted for quantification of TPH and BTEX. Due to analytical results (discussed below) indicating the presence of contaminants above the NMOCD remedial thresholds remaining in three of the four sidewalls, excavation activities resumed at the site.

Excavation activities from January 20 through March 7, 2003, resulted in an additional 2,780 cy of impacted soil being excavated, processed through the shredder and stockpiled on site. On March 7, 2003, composite samples were again collected from the sidewalls of the excavation and submitted to an independent laboratory for quantification of TPH and BTEX.

Six soil borings were advanced at the site from December 27, 2002 through January 2, 2003 to delineate the vertical and lateral extents of soil contamination at the site. During the advancement of the soil borings, samples were collected at discrete intervals with a portion of the sample being placed in a laboratory provided container and the remainder placed in a self sealing polyethylene bag. The samples placed in laboratory provided containers were immediately placed on ice for transport to an independent laboratory for quantification of TPH and BTEX. During the advancement of soil boring BH-1, it was discovered that crude oil had impacted groundwater beneath the site, and as such, this soil boring was completed as groundwater monitoring well MW-2 (reference *Figure 3*). Soil borings BH-2 through BH-6 were advanced around the site to delineate the extent and magnitude of the release, with soil borings BH-2, BH-4, BH-5 and BH-6 being completed as groundwater monitoring wells MW-3, MW-5, MW-4 and MW-1, respectively (reference *Figure 3*).

Due to the fact that the groundwater contaminant plume was not fully delineated during the initial groundwater monitoring well network (i.e., groundwater monitoring wells MW-1 through MW-5), six additional groundwater monitoring wells were installed at the site. During the installation of the groundwater monitoring wells, samples were collected at discrete intervals with a portion of the sample being placed in a laboratory provided container and the remainder placed in a self sealing polyethylene bag. The samples placed in laboratory provided containers were immediately placed on ice for transport to an independent laboratory for quantification of TPH and BTEX.

Analytical Data

Analytical results for the samples collected on January 20, 2003 from the excavation basin indicated soil impacted above the NMOCD remedial threshold in three of the four sidewalls and in the excavation floor, approximately 12 feet below the point of release (reference *Table 1*). Analytical results indicated TPH concentrations remaining in the sidewalls ranging from 370 milligrams per kilogram (mg/Kg) to 6,660 mg/Kg, benzene concentrations ranging from non-detectable (ND) at or below the method detection limit (MDL) of 0.020 mg/Kg to 0.0752 mg/Kg and BTEX concentrations ranging from 0.0388 mg/Kg to 5.36 mg/Kg. Only TPH concentrations were reported above the NMOCD remedial threshold for these samples.

Analytical results for the composite sample collected from the excavation basin floor away from the point of release on January 20, 2003, indicated TPH concentrations of 19.6 mg/Kg. BTEX constituents were not detected at or above each analyte's respective MDL (reference *Table 1*). Analytical results for the sample collected from approximately 12 feet below the point of release on January 20, 2003, indicated TPH concentrations of 8,380 mg/Kg, benzene concentrations of 2.69 mg/Kg and BTEX concentrations of 257 mg/Kg (reference *Table 1*). TPH and total BTEX concentrations were both reported above the NMOCD remedial thresholds for this site.

Analytical results for the soil samples collected from the sidewalls on March 7, 2003, following the additional excavation were reported as ND at or below each analyte's respective MDL for all samples, with the exception of the sample collected from the west side wall. Analytical results for this sample indicated toluene concentrations of 0.0241 mg/Kg. All other analytes for this sample were reported as ND at or above each analyte's respective MDL.

Analytical results for the soil samples submitted from the soil boring advancement/groundwater monitoring well installation activities were reported as ND at or below each analyte's respective MDL for all samples, with the exception of the samples collected during the advancement of soil boring BH-1 and the installation of groundwater monitoring well MW-8. Soil boring BH-1 was advanced adjacent to the point of release, and as such, analytical results for the samples submitted for laboratory quantification indicated TPH concentrations ranging from 7,350 mg/Kg at five feet bgs to 2,610 mg/Kg at 55 feet bgs (reference *Table 2*). Total BTEX concentrations ranged from 583 mg/Kg at 15 feet bgs to 167 mg/Kg at 45 feet bgs. Benzene concentrations for these samples ranged from 12.6 mg/Kg at 15 feet BGS to 0.919 mg/Kg at 45 feet BGS (reference *Table 2*).

Analytical results for soil samples submitted for laboratory quantification from activities associated with the installation of groundwater monitoring well MW-8 were reported as ND at or below each analyte's respective MDL, with the exception of the sample collected from 25 to 30 feet bgs. Analytical results for this sample indicated TPH concentrations of 14.3 mg/Kg. All other analytes were reported as ND at or below each analyte's respective MDL (reference *Table 2*).

Conclusions

Based on field and laboratory analyses of samples collected from the sidewalls of the excavation and during the advancement of the soil borings/groundwater monitoring wells, the lateral extent of soil impacted above the NMOCD remedial thresholds has been delineated and excavated at the site. In addition, the vertical extent of soil impacted above the NMOCD remedial thresholds has been delineated and removed to a depth of approximately 12 feet below ground surface.

Recommendations

Based on field and analytical results, it is recommended that the proposed barrier be installed at the site and the excavation backfilled with the soil currently stockpiled on site. Based on the fact that an impermeable barrier is proposed to be installed in the base of the excavation and an impermeable barrier installed upon the completion of backfilling the excavation with previously excavated material, it is also recommended that the sampling strategy outlined in the *Stage 1 and Stage 2 Abatement Plan* dated August 2004 not be implemented. As the material will be encapsulated between two impermeable barriers and results of the risk assessment indicates that contaminants remaining in the backfill material will not be capable of impacting groundwater, collection and analysis of additional soil samples is not warranted.

Mr. Ed Martin
16 September 2005

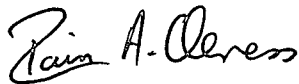
Should you have any questions or concerns, please feel free to contact me at (505) 394-3481 or via e-mail at iolness@envplus.net. Upon your approval, EPI will initiate the next phase of the remediation. All official correspondence should be submitted to Camille Reynolds at:

Camille Reynolds
Plains All American Pipeline, L.P.
3112 West Highway 82
Lovington, NM 88260

(505) 396-3341
cjreynolds@paalp.com

Sincerely,

ENVIRONMENTAL PLUS, INC.



Iain A. Olness, P.G.
Hydrogeologist

cc: Camille Reynolds, Plains – Lovington, NM
Jeff Dann, Plains – Houston, TX
File

encl. Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site Map
Figure 4 – 01/20/03 Excavation Sampling Map
Table 1 – Summary of Excavation Results
Table 2 – Well Data
Attachment I – Laboratory Results and Chain-of-Custody Form
Attachment II – Copy of Initial C-141

FIGURES

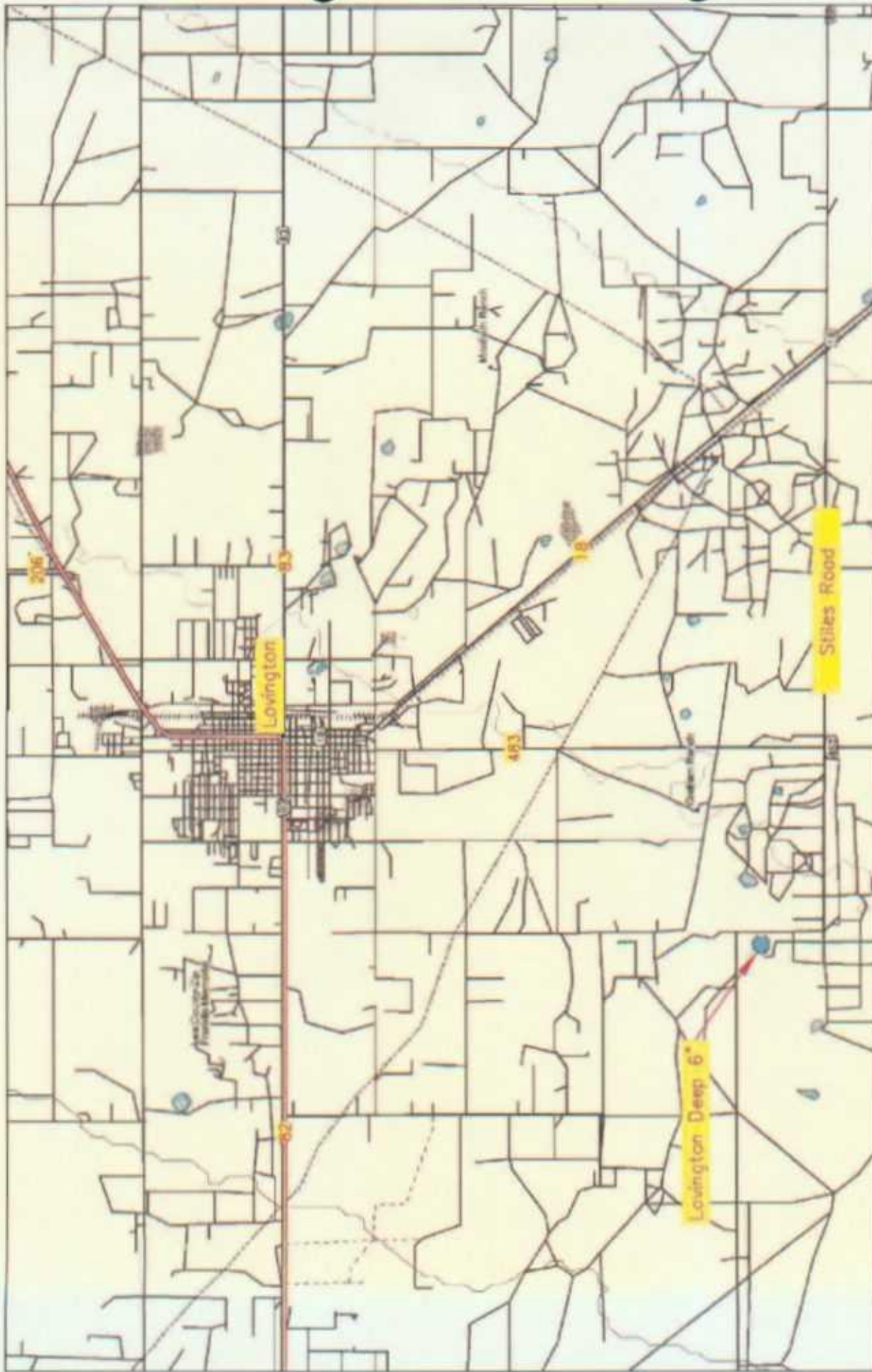


Figure 1 Area Map Plains Pipeline, L.P. Lovington Deep 6" EMS #2002-10312	Lea County, New Mexico SE 1/4 of the NE 1/4, Sec. 6, T17S, R36E N 32° 52' 1.13" W 103° 23' 16.6" Elevation: 3,912 feet amsl	DWG By: Iain Olness March 2005 REVISED: 3.0 SHEET 1 of 1 0 1.5 3.0 Miles
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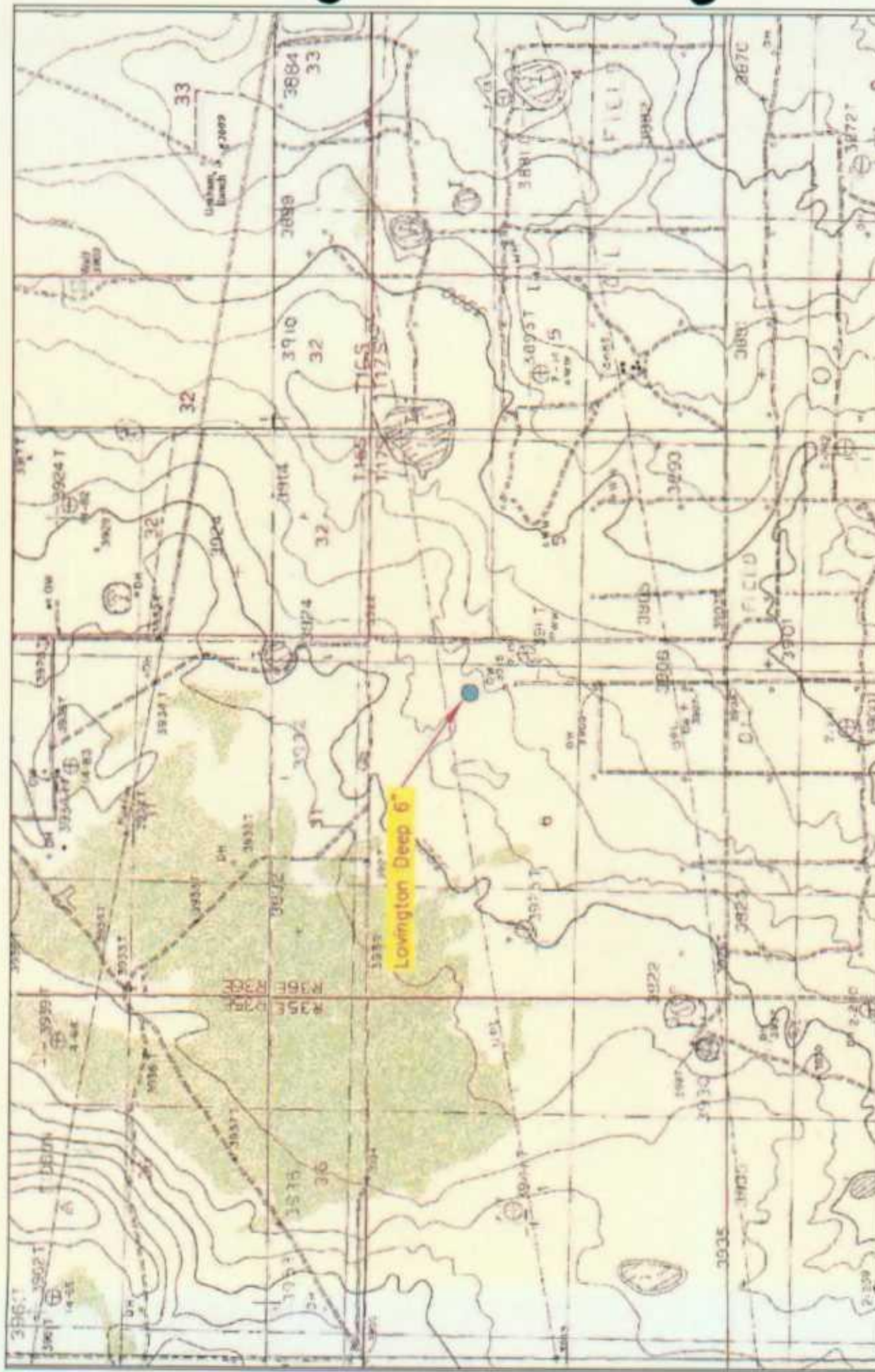


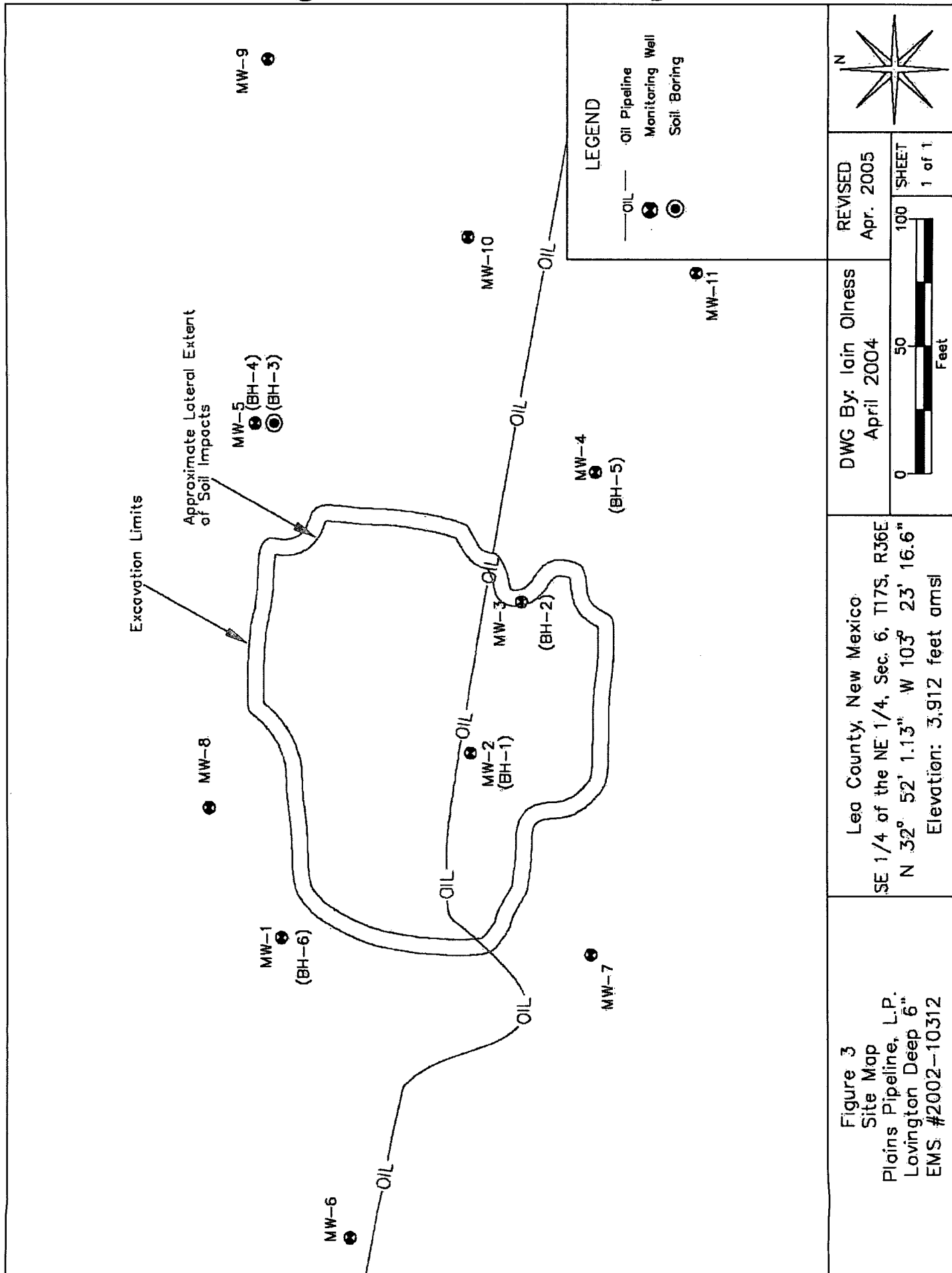
Figure 2
Site Location Map
Plains Pipeline, L.P.
Lovington Deep 6
EMS #2002-10312

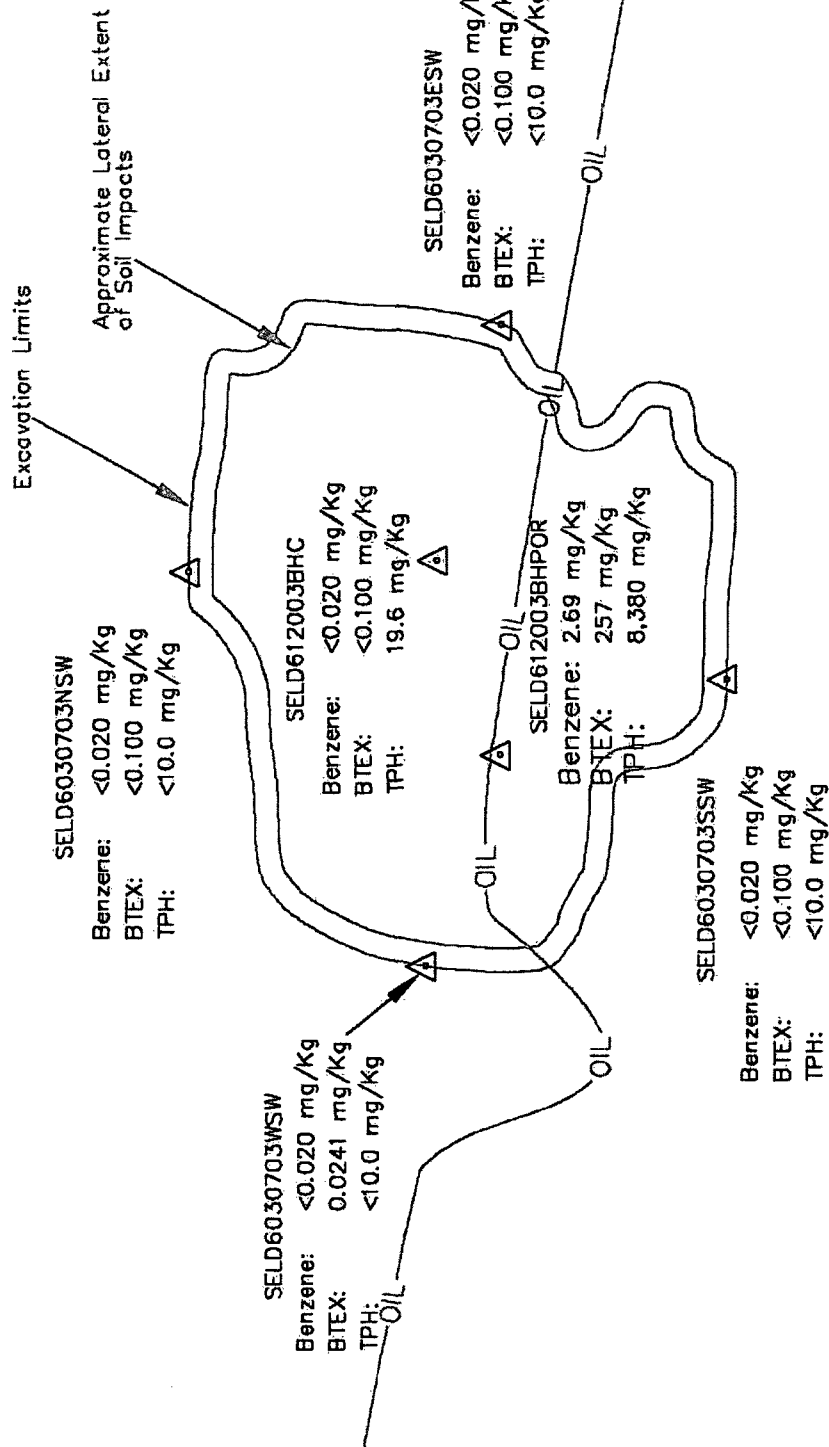
Lea County, New Mexico
SE 1/4 of the NE 1/4, Sec. 6, T17S, R36E
N 32° 52' 1.13" W 103° 23' 16.6"
Elevation: 3,912 feet amsl

DWG By: Iain Oiness
March 2005

REVISED:

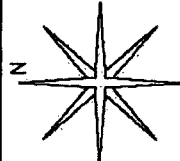






LEGEND

- Oil Pipeline
- Sample Location
- BTEX: Benzene, Toluene, Ethylbenzene and Total Xylenes
- TPH: Total Petroleum Hydrocarbons
- mg/Kg Milligrams per Kilogram



REvised
Apr. 2005
SHEET
1 of 1

DWG By: Iain Olness
April 2004

0 50 100
Feet

Lea County, New Mexico
SE 1/4 of the NE 1/4, Sec. 6, T17S, R36E
N 32° 52' 1.13" W 103° 23' 16.6"
Elevation: 3,912 feet amsl

Figure 4
Excavation Sampling Map - 03/07/03
Plains Pipeline, L.P.
Lovington Deep 6"
EMS #2002-10312

TABLES

TABLE 1

Summary of Excavation Sampling Results (Soil)

Lovington Deep 6-Inch - Ref #2002-10312

Sample ID	Sample Location	Sample Date	TPH (mg/Kg)	BTEX (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)
SELD612003BHC	Bottom Hole Composite ~3-12"bgs	20-Jan-03	19.6	<0.100	<0.020	<0.020	<0.020	<0.040
SELD612003BHPOR	Bottom Hole Point of Release ~12"bgs	20-Jan-03	8,380	257	2.69	69.6	39.7	145
SELD612003ESW	East Sidewall Composite	20-Jan-03	370	0.0388	<0.020	<0.020	<0.020	0.0388
SELD6030703ESW		07-Mar-03	<10.0	<0.100	<0.020	<0.020	<0.020	<0.040
SELD612003NSW	North Sidewall Composite	20-Jan-03	1,490	1.01	<0.020	0.145	0.162	0.703
SELD6030703NSW		07-Mar-03	<10.0	<0.100	<0.020	<0.020	<0.020	<0.040
SELD612003SSW	South Sidewall Composite	20-Jan-03	4,745	0.0805	<0.020	<0.020	<0.020	0.0805
SELD6030703SSW		07-Mar-03	<10.0	<0.100	<0.020	<0.020	<0.020	<0.040
SELD612003WSW	West Sidewall Composite	20-Jan-03	6,660	5.36	0.0752	1.21	1.01	3.06
SELD6030703WSW		07-Mar-03	<10.0	0.0241	<0.020	0.0241	<0.020	<0.040
SELD64803SSP	Shredded Spoils Pile	08-Apr-03	1,270	2.86	<0.025	0.117	0.283	2.46
SELD64803CSP	Contaminated Spoils Pile	08-Apr-03	3,565	10.9	<0.025	0.815	1.14	8.99
NMOCD Remedial Thresholds			100	50	10			

Bolded values are in excess of the NMOCD Remediation Thresholds

Summary of Soil Boring and Groundwater Monitoring Well Results (Soil)

Lovington Deep 6-Inch - Ref #2002-10312

Soil Boring	Sample Date	Sampling Interval (ft bgs)	Sample ID	PID Readings	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Total BTEX	TPH (as gasoline)	TPH (as diesel)	Total TPH	
BH-1 (MW-2)	27-Dec-02	5	SEL6122702BH41 5'	1.028	6.13	60.2	30.2	13.7	62.0	286	3,380	3,970	7,350	
		15	SEL6122702BH41 15'	1.200	12.6	204	95.3	201	70.5	3,250	583	3,250	6,500	
		25	SEL6122702BH41 25'	1.100	11.1	136	61.8	131	46.0	2,610	386	2,610	5,330	
		35	SEL6122702BH41 35'	1.056	5.60	102	53.7	118	42.4	2,000	222	2,000	4,670	
		45	SEL6122702BH41 45'	6.57	0.919	42.2	29.8	68.5	25.6	1,330	167	1,330	3,330	
BH-2 (MW-3)	30-Dec-02	55	SEL6122702BH41 55'	700	5.46	70.5	31.7	68.7	25.5	202	1,190	1,510	2,610	
		5	SEL6122702BH42 5'	3.1	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		15	SEL6122702BH42 15'	2.6	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		25	SEL6122702BH42 25'	1.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		30	SEL6122702BH42 30'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
BH-3	30-Dec-02	35	SEL6122702BH42 35'	0.2	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		40	SEL6122702BH42 40'	0.5	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		50	SEL6122702BH42 50'	0.7	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		5	SEL6123002BH43 5'	2.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		15	SEL6123002BH43 15'	1.5	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
BH-4 (MW-5)	31-Dec-02	25	SEL6123002BH43 25'	0.1	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		35	SEL6123002BH43 35'	0.2	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		0	SEL6123102BH44 SUR	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		10	SEL6123102BH44 10'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		20	SEL6123102BH44 20'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
BH-5 (MW-4)	02-Jan-03	30	SEL6123102BH44 30'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		40	SEL6123102BH44 40'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		50	SEL6123102BH44 50'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		55	SEL6123102BH44 55'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		0	SEL6123102BH45 SUR	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
BH-6 (MW-1)	02-Jan-03	10	SEL6123102BH45 10'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		20	SEL6123102BH45 20'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		30	SEL6123102BH45 30'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		40	SEL6123102BH45 40'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		50	SEL6123102BH45 50'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
MW-6	10-Dec-04	55	SEL6123102BH45 55'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		0	SEL6123102BH46 SUR	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		10	SEL6123102BH46 10'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		20	SEL6123102BH46 20'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		30	SEL6123102BH46 30'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
MW-7	09-Dec-04	40	SEL6123102BH46 40'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		50	SEL6123102BH46 50'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		55	SEL6123102BH46 55'	0.0	<0.020	<0.020	<0.020	<0.020	<0.020	<0.100	<5.0	<5.0	<10.0	
		25-30	MW-6 (25'-30')	13.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	
		30-35	MW-6 (30'-35')	14.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	10-Dec-04	35-40	MW-6 (35'-40')	18.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		40-45	MW-6 (40'-45')	17.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	
		45-50	MW-6 (45'-50')	14.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		50-55	MW-6 (50'-55')	16.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		55-60	MW-6 (55'-60')	11.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	
MW-7	09-Dec-04	25-30	MW-7 (25'-30')	16.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	
		30-35	MW-7 (30'-35')	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		35-40	MW-7 (35'-40')	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2

Summary of Soil Boring and Groundwater Monitoring Well Results (Soil)

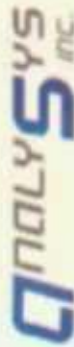
Lovington Deep 6-Inch - Ref #2002-10312

Soil Boring	Sample Date	Sampling Interval (ft bgs)	Sample ID	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m,p-Xylenes (mg/kg)	o-Xylene (mg/kg)	Total BTEX (mg/kg)	TPH (as gasoline) (mg/kg)	TPH (as diesel) (mg/kg)	Total TPH (mg/kg)
MW-7 (cont.)	09-Dec-04	40-45	MW-7 (40'-45')	36.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
		45-50	MW-7 (45'-50')	49.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
		50-55	MW-7 (50'-55')	42.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		55-60	MW-7 (55'-60')	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
		60-65	MW-7 (60'-65')	51.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
		65-70	MW-7 (65'-70')	41.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
MW-8	9-Nov-04	0-5	MW-8 (0'-5')	3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10-May	MW-8 (5'-10')	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
		15-Oct	MW-8 (10'-15')	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
		15-20	MW-8 (15'-20')	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
		20-25	MW-8 (20'-25')	5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		25-30	MW-8 (25'-30')	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	6.15 ⁴	8.09 ⁴	<10.0
		30-35	MW-8 (30'-35')	9.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
		35-40	MW-8 (35'-40')	7	NA	NA	NA	NA	NA	NA	NA	NA	NA
		40-45	MW-8 (40'-45')	7	NA	NA	NA	NA	NA	NA	NA	NA	NA
		45-50	MW-8 (45'-50')	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
		50-55	MW-8 (50'-55')	36	NA	NA	NA	NA	NA	NA	NA	NA	NA
		55-60	MW-8 (55'-60')	35.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0
MW-9	9-Nov-04	30-35	MW-9 (30'-35')	8.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
		35-40	MW-9 (35'-40')	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
		40-45	MW-9 (40'-45')	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
		45-50	MW-9 (45'-50')	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
		50-55	MW-9 (50'-55')	9.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
		55-60	MW-9 (55'-60')	8.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
MW-10	10-Nov-04	30-35	MW-10 (30'-35')	2.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
		35-40	MW-10 (35'-40')	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
		40-45	MW-10 (40'-45')	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
		45-50	MW-10 (45'-50')	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		50-55	MW-10 (50'-55')	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
		55-60	MW-10 (55'-60')	10.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
MW-11	9-Dec-04	20-25	MW-11 (20'-25')	40.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
		25-30	MW-11 (25'-30')	39.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
		30-35	MW-11 (30'-35')	40.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
		35-40	MW-11 (35'-40')	41.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		40-45	MW-11 (40'-45')	44.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
		45-50	MW-11 (45'-50')	39.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
		50-55	MW-11 (50'-55')	40.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
		55-60	MW-11 (55'-60')	35.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		60-65	MW-11 (60'-65')	38.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0
		65-70	MW-11 (65'-70')	38.6	NA	NA	NA	NA	NA	<0.125	<10.0	<10.0	<10.0
NMOCD Remedial Thresholds					10				50			100	

¹ Bolded values are in excess of the NMOCD Remediation Thresholds² NA : Not Analyzed³ NS : Not Sampled⁴ Detected, but below the Reporting Limit; therefore, result is an estimated concentration (CLP-J Flag).

ATTACHMENT I

LABORATORY RESULTS
AND
CHAIN-OF-CUSTODY FORM



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

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

NM 88231

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

Report#/Lab ID#: 137722 Report Date: 01/02/03

Project ID: 2002-10312

Sample Name: SELD6121702BH1-7

Sample Matrix: soil

Date Received: 12/23/2002 Time: 08:00

Date Sampled: 12/17/2002 Time: 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4730	mg/Kg	50	<50	12/30/02	8015 mod.	---	6.7	92.2	107.4	82.6
TPH by GC (as diesel-ex)	---	---	---	---	12/27/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	3840	mg/Kg	50	<50	12/30/02	8015 mod.	---	3.5	99.3	95.5	85.5
Volatile organics-8260/8210	---	---	---	---	12/26/02	8260/8	---	---	---	---	---
Benzene	1020	µg/Kg	1000	<1000	12/26/02	8260/8	---	5.7	92.7	93.7	96.6
Ethylbenzene	29800	µg/Kg	1000	<1000	12/26/02	8260/8	---	0.8	104.4	102	110.6
m,p-Xylenes	76500	µg/Kg	1000	<1000	12/26/02	8260/8	---	2.9	105.5	102.8	108.1
o-Xylene	30100	µg/Kg	1000	<1000	12/26/02	8260/8	---	2.7	109.2	105.6	112.6
Toluene	38200	µg/Kg	1000	<1000	12/26/02	8260/8	---	7.8	99.8	99.3	99.7

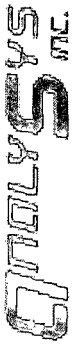
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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



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

Client: Environmental Plus, Inc.	Project ID: 2002-10312	Report#/Lab ID#: 137722
Attn: Pat McCasland	Sample Name: SELD6121702BH1-7'	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 50X	D
	8260b	none/diluted	diluted @ 50X	D

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

Exceptions Report:

Report #/Lab ID#: 137722	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312		
Sample Name: SELD6121702BH1-7'		

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

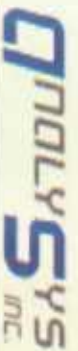
J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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 levels). Surrogate recoveries not accurately quantifiable.
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 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 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 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 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 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 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 levels). Surrogate recoveries not accurately quantifiable.

Notes:



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M. St. P.O. Box
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 137723 **Report Date:** 01/02/03
Project ID: 2002-10312
Sample Name: SELD6121702BH1-12'
Sample Matrix: soil
Date Received: 12/23/2002 **Time:** 08:00
Date Sampled: 12/17/2002 **Time:** 13:50

REPORT OF ANALYSIS

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)	717	mg/Kg	5	<5	12/27/02	8015 mod.	---	6.7	92.2	107.4	82.6
TPH by GC (as diesel-ext)	---	---	---	---	12/27/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	195	mg/Kg	5	<5	12/27/02	8015 mod.	---	3.5	99.3	95.5	85.5
Volatile organics-8260b/BTEX	---	---	---	---	12/26/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/26/02	8260b	---	5.7	92.7	93.7	96.6
Ethylbenzene	777	µg/Kg	20	<20	12/26/02	8260b	---	0.8	104.4	102	110.6
m,p-Xylenes	2390	µg/Kg	20	<20	12/26/02	8260b	---	2.9	105.5	102.8	108.1
o-Xylene	1220	µg/Kg	20	<20	12/26/02	8260b	---	2.7	109.2	105.6	112.6
Toluene	311	µg/Kg	20	<20	12/26/02	8260b	---	7.8	99.8	99.3	99.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

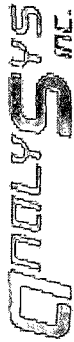
Respectfully Submitted,

Richard Lastier

Richard Lastier

QUALITY ASSURANCE DATA¹

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



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312

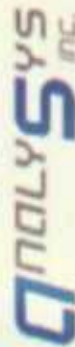
Sample Name: SELD6121702BH1-12'

Report#/Lab ID#: 137723
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	106	50-150	---
	8015 mod.	53.8	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	93.8	65-115	---
	8260b	104	50-120	---

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



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Euinee

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report# / Lab ID#: 137724 Report Date: 01/02/03

Project ID: 2002-10312

Sample Name: SELD6121702BH1-17

Sample Matrix: soil

Date Received: 12/23/2002 Time: 08:00

Date Sampled: 12/17/2002 Time: 14:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ³	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	54.1	mg/Kg	5	<5	12/30/02	8015 mod.	---	6.7	92.2	107.4	82.6
TPH by GC (as diesel-ext)	---	---	---	---	12/27/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/30/02	8015 mod.	J	3.5	99.3	95.5	85.5
Volatile organics-8260v/BTEX	---	---	---	---	12/26/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/26/02	8260b	---	5.7	92.7	93.7	96.6
Ethylbenzene	31.8	µg/Kg	20	<20	12/26/02	8260b	---	0.8	104.4	102	110.6
m,p-Xylenes	100	µg/Kg	20	<20	12/26/02	8260b	---	2.9	105.5	102.8	108.1
o-Xylene	51.1	µg/Kg	20	<20	12/26/02	8260b	---	2.7	109.2	105.6	112.6
Toluene	21.8	µg/Kg	20	<20	12/26/02	8260b	---	7.8	99.8	99.3	99.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312

Sample Name: SELD6121702BH1-17'

Report#/Lab ID#: 137724
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	72.8	50-150	---
	8015 mod.	71.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	91	65-115	---
	8260b	103	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 137724	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312		
Sample Name: SELD6121702BH1-17'		

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

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

Report#/Lab ID#: 137725 **Report Date:** 01/02/03
Project ID: 2002-10312
Sample Name: SELD6121802BH1-22
Sample Matrix: soil
Date Received: 12/23/2002 **Time:** 08:00
Date Sampled: 12/18/2002 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	86.4	mg/Kg	5	<5	12/27/02	8015 mod.	---	6.7	92.2	107.4	82.6
TPH by GC (as diesel-ext)	---	---	---	---	12/27/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	12.1	mg/Kg	5	<5	12/27/02	8015 mod.	---	3.5	99.3	95.5	85.5
Volatile organics-8260b/BTEX	---	---	---	---	12/26/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/26/02	8260b	---	5.7	92.7	93.7	96.6
Ethylbenzene	<20	µg/Kg	20	<20	12/26/02	8260b	J	0.8	104.4	102	110.6
m,p-Xylenes	44.8	µg/Kg	20	<20	12/26/02	8260b	---	2.9	105.5	102.8	108.1
o-Xylene	<20	µg/Kg	20	<20	12/26/02	8260b	J	2.7	109.2	105.6	112.6
Toluene	<20	µg/Kg	20	<20	12/26/02	8260b	J	7.8	99.8	99.3	99.7

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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.

Exceptions Report:

Report #/Lab ID#: 137725 Matrix: soil

Client: Environmental Plus, Inc.

Project ID: 2002-10312

Attn: Pat McCasland

Sample Name: SELD6121802BBH1-22

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312

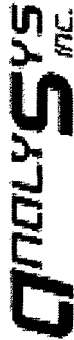
Sample Name: SELD6121802BH1-22

Report#/Lab ID#: 137725
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	64.1	50-150	---
	8015 mod.	66	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	88.8	65-115	---
	8260b	93.1	50-120	---

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



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

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

Report#/Lab ID#: 137726 **Report Date:** 01/02/03

Project ID: 2002-10312

Sample Name: SELD6121802BH1-27'

Sample Matrix: soil

Date Received: 12/23/2002 **Time:** 08:00

Date Sampled: 12/18/2002 **Time:** 11:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/30/02	8015 mod.	---	6.7	92.2	107.4	82.6
TPH by GC (as diesel-ext)	---	---	---	---	12/27/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/30/02	8015 mod.	---	3.5	99.3	95.5	85.5
Volatile organics-8260b/BTEX	---	---	---	---	12/26/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	12/26/02	8260b	---	5.7	92.7	93.7	96.6
Ethylbenzene	<20	µg/Kg	20	<20	12/26/02	8260b	---	0.8	104.4	102	110.6
m,p-Xylenes	<20	µg/Kg	20	<20	12/26/02	8260b	---	2.9	105.5	102.8	108.1
o-Xylene	<20	µg/Kg	20	<20	12/26/02	8260b	---	2.7	109.2	105.6	112.6
Toluene	<20	µg/Kg	20	<20	12/26/02	8260b	---	7.8	99.8	99.3	99.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312

Sample Name: SELD6121802BH1-27'

Report#/Lab ID#: 137726

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	71.6	50-150	---
	8015 mod.	75.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	83.6	65-115	---
	8260b	89.4	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#: 137985 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6122702BH1 5'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/27/2002 **Time:** 08:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3970	mg/Kg	50	<50	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	3380	mg/Kg	50	<50	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	6130	µg/Kg	500	<500	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	20200	µg/Kg	500	<500	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	137000	µg/Kg	500	<500	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	62000	µg/Kg	500	<500	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	60200	µg/Kg	500	<500	01/07/03	8260b	---	5.4	89.9	103.5	100.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 5'

Report#/Lab ID#: 137985
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 25X	D
	8260b	none/diluted	diluted @ 25X	D

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

Exceptions Report:

Report #/Lab ID#: 137985 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 5'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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 levels). Surrogate recoveries not accurately quantifiable.
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 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 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 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 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 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 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 levels). Surrogate recoveries not accurately quantifiable.

Notes:



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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 137986 **Report Date:** 01/13/03
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 15'
Sample Matrix: soil
Date Received: 01/03/2003 **Time:** 09:00
Date Sampled: 12/27/2002 **Time:** 08:56

REPORT OF ANALYSIS

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)	3050	mg/Kg	50	<50	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	3250	mg/Kg	50	<50	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	12600	µg/Kg	5000	<5000	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	95300	µg/Kg	5000	<5000	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	201000	µg/Kg	5000	<5000	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	70500	µg/Kg	5000	<5000	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	204000	µg/Kg	5000	<5000	01/07/03	8260b	---	5.4	89.9	103.5	100.5

QUALITY ASSURANCE DATA¹

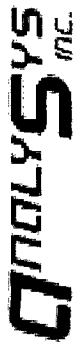
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 15'

Report#/Lab ID#: 137986
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 250X	D
	8260b	none/diluted	diluted @ 250X	D

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

Exceptions Report:

Report #/Lab ID#: 137986	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312 Lovington Deep 6"		
Sample Name: SEL6122702BH1 15'		

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

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

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☐ Sample received in appropriate container(s). State of sample preservation unknown.
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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 levels). Surrogate recoveries not accurately quantifiable.
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 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 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 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 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 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 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 levels). Surrogate recoveries not accurately quantifiable.

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

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

Report#/Lab ID#: 137987 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6122702BH1 25'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/27/2002 **Time:** 09:16

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2720	mg/Kg	50	<50	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	2610	mg/Kg	50	<50	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatle organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	11100	µg/Kg	5000	<5000	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	61800	µg/Kg	5000	<5000	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	131000	µg/Kg	5000	<5000	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	46000	µg/Kg	5000	<5000	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	136000	µg/Kg	5000	<5000	01/07/03	8260b	---	5.4	89.9	103.5	100.5

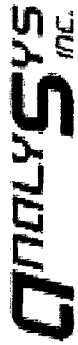
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 25'

Report#/Lab ID#: 137987
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 250X	D
	8260b	none/diluted	diluted @ 250X	D

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

Exceptions Report:

Report #/Lab ID#: 137987 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 25'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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 levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	
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 levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
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 levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	
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 levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	

Notes:



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

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

Report#/Lab ID#: 137988 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6122702BH1 35'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/27/2002 **Time:** 09:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2670	mg/Kg	50	<50	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	2000	mg/Kg	50	<50	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	5600	µg/Kg	5000	<5000	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	53700	µg/Kg	5000	<5000	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	118000	µg/Kg	5000	<5000	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	42400	µg/Kg	5000	<5000	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	102000	µg/Kg	5000	<5000	01/07/03	8260b	---	5.4	89.9	103.5	100.5

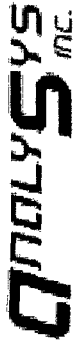
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 35'

Report#/Lab ID#: 137988
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 250X	D
	8260b	none/diluted	diluted @ 250X	D

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

Exceptions Report:

Report #/Lab ID#: 137988	Matrix: soil
Client: Environmental Plus, Inc.	Attn: Pat McCasland
Project ID: 2002-10312 Lovington Deep 6"	
Sample Name: SEL6122702BH1 35'	

Sample Temperature/Condition <=6°C

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Sample Bottles & Preservation

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J flag Discussion

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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 levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	
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 levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
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 levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	
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 levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	

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#: 137989 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6122702BH1 45'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/27/2002 **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)	2000	mg/Kg	50	<50	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	1330	mg/Kg	50	<50	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatle organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	919	µg/Kg	500	<500	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	29800	µg/Kg	500	<500	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	68500	µg/Kg	500	<500	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	25600	µg/Kg	500	<500	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	42200	µg/Kg	500	<500	01/07/03	8260b	---	5.4	89.9	103.5	100.5

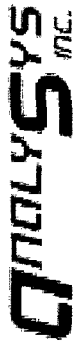
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 45'

Report#/Lab ID#: 137989
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 25X	D
	8260b	none/diluted	diluted @ 25X	D

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

Exceptions Report:

Report #/Lab ID#: 137989	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312	Lovington Deep 6"	
Sample Name: SEL6122702BH1	45'	

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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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 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 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 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 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 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 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#: 137990 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6122702BH1 55'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/27/2002 **Time:** 10:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1510	mg/Kg	50	<50	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	1100	mg/Kg	50	<50	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	5400	µg/Kg	500	<500	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	31700	µg/Kg	500	<500	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	68700	µg/Kg	500	<500	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	25500	µg/Kg	500	<500	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	70500	µg/Kg	500	<500	01/07/03	8260b	---	5.4	89.9	103.5	100.5

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6122702BH1 55'

Report#/Lab ID#: 137990
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 25X	D
	8260b	none/diluted	diluted @ 25X	D

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

Exceptions Report:

Report #/Lab ID#: 137990	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312 Lovington Deep 6"		
Sample Name: SEL6122702BH1 55'		

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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 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 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 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 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 levels). Surrogate recoveries not accurately quantifiable.
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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 levels). Surrogate recoveries not accurately quantifiable.

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Address: 1324 M.St Po Box

Eunice

NM 88231

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

Report#/Lab ID#: 137991 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH2 5'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/30/2002 **Time:** 08:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7.2	102.5	84.5	97.5

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

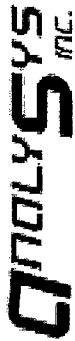
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 5'

Report#/Lab ID#: 137991
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	58.8	50-150	---
	8015 mod.	57.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	106	65-115	---
	8260b	101	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#: 137992

Report Date: 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH2 15'

Sample Matrix: soil

Date Received: 01/03/2003

Time: 09:00

Date Sampled: 12/30/2002

Time: 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7.2	102.5	84.5	97.5

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 15'

Report#/Lab ID#: 137992
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	83.9	50-150	---
	8015 mod.	94	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	102	65-115	---
	8260b	104	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#: 137993 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH2 25'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/30/2002 **Time:** 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatiles organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7.2	102.5	84.5	97.5

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 25'

Report#/Lab ID#: 137993
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	61	50-150	---
	8015 mod.	63.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	104	65-115	---
	8260b	106	50-120	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M. St Po Box

Eunice

NM 88231

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

Report# / Lab ID#: 137994 **Report Date:** 01/14/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH2 30'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/30/2002 **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	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	10.3	77.9	95.4	106.7
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7.7	90.5	100.2	97.6
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	2	109.1	111.4	116
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	0.3	101	103.1	105.1
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	1.1	106.8	110.1	112.7
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7	93.9	103.9	100.6

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Richard Laster

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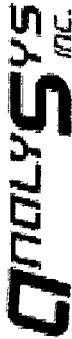
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2002-10312 Lovington Deep 6" Sample Name: SEL6123002BH2 30'	Report#/Lab ID#: 137994 Sample Matrix: soil
---	--	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	68.6	50-150	---
	8015 mod.	73.6	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	92.4	65-115	---
	8260b	97.4	50-120	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

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

Report#/Lab ID#: 137995 Report Date: 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH2 35'

Sample Matrix: soil

Date Received: 01/03/2003 Time: 09:00

Date Sampled: 12/30/2002 Time: 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL 5	Blank	Date	Method 6	Data Qual 7	Prec. 2	Recov. 3	CCV 4	LCS 4
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	---	12.9	84.4	114.3	95.7
TPH by GC (as diesel-ext)	---	---	---	---	01/06/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/06/03	8015 mod.	J	10.3	77.9	95.4	106.7
Volatiles organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	J	4	93.6	105.4	106.3
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	---	5.4	89.9	103.5	100.5

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Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 35"

Report#/Lab ID#: 137995
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	105	50-150	---
	8015 mod.	113	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	115	65-115	---
	8260b	114	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 137995 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 35'

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

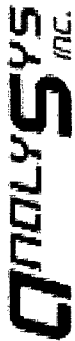
J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

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

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

Report#/Lab ID#: 137996 Report Date: 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH2 40'

Sample Matrix: soil

Date Received: 01/03/2003 Time: 09:00

Date Sampled: 12/30/2002 Time: 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/08/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/08/03	8260b	---	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/08/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/08/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/08/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/08/03	8260b	---	7.2	102.5	84.5	97.5

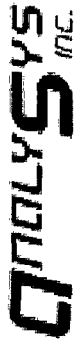
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 40'

Report#/Lab ID#: 137996
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	93.1	50-150	---
	8015 mod.	96.8	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	92.6	65-115	---
	8260b	101	50-120	---

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



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

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

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

Report#/Lab ID#: 137997 **Report Date:** 01/13/03
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 50'
Sample Matrix: soil
Date Received: 01/03/2003 **Time:** 09:00
Date Sampled: 12/30/2002 **Time:** 11:15

REPORT OF ANALYSIS

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	01/08/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	8.7	86.7	90.2	79
Volatiles organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	J	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	7.2	102.5	84.5	97.5

QUALITY ASSURANCE DATA¹

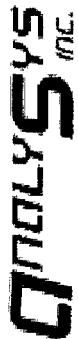
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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH2 50'

Report#/Lab ID#: 137997
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	99.7	50-150	---
	8015 mod.	105	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	92	65-115	---
	8260b	100	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 137997	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312	Lovington Deep 6"	
Sample Name: SEL6123002BH2	50'	

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

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 137998 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH3 5'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/30/2002 **Time:** 01:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	7.2	102.5	84.5	97.5

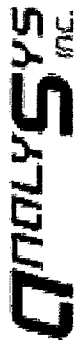
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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH3 5'

Report#/Lab ID#: 137998
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	87.7	50-150	---
	8015 mod.	93.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	95.4	65-115	---
	8260b	102	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 137998 **Matrix:** soil

Client: Environmental Plus, Inc.

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH3 5'

Attn: Pat McCasland

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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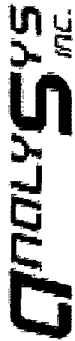
J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

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

Report#/Lab ID#: 137999 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123002BH3 15'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/30/2002 **Time:** 02:00

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	01/08/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	J	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	7.2	102.5	84.5	97.5

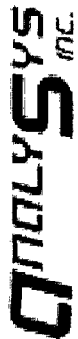
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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH3 15'

Report#/Lab ID#: 137999
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	97	50-150	---
	8015 mod.	104	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	95.2	65-115	---
	8260b	99.1	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 137999	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312	Lovington Deep 6"	
Sample Name: SEL6123002BH3	1.5'	

Sample Temperature/Condition <=6°C

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

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

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

Report#/Lab ID#: 138000 **Report Date:** 01/13/03
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH3 25'
Sample Matrix: soil
Date Received: 01/03/2003 **Time:** 09:00
Date Sampled: 12/30/2002 **Time:** 02:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	8.7	86.7	90.2	79
Volatiles organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	J	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	7.2	102.5	84.5	97.5

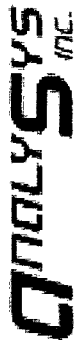
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Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH3 25'

Report#/Lab ID#: 138000
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	68.2	50-150	---
	8015 mod.	59.1	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	103	65-115	---
	8260b	104	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138000	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312 Lovington Deep 6"		
Sample Name: SEL6123002BH3 25'		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 138001 **Report Date:** 01/13/03
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH3 35'
Sample Matrix: soil
Date Received: 01/03/2003 **Time:** 09:00
Date Sampled: 12/30/2002 **Time:** 03:00

REPORT OF ANALYSIS

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	01/08/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/08/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	J	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	7.2	102.5	84.5	97.5

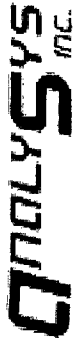
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123002BH3 35'

Report#/Lab ID#: 138001
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	88.3	50-150	---
	8015 mod.	92.8	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	93	65-115	---
	8260b	98.8	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138001	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312 Lovington Deep 6"		
Sample Name: SEL6123002BH3 35'		

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

Send Reports To:

Company Name **ESI**

Address P.O. Box 1535

City **EVINE** State **TX** Zip **75021**

ATTN: **Pat McLaughlin**

Phone **955-3434** Fax **955-242602**

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: **2002-10312** Sampler: **Core Metals**

Levinston Deep 6"

Bill to (if different):

Company Name **East Energy**

Address

City **Melnd** State **TX** Zip

ATTN: **Frank Hernandez**

Phone Fax

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)
SEL6122702-BH15'	12/27/02	8:40	1	✓			137985
SEL6122702-BH15'	12/27/02	8:54	1	✓			137986
SEL6122702-BH15'	12/27/02	9:16	1	✓			137987
SEL6122702-BH135'	12/27/02	9:46	1	✓			137988
SEL6122702-BH145'	12/27/02	10:00	1	✓			137989
SEL6122702-BH155'	12/27/02	10:15	1	✓			137990
SEL6123002-BH25'	12/30/02	8:30	1	✓			137991
SEL6123002-BH215'	12/30/02	9:00	1	✓			137992
SEL6123002-BH225'	12/30/02	9:30	1	✓			137993
SEL6123002-BH230'	12/30/02	10:00	1	✓			137994

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

Temp. 50°C

Sample Relinquished By

Sample Received By

Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Core Metals	ESI	12/30/02		Melanie Humphrey	ASI	1/3/03	0900

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

LI-INC.

4221 Freidrich Lane, Suite 3, Austin, TX 7874
(512) 444-5896

Send Reports To:

Company Name ERI

Address PO Box 1558

City Euless State nm Zip 88201

ATTN: Pat Mclelland

Phone (505) 294-3481 Fax (505) 294-2601

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: 202-10312 Sampler: Cady Mella

Sampled Dec 6"

Bill to (if different):

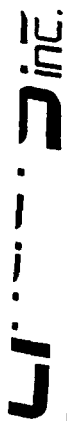
Company Name ERI

Address

City Euless State TX Zip

ATTN: Frank Hernandez

Phone Fax



4221 Freidrich Lane, Sui. 0, Austin, TX 787

(512) 444-5896

Analyses Requested (1)

Please attach explanatory information as requir

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comme
SEL612302BH235'	12/30/02	10:30	1	✓			137995	✓
SEL612302BH240'	12/30/02	11:00	1	✓			137996	✓
SEL612302BH250'	12/30/02	11:15	1	✓			137997	✓
SEL612302BH255'	12/30/02	13:00	1	✓			137998	✓
SEL612302BH315'	12/30/02	2:00	1	✓			137999	✓
SEL612302BH325'	12/30/02	2:30	1	✓			138000	✓
SEL612302BH335'	12/30/02	3:00	1	✓			138001	✓
SEL612302BH345'	12/30/02	3:30	1	✓				✓
SEL612302BH350'	12/30/02	4:00	1	✓				✓
			1	✓				✓

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

Temp. 5.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Cady Mella	ERI	12/30/02	Melanie Humphrey	ASI	1/3/03
					0900

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



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

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

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

Report#/Lab ID#: 138002 Report Date: 01/13/03
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 SUR
Sample Matrix: soil
Date Received: 01/03/2003 Time: 09:00
Date Sampled: 12/31/2002 Time: 08:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	7.2	102.5	84.5	97.5

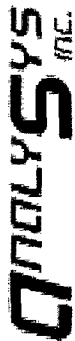
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 SUR

Report#/Lab ID#: 138002
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	88.3	50-150	---
	8015 mod.	86.8	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	93.3	65-115	---
	8260b	96.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138002 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 SUR

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 138003 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123102BH4 10'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/31/2002 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	J	6.5	98	81	94.1
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.1	117.9	117.9	116.6
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.2	109.1	108.6	106
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	3.6	116.5	115	113.6
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	7.2	102.5	84.5	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 10'

Report#/Lab ID#: 138003
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	97.7	50-150	---
	8015 mod.	96.1	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	106	65-115	---
	8260b	103	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138003	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312	Lovington Deep 6"	
Sample Name: SEL6123102BH4	10'	

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

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

Sample Bottles & Preservation

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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 138004 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123102BH4 20'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/31/2002 **Time:** 09:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	QUALITY ASSURANCE DATA ¹				
							Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	J	4	93.6	105.4	106.3
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	5.4	89.9	103.5	100.5

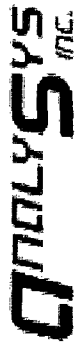
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 20'

Report#/Lab ID#: 138004
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	76.6	50-150	---
	8015 mod.	77.6	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	99	65-115	---
	8260b	107	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138004	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312	Lovington Deep 6"	
Sample Name: SEL6123102BH4 20'		

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

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

Sample Bottles & Preservation

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J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (ROL) 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.
Toluene	J	See J-flag discussion above.

Notes:



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 1324 M.St Po Box

Eunice

NM 88231

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

Report#/Lab ID#: 138005 **Report Date:** 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123102BH4 30'

Sample Matrix: soil

Date Received: 01/03/2003 **Time:** 09:00

Date Sampled: 12/31/2002 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	5.4	89.9	103.5	100.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 30'

Report#/Lab ID#: 138005
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	87.7	50-150	---
	8015 mod.	87.8	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	94.6	65-115	---
	8260b	106	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138005	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312 Lovington Deep 6"		
Sample Name: SEL6123102BH4 30'		

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

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

Report#/Lab ID#: 138006 **Report Date:** 01/13/03
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 40'
Sample Matrix: soil
Date Received: 01/03/2003 **Time:** 09:00
Date Sampled: 12/31/2002 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	5.4	89.9	103.5	100.5

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Respectfully Submitted,

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 40'

Report#/Lab ID#: 138006
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	80.2	50-150	---
	8015 mod.	77.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	87.5	65-115	---
	8260b	95.9	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138006	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312	Lovington Deep 6"	
Sample Name: SEL6123102BH4	40'	

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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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#: 138007 Report Date: 01/13/03

Project ID: 2002-10312 Lovington Deep 6"

Sample Name: SEL6123102BH4 50'

Sample Matrix: soil

Date Received: 01/03/2003 Time: 09:00

Date Sampled: 12/31/2002 Time: 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	5.4	89.9	103.5	100.5

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 50'

Report#/Lab ID#: 138007
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	92.2	50-150	---
	8015 mod.	94.6	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	86.8	65-115	---
	8260b	89.2	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138007 Matrix: soil
Client: Environmental Plus, Inc.
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 50'
Attn: Pat McCasland

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 138008 **Report Date:** 01/13/03
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 55'
Sample Matrix: soil
Date Received: 01/03/2003 **Time:** 09:00
Date Sampled: 12/31/2002 **Time:** 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	7.1	79.9	103.1	71.5
TPH by GC (as diesel-ext)	---	---	---	---	01/08/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/09/03	8015 mod.	---	8.7	86.7	90.2	79
Volatile organics-8260b/BTEX	---	---	---	---	01/07/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	7	82.6	97.1	94.9
Ethylbenzene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.1	94.7	105.4	106.8
m,p-Xylenes	<20	µg/Kg	20	<20	01/07/03	8260b	---	4	93.6	105.4	106.3
o-Xylene	<20	µg/Kg	20	<20	01/07/03	8260b	---	4.7	93.6	106.7	105.5
Toluene	<20	µg/Kg	20	<20	01/07/03	8260b	J	5.4	89.9	103.5	100.5

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 55'

Report#/Lab ID#: 138008
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	94.1	50-150	---
	8015 mod.	99.4	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	94	65-115	---
	8260b	95.6	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138008 Matrix: soil
Client: Environmental Plus, Inc. Attn: Pat McCasland
Project ID: 2002-10312 Lovington Deep 6"
Sample Name: SEL6123102BH4 55'

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

Send Reports To:

Company Name Environmental Pipe Inc.
Address PO Box 1558

City Evans State GA Zip 30331
ATTN: Bar MCBELAND
Phone 404-244-3381 Fax 404-244-3381

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: 2002-10112 Sampler: Andy McIlh
Livingston Drive 6"

Bill to (if different):

Company Name ESI
Address

City Marietta State GA Zip
ATTN: Grant Hernandez
Phone Fax

ASI
4221 Freidrich Lane, Suite 3, Austin, TX 78744
(512) 444-5896

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)
SEL6123102 BH 4 50'	12/31/02	830	1	✓			138002
SEL6123102 BH 4 10'	12/31/02	900	1	✓			138003
SEL6123102 BH 4 20'	12/31/02	930	1	✓			138004
SEL6123102 BH 4 30'	12/31/02	1000	1	✓			138005
SEL6123102 BH 4 40'	12/31/02	1030	1	✓			138006
SEL6123102 BH 4 50'	12/31/02	1100	1	✓			138007
SEL6123102 BH 4 55'	12/31/02	1130	1	✓			138008

TPH Solids
Hex Solids

Comments

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

Temp: 50°C

Sample Relinquished By

Name	Affiliation	Date
Andy McIlh	ESI	4/2/03

Sample Received By

Name	Affiliation	Date	Time
Melvin Hernandez	ASI	1/3/03	0900

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



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

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

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

Report#/Lab ID#: 138119 **Report Date:** 01/20/03
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5SUR
Sample Matrix: soil
Date Received: 01/09/2003 **Time:** 12:00
Date Sampled: 01/02/2003 **Time:** 08:30

REPORT OF ANALYSIS

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	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

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Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

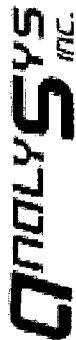
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5SUR

Report#/Lab ID#: 138119
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	71.3	50-150	---
	8015 mod.	72.5	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	92	65-115	---
	8260b	101	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: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 138120 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH5 10'

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

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Respectfully Submitted,

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 10'

Report#/Lab ID#: 138120
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	72.5	50-150	---
	8015 mod.	73	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	96.9	65-115	---
	8260b	96.5	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: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138121 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH5 20'

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 09:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 20'

Report#/Lab ID#: 138121
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	76.3	50-150	---
	8015 mod.	80.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	92.2	65-115	---
	8260b	90.9	50-120	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 138122 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH5 30'

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

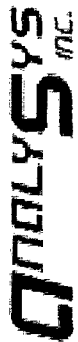
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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 30'

Report#/Lab ID#: 138122
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	72.2	50-150	---
	8015 mod.	69.5	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	92.2	65-115	---
	8260b	98.8	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: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138123 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH5 40'

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

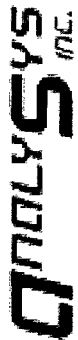
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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 40'

Report#/Lab ID#: 138123
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	63.6	50-150	---
	8015 mod.	61.1	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	87	65-115	---
	8260b	93.7	50-120	---

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



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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 138124 Report Date: 01/20/03
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 50'
Sample Matrix: soil
Date Received: 01/09/2003 Time: 12:00
Date Sampled: 01/02/2003 Time: 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

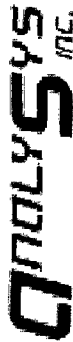
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 50'

Report#/Lab ID#: 138124
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	64.4	50-150	---
	8015 mod.	64	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	97.6	65-115	---
	8260b	98.2	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: 2100 Ave. O
Eunice NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 138125 **Report Date:** 01/20/03
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 55'
Sample Matrix: soil
Date Received: 01/09/2003 **Time:** 12:00
Date Sampled: 01/02/2003 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

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Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH5 55'

Report#/Lab ID#: 138125
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	62.1	50-150	---
	8015 mod.	60.2	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	94.5	65-115	---
	8260b	96.2	50-120	---

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



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138126 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH6SUR

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 01:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

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Respectfully Submitted,

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6SUR

Report#/Lab ID#: 138126
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	60.9	50-150	---
	8015 mod.	58.2	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	82.1	65-115	---
	8260b	88.8	50-120	---

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



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

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

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

Report#/Lab ID#: 138127 Report Date: 01/20/03
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 10'
Sample Matrix: soil
Date Received: 01/09/2003 Time: 12:00
Date Sampled: 01/02/2003 Time: 01:15

REPORT OF ANALYSIS

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	01/10/03	8015 mod.	---	3.6	75.4	99	73.6
TPH by GC (as diesel-ext)	---	---	---	---	01/09/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/10/03	8015 mod.	---	0.3	82.1	86.3	79.7
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

QUALITY ASSURANCE DATA¹

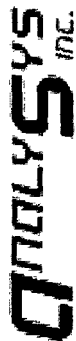
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Respectfully Submitted,

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 10'

Report#/Lab ID#: 138127
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	71.3	50-150	---
	8015 mod.	54.5	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	90.1	65-115	---
	8260b	100	50-120	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice NM 88231

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

Report#/Lab ID#: 138128 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH6 20'

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 01:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	4.8	70.1	85.5	70.3
TPH by GC (as diesel-ext)	---	---	---	---	01/13/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	6.9	85.5	86.9	90.1
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

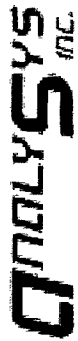
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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 20'

Report#/Lab ID#: 138128
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	63.6	50-150	---
	8015 mod.	61.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	105	65-115	---
	8260b	102	50-120	---

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



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

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

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

Report#/Lab ID#: 138129 **Report Date:** 01/20/03
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 30'
Sample Matrix: soil
Date Received: 01/09/2003 **Time:** 12:00
Date Sampled: 01/02/2003 **Time:** 01:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	4.8	70.1	85.5	70.3
TPH by GC (as diesel-ext)	---	---	---	---	01/13/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	6.9	85.5	86.9	90.1
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

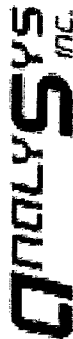
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Attn: Pat McCasland

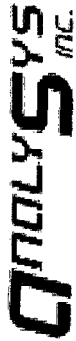
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 30'

Report#/Lab ID#: 138129
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	71.6	50-150	---
	8015 mod.	72.8	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	93	65-115	---
	8260b	94.8	50-120	---

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



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

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

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

Report#/Lab ID#: 138130 Report Date: 01/20/03
Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 40'
Sample Matrix: soil
Date Received: 01/09/2003 Time: 12:00
Date Sampled: 01/02/2003 Time: 02:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	4.8	70.1	85.5	70.3
TPH by GC (as diesel-ext)	---	---	---	---	01/13/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	6.9	85.5	86.9	90.1
Volatile organics-8260b/BTEX	---	---	---	---	01/10/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	12.2	85.6	99.7	93.3
Ethylbenzene	<20	µg/Kg	20	<20	01/10/03	8260b	---	4.4	94.8	100.7	102.5
m,p-Xylenes	<20	µg/Kg	20	<20	01/10/03	8260b	---	10.4	88.9	98.9	100.4
o-Xylene	<20	µg/Kg	20	<20	01/10/03	8260b	---	9.1	95	102.2	101.7
Toluene	<20	µg/Kg	20	<20	01/10/03	8260b	---	6.1	94.1	103.4	98.1

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 40'

Report#/Lab ID#: 138130
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	58.2	50-150	---
	8015 mod.	52.5	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	99.6	65-115	---
	8260b	104	50-120	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138131 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH6 50'

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 02:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/14/03	8015 mod.	---	4.8	70.1	85.5	70.3
TPH by GC (as diesel-ext)	---	---	---	---	01/13/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/14/03	8015 mod.	---	6.9	85.5	86.9	90.1
Volatile organics-8260b/BTEX	---	---	---	---	01/14/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/14/03	8260b	---	7.7	90.5	100.2	97.6
Ethylbenzene	<20	µg/Kg	20	<20	01/14/03	8260b	---	2	109.1	111.4	116
m,p-Xylenes	<20	µg/Kg	20	<20	01/14/03	8260b	---	0.3	101	103.1	105.1
o-Xylene	<20	µg/Kg	20	<20	01/14/03	8260b	---	1.1	106.8	110.1	112.7
Toluene	<20	µg/Kg	20	<20	01/14/03	8260b	---	7	93.9	103.9	100.6

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Richard Laster

Richard Laster

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



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 50'

Report#/Lab ID#: 138131
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	51.7	50-150	---
	8015 mod.	50.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	103	65-115	---
	8260b	104	50-120	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138132 **Report Date:** 01/20/03

Project ID: 2002-20312 Lovington Deep 6"

Sample Name: SEL61203BH6 55'

Sample Matrix: soil

Date Received: 01/09/2003 **Time:** 12:00

Date Sampled: 01/02/2003 **Time:** 03:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	4.8	70.1	85.5	70.3
TPH by GC (as diesel-ext)	---	---	---	---	01/13/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/13/03	8015 mod.	---	6.9	85.5	86.9	90.1
Volatile organics-8260b/BTEX	---	---	---	---	01/14/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/14/03	8260b	---	7.7	90.5	100.2	97.6
Ethylbenzene	<20	µg/Kg	20	<20	01/14/03	8260b	---	2	109.1	111.4	116
m,p-Xylenes	<20	µg/Kg	20	<20	01/14/03	8260b	---	0.3	101	103.1	105.1
o-Xylene	<20	µg/Kg	20	<20	01/14/03	8260b	---	1.1	106.8	110.1	112.7
Toluene	<20	µg/Kg	20	<20	01/14/03	8260b	---	7	93.9	103.9	100.6

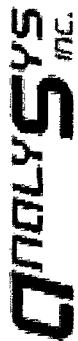
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-20312 Lovington Deep 6"
Sample Name: SEL61203BH6 55'

Report#/Lab ID#: 138132
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	57.9	50-150	---
	8015 mod.	55.3	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	105	65-115	---
	8260b	103	50-120	---

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

Send Reports To:

Company Environmental Plus Inc
 Address PO Box 1558
 City San Jose State CA Zip 95131
 ATTN: Pat McGowan
 Phone _____ Fax _____

Bill to (if different):

Company Name East Energy
 Address _____
 City _____ State _____ Zip _____
 ATTN: Frank Hernandez
 Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.): _____

Project Name/PO#: 2002-10312 Sampler: Cody Miller
Lorington Ave 6"

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)	Comments
SEL61203BH55VK	1/2/03	830	1	✓			138119	✓
SEL61203BH55VK	1/2/03	900	1	✓			138120	✓
SEL61203BH55VK	1/2/03	915	1	✓			138121	✓
SEL61203BH55VK	1/2/03	930	1	✓			138122	✓
SEL61203BH55VK	1/2/03	1000	1	✓			138123	✓
SEL61203BH55VK	1/2/03	1130	1	✓			138124	✓
SEL61203BH55VK	1/2/03	1110	1	✓			138125	✓
SEL61203BH55VK	1/2/03	1100	1	✓			138126	✓
SEL61203BH55VK	1/2/03	1115	1	✓			138127	✓
SEL61203BH55VK	1/2/03	1130	1	✓			138128	✓

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

Temp: 4.2°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Cody Miller	EP1	1/2/03	Melanie Humphrey	ASI	1/9/03

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

Phone _____
Fax _____Phone _____
Fax _____

Commissioner Deep 6"

Sampler: *John Miller*

[illegible]

Temp: 4.2°C

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



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Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138509 **Report Date:** 01/27/03

Project ID: 2002-10384 Lovington Deep 6"

Sample Name: SELD612003WSW

Sample Matrix: soil

Date Received: 01/21/2003 **Time:** 09:50

Date Sampled: 01/20/2003 **Time:** 08:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5920	mg/Kg	50	<50	01/23/03	8015 mod.	---	19	123.3	95.6	95
TPH by GC (as diesel-ext)	---	---	---	---	01/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	740	mg/Kg	50	<50	01/23/03	8015 mod.	---	15.3	122.8	88.5	109.8
Volatile organics-8260b/BTEX	---	---	---	---	01/23/03	8260b	---	---	---	---	---
Benzene	75.2	µg/Kg	20	<20	01/23/03	8260b	---	1.3	91.5	82.5	89
Ethylbenzene	1010	µg/Kg	20	<20	01/23/03	8260b	---	0.7	95	99.3	97.3
m,p-Xylenes	4270	µg/Kg	20	<20	01/23/03	8260b	---	0.7	95.5	98.4	98.1
o-Xylene	1850	µg/Kg	20	<20	01/23/03	8260b	---	1.1	95.6	97.5	99.7
Toluene	1210	µg/Kg	20	<20	01/23/03	8260b	---	1.5	95.1	80.8	91.4

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003WSW

Report#/Lab ID#: 138509
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	93.9	65-115	---
	8260b	108	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138509 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003WSW

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

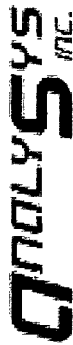
J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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 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 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 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 levels). Surrogate recoveries not accurately quantifiable.

Notes:



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

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

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

Report#/Lab ID#: 138510 **Report Date:** 01/27/03

Project ID: 2002-10384 Lovington Deep 6"

Sample Name: SELD612003ESW

Sample Matrix: soil

Date Received: 01/21/2003 **Time:** 09:50

Date Sampled: 01/20/2003 **Time:** 08:30

REPORT OF ANALYSIS

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)	364	mg/Kg	5	<5	01/22/03	8015 mod.	---	19	123.3	95.6	95
TPH by GC (as diesel-ext)	---	---	---	---	01/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	6.47	mg/Kg	5	<5	01/22/03	8015 mod.	---	15.3	122.8	88.5	109.8
Volatile organics-8260b/BTEX	---	---	---	---	01/24/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/24/03	8260b	J	0.1	96.8	104.5	103
Ethylbenzene	<20	µg/Kg	20	<20	01/24/03	8260b	J	1.3	121.8	115.2	125.6
m,p-Xylenes	38.8	µg/Kg	20	<20	01/24/03	8260b	---	0.8	119.2	112.7	119
o-Xylene	<20	µg/Kg	20	<20	01/24/03	8260b	J	0.2	117.9	117	121
Toluene	<20	µg/Kg	20	<20	01/24/03	8260b	J	1.3	106.1	110.7	109.6

QUALITY ASSURANCE DATA¹

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003ESW

Report#/Lab ID#: 138510
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	62.1	50-150	---
	8015 mod.	71.2	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	91.9	65-115	---
	8260b	110	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138510 Matrix: soil

Client: Environmental Plus, Inc.

Project ID: 2002-10384 Lovington Deep 6"

Sample Name: SELD612003ESW

Attn: Pat McCasland

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice NM 88231

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

Report#/Lab ID#: 138511 Report Date: 01/27/03

Project ID: 2002-10384 Lovington Deep 6"

Sample Name: SELD612003NSW

Sample Matrix: soil

Date Received: 01/21/2003 Time: 09:50

Date Sampled: 01/20/2003 Time: 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1090	mg/Kg	5	<5	01/22/03	8015 mod.	---	19	123.3	95.6	95
TPH by GC (as diesel-ext)	---	---	---	---	01/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	400	mg/Kg	5	<5	01/22/03	8015 mod.	---	15.3	122.8	88.5	109.8
Volatiles organics-8260b/BTEX	---	---	---	---	01/23/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/23/03	8260b	J	1.3	91.5	82.5	89
Ethylbenzene	162	µg/Kg	20	<20	01/23/03	8260b	---	0.7	95	99.3	97.3
m,p-Xylenes	447	µg/Kg	20	<20	01/23/03	8260b	---	0.7	95.5	98.4	98.1
o-Xylene	256	µg/Kg	20	<20	01/23/03	8260b	---	1.1	95.6	97.5	99.7
Toluene	145	µg/Kg	20	<20	01/23/03	8260b	---	1.5	95.1	80.8	91.4

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003NSW

Report#/Lab ID#: 138511
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	85	50-150	---
	8015 mod.	51.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	89	65-115	---
	8260b	103	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138511	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10384	Lovington Deep 6"	
Sample Name: SELD612003NSW		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138512 **Report Date:** 01/27/03

Project ID: 2002-10384 Lovington Deep 6"

Sample Name: SELD612003SSW

Sample Matrix: soil

Date Received: 01/21/2003 **Time:** 09:50

Date Sampled: 01/20/2003 **Time:** 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4310	mg/Kg	50	<50	01/23/03	8015 mod.	---	19	123.3	95.6	95
TPH by GC (as diesel-ext)	---	---	---	---	01/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	435	mg/Kg	5	<5	01/22/03	8015 mod.	---	15.3	122.8	88.5	109.8
Volatile organics-8260b/BTEX	---	---	---	---	01/22/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/22/03	8260b	---	1.3	91.5	82.5	89
Ethylbenzene	<20	µg/Kg	20	<20	01/22/03	8260b	---	0.7	95	99.3	97.3
m,p-Xylenes	42.7	µg/Kg	20	<20	01/22/03	8260b	---	0.7	95.5	98.4	98.1
o-Xylene	37.8	µg/Kg	20	<20	01/22/03	8260b	---	1.1	95.6	97.5	99.7
Toluene	<20	µg/Kg	20	<20	01/22/03	8260b	J	1.5	95.1	80.8	91.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003SSW

Report#/Lab ID#: 138512
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	51.3	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	88.9	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#: 138512 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003SSW

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.
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 levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

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Phone: (505) 394-3481

FAX: (505) 394-2601

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

Report#/Lab ID#: 138513 **Report Date:** 01/27/03

Project ID: 2002-10384 Lovington Deep 6"

Sample Name: SELD612003BHC

Sample Matrix: soil

Date Received: 01/21/2003 **Time:** 09:50

Date Sampled: 01/20/2003 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	19.6	mg/Kg	5	<5	01/23/03	8015 mod.	---	19	123.3	95.6	95
TPH by GC (as diesel-ext)	---	---	---	---	01/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	01/23/03	8015 mod.	---	15.3	122.8	88.5	109.8
Volatile organics-8260b/BTEX	---	---	---	---	01/22/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	01/22/03	8260b	---	1.3	91.5	82.5	89
Ethylbenzene	<20	µg/Kg	20	<20	01/22/03	8260b	---	0.7	95	99.3	97.3
m,p-Xylenes	<20	µg/Kg	20	<20	01/22/03	8260b	---	0.7	95.5	98.4	98.1
o-Xylene	<20	µg/Kg	20	<20	01/22/03	8260b	---	1.1	95.6	97.5	99.7
Toluene	<20	µg/Kg	20	<20	01/22/03	8260b	---	1.5	95.1	80.8	91.4

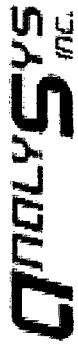
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

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Richard Laster

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003BHC

Report#/Lab ID#: 138513
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	68.2	50-150	---
	8015 mod.	68.6	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	92.3	65-115	---
	8260b	105	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: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 138514 **Report Date:** 01/27/03

Project ID: 2002-10384 Lovington Deep 6"

Sample Name: SELD612003BHPOR

Sample Matrix: soil

Date Received: 01/21/2003 **Time:** 09:50

Date Sampled: 01/20/2003 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4310	mg/Kg	50	<50	01/23/03	8015 mod.	---	19	123.3	95.6	95
TPH by GC (as diesel-ext)	---	---	---	---	01/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	4070	mg/Kg	50	<50	01/23/03	8015 mod.	---	15.3	122.8	88.5	109.8
Volatile organics-8260b/BTEX	---	---	---	---	01/22/03	8260b	---	---	---	---	---
Benzene	2690	µg/Kg	100	<100	01/23/03	8260b	---	1.3	91.5	82.5	89
Ethylbenzene	39700	µg/Kg	5000	<5000	01/22/03	8260b	---	0.7	95	99.3	97.3
m,p-Xylenes	105000	µg/Kg	5000	<5000	01/22/03	8260b	---	0.7	95.5	98.4	98.1
o-Xylene	40000	µg/Kg	5000	<5000	01/22/03	8260b	---	1.1	95.6	97.5	99.7
Toluene	69600	µg/Kg	5000	<5000	01/22/03	8260b	---	1.5	95.1	80.8	91.4

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Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003BHPOR

Report#/Lab ID#: 138514
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	105	65-115	---
Toluene-d8	8260b	105	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 138514 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10384 Lovington Deep 6"
Sample Name: SELD612003BHPOR

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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☐ Sample received in appropriate container(s). State of sample preservation unknown.
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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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 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 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 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 levels). Surrogate recoveries not accurately quantifiable.

Notes:

SHS INC.
שחש

Bill to (if different):

E.O.T.T. Energy

E.O. 1.1. LHEL
PO Box 1660

PO Box 1660

Midland TX 79702

Attn. Frank Hernandez

enviplus1@aol.com · cmmg142@aol.com

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 2002-10384 Sampler: Cody Miller
 Cody Miller
1 Livingston Dean St.
Piscataway, NJ 08854
Tel: 908.761.1232 Fax: 908.761.1232
Cell: 908.761.1232 Email: codymiller@nj.gov

✓ Cody Miller
 Display signed by
 Cody Miller
 The Cody Miller
 will perform
 Press Inc. c/o US
 Date: 2/23/12
 10:22

[illegible]

(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: 5.9°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
✓ Cody Miller FBI	ENVIRONMENTAL PLUS	1-20-03	Melanie Humphrey	ASI	1/24/03

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



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Euine NM 88231

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

Report#/Lab ID#: 140347 Report Date: 03/25/03

Project ID: 2002-10312

Sample Name: SELD6030703WSW

Sample Matrix: soil

Date Received: 03/12/2003 Time: 09:00

Date Sampled: 03/07/2003 Time: 11:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	J	4	122.4	121.2	107.6
TPH by GC (as diesel-ext)	---	---	---	---	03/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	---	8.9	91.3	97.6	84.3
Volatile organics-8260b/BTEX	---	---	---	---	03/15/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/15/03	8260b	---	5.2	97	95.9	100.4
Ethylbenzene	<20	µg/Kg	20	<20	03/15/03	8260b	J	1.9	100.6	100.1	101.3
m,p-Xylenes	<20	µg/Kg	20	<20	03/15/03	8260b	J	4.3	95.3	91.9	95.7
o-Xylene	<20	µg/Kg	20	<20	03/15/03	8260b	---	4.1	101.1	98.3	101.2
Toluene	24.1	µg/Kg	20	<20	03/15/03	8260b	---	0.4	86.2	89.6	93.2

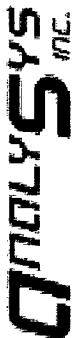
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312

Sample Name: SELD6030703WSW

Report#/Lab ID#: 140347

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-chlorooctane	8015 mod.	111	50-150	---
p-Terphenyl	8015 mod.	65.8	50-150	---
1,2-Dichloroethane-d4	8260b	106	65-115	---
Toluene-d8	8260b	119	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140347 **Matrix:** soil

Client: Environmental Plus, Inc.

Project ID: 2002-10312

Sample Name: SELD6030703WSW

Attn: Pat McCasland

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 140348 **Report Date:** 03/25/03

Project ID: 2002-10312

Sample Name: SELD6030703ESW

Sample Matrix: soil

Date Received: 03/12/2003 **Time:** 09:00

Date Sampled: 03/07/2003 **Time:** 11:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	---	4	122.4	121.2	107.6
TPH by GC (as diesel-ext)	---	---	---	---	03/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	---	8.9	91.3	97.6	84.3
Volatile organics-8260b/BTEX	---	---	---	---	03/13/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/13/03	8260b	---	7.7	117.5	94	113.5
Ethylbenzene	<20	µg/Kg	20	<20	03/13/03	8260b	J	0.8	116.5	113	126.4
m,p-Xylenes	<20	µg/Kg	20	<20	03/13/03	8260b	---	0.4	119.5	118.6	127.2
o-Xylene	<20	µg/Kg	20	<20	03/13/03	8260b	---	7.7	109.8	116.6	128.5
Toluene	<20	µg/Kg	20	<20	03/13/03	8260b	---	8.9	125.1	103.3	118.7

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Richard Laster

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

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312
Sample Name: SELD6030703ESW

Report#/Lab ID#: 140348
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-chlorooctane p-Terphenyl	8015 mod.	77	50-150	---
	8015 mod.	72.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	103	65-115	---
	8260b	111	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140348 **Matrix:** soil
Client: Environmental Plus, Inc.
Project ID: 2002-10312
Sample Name: SELD6030703ESW

Attn: Pat McCasland

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 140349 **Report Date:** 03/25/03

Project ID: 2002-10312

Sample Name: SELD6030703NSW

Sample Matrix: soil

Date Received: 03/12/2003 **Time:** 09:00

Date Sampled: 03/07/2003 **Time:** 11:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	---	4	122.4	121.2	107.6
TPH by GC (as diesel-ext)	---	---	---	---	03/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	---	8.9	91.3	97.6	84.3
Volatile organics-8260b/BTEX	---	---	---	---	03/13/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/13/03	8260b	---	7.7	117.5	94	113.5
Ethylbenzene	<20	µg/Kg	20	<20	03/13/03	8260b	J	0.8	116.5	113	126.4
m,p-Xylenes	<20	µg/Kg	20	<20	03/13/03	8260b	---	0.4	119.5	118.6	127.2
o-Xylene	<20	µg/Kg	20	<20	03/13/03	8260b	---	7.7	109.8	116.6	128.5
Toluene	<20	µg/Kg	20	<20	03/13/03	8260b	---	8.9	125.1	103.3	118.7

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312
Sample Name: SELD6030703NSW

Report#/Lab ID#: 140349
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-chlorooctane	8015 mod.	90.4	50-150	---
p-Terphenyl	8015 mod.	76.4	50-150	---
1,2-Dichloroethane-d4	8260b	109	65-115	---
Toluene-d8	8260b	117	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140349	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312		
Sample Name: SELD6030703NSW		

Sample Temperature/Condition <=6°C

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

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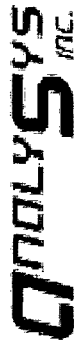
J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 140350 **Report Date:** 03/26/03

Project ID: 2002-10312

Sample Name: SELD6030703SSW

Sample Matrix: soil

Date Received: 03/12/2003 **Time:** 09:00

Date Sampled: 03/07/2003 **Time:** 11:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	---	4	122.4	121.2	107.6
TPH by GC (as diesel-ext)	---	---	---	---	03/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	03/21/03	8015 mod.	---	8.9	91.3	97.6	84.3
Volatile organics-8260b/BTEX	---	---	---	---	03/13/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	03/13/03	8260b	---	7.7	117.5	94	113.5
Ethylbenzene	<20	µg/Kg	20	<20	03/13/03	8260b	J	0.8	116.5	113	126.4
m,p-Xylenes	<20	µg/Kg	20	<20	03/13/03	8260b	---	0.4	119.5	118.6	127.2
o-Xylene	<20	µg/Kg	20	<20	03/13/03	8260b	---	7.7	109.8	116.6	128.5
Toluene	<20	µg/Kg	20	<20	03/13/03	8260b	---	8.9	125.1	103.3	118.7

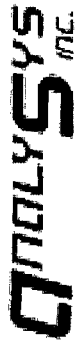
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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312
Sample Name: SELD6030703SSW

Report#/Lab ID#: 140350
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-chlorooctane p-Terphenyl	8015 mod.	111	50-150	---
	8015 mod.	101	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	102	65-115	---
	8260b	109	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 140350	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312		
Sample Name: SELD6030703SSW		

Sample Temperature/Condition <=6°C

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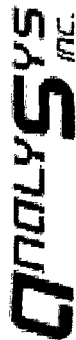
J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

NM 88231

Eunice

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 147093 Report Date: 09/23/03

Project ID: 2002-10312 Deep 6"

Sample Name: SECD69403SPN

Sample Matrix: soil

Date Received: 09/10/2003 Time: 11:00

Date Sampled: 09/04/2003 Time: 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	467	mg/Kg	5	<5	09/18/03	8015 mod.	S,M	0	Mt.Inf.	101.7	80.9
TPH by GC (as diesel-ext)	---	---	---	---	09/18/03	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/18/03	8015 mod.	---	6.1	76.5	87.5	76.6
Volatile organics-8260b/BTEX	---	---	---	---	09/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	09/15/03	8260b	---	11.3	93.7	82.8	86.7
Ethylbenzene	<20	µg/Kg	20	<20	09/15/03	8260b	---	8.7	104	109.8	102.9
m,p-Xylenes	<20	µg/Kg	20	<20	09/15/03	8260b	---	9.4	103.5	112.3	103.5
o-Xylene	<20	µg/Kg	20	<20	09/15/03	8260b	---	10.6	103.5	110.9	102.8
Toluene	<20	µg/Kg	20	<20	09/15/03	8260b	---	8	92	85.1	86.5

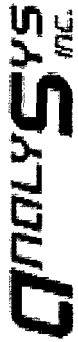
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Deep 6"
Sample Name: SECD69403SPN

Report#/Lab ID#: 147093
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	68.4	50-150	---
	8015 mod.	144	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	84.2	65-115	---
	8260b	111	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 147093	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312 Deep 6"		
Sample Name: SECD69403SPN		

Sample Temperature/Condition <=6°C

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

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as diesel)	S.M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.

Notes:



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Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

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

Report#/Lab ID#: 147094 Report Date: 09/23/03

Project ID: 2002-10312 Deep 6"

Sample Name: SECDG69403SPS

Sample Matrix: soil

Date Received: 09/10/2003 Time: 11:00

Date Sampled: 09/04/2003 Time: 12:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1990	mg/Kg	12.5	<12.5	09/18/03	8015 mod.	S,M	0	Mt.Intf.	101.7	80.9
TPH by GC (as diesel-ext)	---	---	---	---	09/18/03	3570m	---	---	---	---	---
TPH by GC (as gasoline)	10.9	mg/Kg	5	<5	09/18/03	8015 mod.	---	6.1	76.5	87.5	76.6
Volatile organics-8260b/BTEX	---	---	---	---	09/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	09/15/03	8260b	---	11.3	93.7	82.8	86.7
Ethylbenzene	<20	µg/Kg	20	<20	09/15/03	8260b	---	8.7	104	109.8	102.9
m,p-Xylenes	<20	µg/Kg	20	<20	09/15/03	8260b	---	9.4	103.5	112.3	103.5
o-Xylene	<20	µg/Kg	20	<20	09/15/03	8260b	---	10.6	103.5	110.9	102.8
Toluene	<20	µg/Kg	20	<20	09/15/03	8260b	---	8	92	85.1	86.5

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10312 Deep 6"
Sample Name: SECDG69403SPS

Report#/Lab ID#: 147094
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	63.4	50-150	---
	8015 mod.	none/diluted	diluted @ 2.5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	84.6	65-115	---
	8260b	107	50-120	---

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

Exceptions Report:

Report #/Lab ID#: 147094	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10312 Deep 6"		
Sample Name: SECDG69403SPS		

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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- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as diesel)	S,M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.
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 levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:

Bill to (if different):

Company Name Environmental Plus
Address 2100 Ave O

City Enrico State N.Y. Zip 88231
ATTN: Pat McFarland

Phone 505-394-3448 Fax 505-394-2601

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: Deep 6 " 2002-10312 Sampler: Fredrick J. ...

Company Name EOT Energy
Address 5805 N. 11th St.

City Midvale State TX Zip 79701

ATTN: Frank Hernandez

Phone 915.638.3799 Fax _____

Analyses Requested (1)

Please attach explanatory information as required

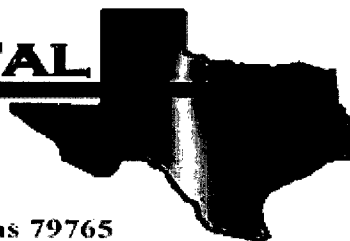
[illegible]

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

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Bradley J. [Signature]	Environmental Plus	9-4-03	William [Signature]	ASU	9/10/03

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms and conditions of sale, which are incorporated by reference into this agreement.]

E **NVIRONMENTAL** **LAB OF**



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Lovington Deep 6 inch

Project Number: 2002-10312

Location: None Given

Lab Order Number: 4K15007

Report Date: 11/22/04

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8 (30')	4K15007-01	Soil	11/09/04 08:20	11/15/04 11:18
MW-8 (60')	4K15007-02	Soil	11/09/04 09:23	11/15/04 11:18
MW-9 (35')	4K15007-03	Soil	11/09/04 13:00	11/15/04 11:18
MW-9 (60')	4K15007-04	Soil	11/09/04 13:55	11/15/04 11:18
MW-10 (35')	4K15007-05	Soil	11/10/04 08:22	11/15/04 11:18
MW-10 (60')	4K15007-06	Soil	11/10/04 09:37	11/15/04 11:18

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (30') (4K15007-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41909	11/17/04	11/18/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		105 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	J [6.15]	10.0	"	1	EK41509	11/15/04	11/16/04	EPA 8015M	J
Diesel Range Organics >C12-C35	J [8.09]	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		97.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		108 %	70-130		"	"	"	"	
MW-8 (60') (4K15007-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41909	11/17/04	11/18/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		84.3 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.8 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK41509	11/15/04	11/16/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		80.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.2 %	70-130		"	"	"	"	
MW-9 (35') (4K15007-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41909	11/17/04	11/18/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK41509	11/15/04	11/17/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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Page 2 of 10

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (35') (4K15007-03) Soil									
Surrogate: 1-Chlorooctane		90.7 %	70-130		EK41509	11/15/04	11/17/04	EPA 8015M	
Surrogate: 1-Chlorooctadecane		101 %	70-130		"	"	"	"	
MW-9 (60') (4K15007-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41909	11/17/04	11/17/04	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		91.6 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.1 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK41509	11/15/04	11/17/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		94.5 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		105 %	70-130		"	"	"	"	
MW-10 (35') (4K15007-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41909	11/17/04	11/17/04	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		92.7 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.5 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK41509	11/15/04	11/17/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		91.3 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		99.6 %	70-130		"	"	"	"	

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (60') (4K15007-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41909	11/17/04	11/18/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.9 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.8 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK41509	11/15/04	11/17/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		93.3 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		105 %	70-130		"	"	"	"	

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (30') (4K15007-01) Soil									
% Moisture	6.0		%	1	EK41601	11/15/04	11/16/04	% calculation	
MW-8 (60') (4K15007-02) Soil									
% Moisture	5.0		%	1	EK41601	11/15/04	11/16/04	% calculation	
MW-9 (35') (4K15007-03) Soil									
% Moisture	3.0		%	1	EK41601	11/15/04	11/16/04	% calculation	
MW-9 (60') (4K15007-04) Soil									
% Moisture	8.0		%	1	EK41601	11/15/04	11/16/04	% calculation	
MW-10 (35') (4K15007-05) Soil									
% Moisture	9.0		%	1	EK41601	11/15/04	11/16/04	% calculation	
MW-10 (60') (4K15007-06) Soil									
% Moisture	2.0		%	1	EK41601	11/15/04	11/16/04	% calculation	

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

Organics by GC - Quality Control
Environmental Lab of Texas

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

Batch EK41509 - Solvent Extraction (GC)

Blank (EK41509-BLK1)

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	37.0		"	50.0		74.0	70-130			
Surrogate: 1-Chlorooctadecane	40.6		"	50.0		81.2	70-130			

LCS (EK41509-BS1)

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	536	10.0	mg/kg wet	500		107	75-125			
Diesel Range Organics >C12-C35	624	10.0	"	500		125	75-125			
Total Hydrocarbon C6-C35	1160	10.0	"	1000		116	75-125			
Surrogate: 1-Chlorooctane	54.8		"	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	52.1		"	50.0		104	70-130			

Calibration Check (EK41509-CCV1)

Prepared: 11/15/04 Analyzed: 11/17/04

Gasoline Range Organics C6-C12	465		mg/kg	500		93.0	80-120			
Diesel Range Organics >C12-C35	600		"	500		120	80-120			
Total Hydrocarbon C6-C35	1060		"	1000		106	80-120			
Surrogate: 1-Chlorooctane	53.8		mg/kg wet	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	53.9		"	50.0		108	70-130			

Matrix Spike (EK41509-MS1)

Source: 4K15003-02

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	477	10.0	mg/kg dry	538	ND	88.7	75-125			
Diesel Range Organics >C12-C35	628	10.0	"	538	ND	117	75-125			
Total Hydrocarbon C6-C35	1100	10.0	"	1080	ND	102	75-125			
Surrogate: 1-Chlorooctane	53.8		"	53.8		100	70-130			
Surrogate: 1-Chlorooctadecane	50.1		"	53.8		93.1	70-130			

Matrix Spike Dup (EK41509-MSD1)

Source: 4K15003-02

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	446	10.0	mg/kg dry	538	ND	82.9	75-125	6.72	20	
Diesel Range Organics >C12-C35	596	10.0	"	538	ND	111	75-125	5.23	20	
Total Hydrocarbon C6-C35	1040	10.0	"	1080	ND	96.3	75-125	5.61	20	
Surrogate: 1-Chlorooctane	51.5		"	53.8		95.7	70-130			
Surrogate: 1-Chlorooctadecane	48.3		"	53.8		89.8	70-130			

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

Organics by GC - Quality Control
Environmental Lab of Texas

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

Batch EK41909 - EPA 5030C (GC)

Blank (EK41909-BLK1)

Prepared & Analyzed: 11/17/04

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	0.0946		"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.0873		"	0.100		87.3	80-120			

LCS (EK41909-BS1)

Prepared & Analyzed: 11/17/04

Benzene	110		ug/kg	100		110	80-120			
Toluene	111		"	100		111	80-120			
Ethylbenzene	112		"	100		112	80-120			
Xylene (p/m)	238		"	200		119	80-120			
Xylene (o)	118		"	100		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.120		mg/kg wet	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.100		116	80-120			

Calibration Check (EK41909-CCV1)

Prepared: 11/17/04 Analyzed: 11/18/04

Benzene	97.8		ug/kg	100		97.8	80-120			
Toluene	95.4		"	100		95.4	80-120			
Ethylbenzene	94.3		"	100		94.3	80-120			
Xylene (p/m)	206		"	200		103	80-120			
Xylene (o)	103		"	100		103	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.101		mg/kg wet	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.100		110	80-120			

Matrix Spike (EK41909-MS1)

Source: 4K15007-06

Prepared & Analyzed: 11/17/04

Benzene	2710		ug/kg	2500	ND	108	80-120			
Toluene	2780		"	2500	ND	111	80-120			
Ethylbenzene	2770		"	2500	ND	111	80-120			
Xylene (p/m)	5790		"	5000	ND	116	80-120			
Xylene (o)	2780		"	2500	ND	111	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.122		mg/kg dry	0.102		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.102		119	80-120			

Environmental Lab of Texas

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Page 7 of 10

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41909 - EPA 5030C (GC)

Matrix Spike Dup (EK41909-MSD1)

Source: 4K15007-06

Prepared & Analyzed: 11/17/04

Benzene	2670		ug/kg	2500	ND	107	80-120	0.930	20	
Toluene	2740		"	2500	ND	110	80-120	0.905	20	
Ethylbenzene	2770		"	2500	ND	111	80-120	0.00	20	
Xylene (p/m)	5940		"	5000	ND	119	80-120	2.55	20	
Xylene (o)	2880		"	2500	ND	115	80-120	3.54	20	
Surrogate: a,a,a-Trifluorotoluene	0.116		mg/kg dry	0.102		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.102		119	80-120			

Environmental Lab of Texas

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Page 8 of 10

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
11/22/04 08:14

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 EK41601 - General Preparation (Prep)

Blank (EK41601-BLK1)

Prepared: 11/15/04 Analyzed: 11/16/04

% Moisture	0.0	%
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Duplicate (EK41601-DUP1)

Source: 4K12010-01

Prepared: 11/15/04 Analyzed: 11/16/04

% Moisture	8.0	%	8.0	0.00	20
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Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

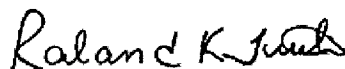
Fax: (432) 687-4914

Reported:
11/22/04 08:14

Notes and Definitions

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

Report Approved By:



Date:

11/22/2004

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

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

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Environmental Lab of Texas

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Environmental Labs of Texas

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

Chain of Custody Form

Company Name Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST																		
EPI Project Manager Iain Olness																						
Mailing Address P.O. BOX 1558																						
City, State, Zip Eunice New Mexico 88231																						
EPI Phone#/Fax# 505-394-3481 / 505-394-2601																						
Client Company Plains All American																						
Facility Name Lovington Deep 6"																						
Project Reference 2002-10312																						
EPI Sampler Name John Robinson																						
Attn: ENV Accounts Payable PO Box 4648, Houston, TX 77210-4648																						
																						
LAB I.D.	SAMPLE I.D.	# CONTAINERS	(G)RAB OR (C)OMP.	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	PRESERV.	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	PH	TCLP	OTHER >>>	PAH
4K15007																						
-01	MW-8 (30')	1	C			X					X		9-Nov	8:20	X	X						
-02	MW-8 (60')	1	C			X					X		9-Nov	9:23	X	X						
-03	MW-9 (35')	1	C			X					X		9-Nov	13:00	X	X						
-04	MW-9 (60')	1	C			X					X		9-Nov	13:55	X	X						
-05	MW-10 (35')	1	C			X					X		10-Nov	8:22	X	X						
-06	MW-10 (60')	1	C			X					X		10-Nov	9:37	X	X						
7																						
8																						
9																						
10																						
Sampled Relinquished by: <i>[Signature]</i>		Received By: <i>[Signature]</i>		E-mail results to: iolness@hotmail.com																		
Relinquished by: <i>[Signature]</i>		Received By: (lab staff) <i>[Signature]</i>		REMARKS: 3.0'C 402 glass on ice																		
Delivered by: <i>[Signature]</i>		Sample Cool & Intact Yes ☒ No ☐		Checked By: JMM																		

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

Client: Plains P/L

Date/Time: 11-15-04 @ 1145

Order #: 4K15007

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	☒ Yes	☐ No	3.0 C
Shipping container/cooler in good condition?	☒ Yes	☐ No	N/A
Custody Seals intact on shipping container/cooler?	☒ Yes	☐ No	Not present N/A
Custody Seals intact on sample bottles?	☒ Yes	☐ No	Not present
Chain of custody present?	☒ Yes	☐ No	
Sample Instructions complete on Chain of Custody?	☒ Yes	☐ No	
Chain of Custody signed when relinquished and received?	☒ Yes	☐ No	
Chain of custody agrees with sample label(s)	☒ Yes	☐ No	
Container labels legible and intact?	☒ Yes	☐ No	
Sample Matrix and properties same as on chain of custody?	☒ Yes	☐ No	
Samples in proper container/bottle?	☒ Yes	☐ No	
Samples properly preserved?	☒ Yes	☐ No	
Sample bottles intact?	☒ Yes	☐ No	
Preservations documented on Chain of Custody?	☒ Yes	☐ No	
Containers documented on Chain of Custody?	☒ Yes	☐ No	
Sufficient sample amount for indicated test?	☒ Yes	☐ No	
All samples received within sufficient hold time?	☒ Yes	☐ No	
VOC samples have zero headspace?	☒ Yes	☐ No	Not Applicable

Other observations:

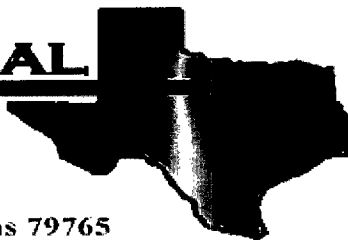
Variance Documentation:

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

Regarding:

Corrective Action Taken:

E **NVIRONMENTAL** **LAB OF**



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Lovington Deep 6 inch

Project Number: 2002-10312

Location: None Given

Lab Order Number: 4L13009

Report Date: 12/16/04

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-7 (30')	4L13009-01	Soil	12/09/04 09:10	12/13/04 13:20
MW-7 (50')	4L13009-02	Soil	12/09/04 10:05	12/13/04 13:20
MW-7 (70')	4L13009-03	Soil	12/09/04 10:55	12/13/04 13:20
MW-11 (25')	4L13009-04	Soil	12/09/04 14:00	12/13/04 13:20
MW-11 (45')	4L13009-05	Soil	12/09/04 14:45	12/13/04 13:20
MW-11 (65')	4L13009-06	Soil	12/09/04 15:30	12/13/04 13:20
MW-6 (30')	4L13009-07	Soil	12/10/04 10:24	12/13/04 13:20
MW-6 (45')	4L13009-08	Soil	12/10/04 10:53	12/13/04 13:20
MW-6 (60')	4L13009-09	Soil	12/10/04 11:25	12/13/04 13:20

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (30') (4L13009-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41402	12/13/04	12/14/04	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		112 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.1 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		83.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		83.0 %	70-130		"	"	"	"	
MW-7 (50') (4L13009-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41402	12/13/04	12/14/04	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 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		84.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		85.4 %	70-130		"	"	"	"	
MW-7 (70') (4L13009-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41402	12/13/04	12/14/04	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		92.6 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.3 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (70') (4L13009-03) Soil									
Surrogate: 1-Chlorooctane		83.6 %	70-130		EL41311	12/13/04	12/14/04	EPA 8015M	
Surrogate: 1-Chlorooctadecane		81.4 %	70-130		"	"	"	"	
MW-11 (25') (4L13009-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41402	12/13/04	12/14/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		106 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		106 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		104 %	70-130		"	"	"	"	
MW-11 (45') (4L13009-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41402	12/13/04	12/14/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		101 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		92.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		93.2 %	70-130		"	"	"	"	

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (65') (4L13009-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41503	12/14/04	12/14/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		87.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.2 %	70-130		"	"	"	"	
MW-6 (30') (4L13009-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41503	12/14/04	12/14/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		110 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		88.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.6 %	70-130		"	"	"	"	
MW-6 (45') (4L13009-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41503	12/14/04	12/14/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		108 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (45') (4L13009-08) Soil									
Surrogate: 1-Chlorooctane		82.4 %		70-130	EL41311	12/13/04	12/14/04	EPA 8015M	
Surrogate: 1-Chlorooctadecane		82.2 %		70-130	"	"	"	"	
MW-6 (60') (4L13009-09) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL41503	12/14/04	12/14/04	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		103 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		115 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL41311	12/13/04	12/14/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		83.4 %		70-130	"	"	"	"	
Surrogate: 1-Chlorooctadecane		81.8 %		70-130	"	"	"	"	

Environmental Lab of Texas

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Page 5 of 14

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (30') (4L13009-01) Soil									
% Moisture	4.2		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-7 (50') (4L13009-02) Soil									
% Moisture	3.5		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-7 (70') (4L13009-03) Soil									
% Moisture	18.1		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-11 (25') (4L13009-04) Soil									
% Moisture	2.1		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-11 (45') (4L13009-05) Soil									
% Moisture	2.3		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-11 (65') (4L13009-06) Soil									
% Moisture	19.2		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-6 (30') (4L13009-07) Soil									
% Moisture	4.6		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-6 (45') (4L13009-08) Soil									
% Moisture	1.4		%	1	EL41401	12/13/04	12/14/04	% calculation	
MW-6 (60') (4L13009-09) Soil									
% Moisture	7.9		%	1	EL41401	12/13/04	12/14/04	% calculation	

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

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 EL41311 - Solvent Extraction (GC)

Blank (EL41311-BLK1)

Prepared & Analyzed: 12/13/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	37.1		mg/kg	50.0		74.2	70-130			
Surrogate: 1-Chlorooctadecane	36.5		"	50.0		73.0	70-130			

Blank (EL41311-BLK2)

Prepared: 12/13/04 Analyzed: 12/14/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	39.0		mg/kg	50.0		78.0	70-130			
Surrogate: 1-Chlorooctadecane	37.6		"	50.0		75.2	70-130			

LCS (EL41311-BS1)

Prepared & Analyzed: 12/13/04

Gasoline Range Organics C6-C12	478	10.0	mg/kg wet	500		95.6	75-125			
Diesel Range Organics >C12-C35	499	10.0	"	500		99.8	75-125			
Total Hydrocarbon C6-C35	977	10.0	"	1000		97.7	75-125			
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	37.6		"	50.0		75.2	70-130			

LCS (EL41311-BS2)

Prepared: 12/13/04 Analyzed: 12/14/04

Gasoline Range Organics C6-C12	492	10.0	mg/kg wet	500		98.4	75-125			
Diesel Range Organics >C12-C35	503	10.0	"	500		101	75-125			
Total Hydrocarbon C6-C35	995	10.0	"	1000		99.5	75-125			
Surrogate: 1-Chlorooctane	52.0		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	41.7		"	50.0		83.4	70-130			

Calibration Check (EL41311-CCV1)

Prepared & Analyzed: 12/13/04

Gasoline Range Organics C6-C12	472		mg/kg	500		94.4	80-120			
Diesel Range Organics >C12-C35	528		"	500		106	80-120			
Total Hydrocarbon C6-C35	1000		"	1000		100	80-120			
Surrogate: 1-Chlorooctane	50.1		"	50.0		100	70-130			
Surrogate: 1-Chlorooctadecane	43.8		"	50.0		87.6	70-130			

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL41311 - Solvent Extraction (GC)

Calibration Check (EL41311-CCV2)

Prepared: 12/13/04 Analyzed: 12/14/04

Gasoline Range Organics C6-C12	483		mg/kg	500		96.6	80-120			
Diesel Range Organics >C12-C35	522		"	500		104	80-120			
Total Hydrocarbon C6-C35	1000		"	1000		100	80-120			
Surrogate: 1-Chlorooctane	51.5		"	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	48.1		"	50.0		96.2	70-130			

Matrix Spike (EL41311-MS1)

Source: 4L13002-02

Prepared: 12/13/04 Analyzed: 12/14/04

Gasoline Range Organics C6-C12	504	10.0	mg/kg dry	553	ND	91.1	75-125			
Diesel Range Organics >C12-C35	531	10.0	"	553	ND	96.0	75-125			
Total Hydrocarbon C6-C35	1040	10.0	"	1110	ND	93.7	75-125			
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	48.7		"	50.0		97.4	70-130			

Matrix Spike (EL41311-MS2)

Source: 4L13007-01

Prepared: 12/13/04 Analyzed: 12/14/04

Gasoline Range Organics C6-C12	596	10.0	mg/kg dry	575	12.3	102	75-125			
Diesel Range Organics >C12-C35	586	10.0	"	575	17.2	98.9	75-125			
Total Hydrocarbon C6-C35	1180	10.0	"	1150	29.5	100	75-125			
Surrogate: 1-Chlorooctane	57.4		mg/kg	50.0		115	70-130			
Surrogate: 1-Chlorooctadecane	52.6		"	50.0		105	70-130			

Matrix Spike Dup (EL41311-MSD1)

Source: 4L13002-02

Prepared: 12/13/04 Analyzed: 12/14/04

Gasoline Range Organics C6-C12	523	10.0	mg/kg dry	553	ND	94.6	75-125	3.70	20	
Diesel Range Organics >C12-C35	524	10.0	"	553	ND	94.8	75-125	1.33	20	
Total Hydrocarbon C6-C35	1050	10.0	"	1110	ND	94.6	75-125	0.957	20	
Surrogate: 1-Chlorooctane	51.8		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	49.5		"	50.0		99.0	70-130			

Matrix Spike Dup (EL41311-MSD2)

Source: 4L13007-01

Prepared: 12/13/04 Analyzed: 12/14/04

Gasoline Range Organics C6-C12	572	10.0	mg/kg dry	575	12.3	97.3	75-125	4.11	20	
Diesel Range Organics >C12-C35	581	10.0	"	575	17.2	98.1	75-125	0.857	20	
Total Hydrocarbon C6-C35	1150	10.0	"	1150	29.5	97.4	75-125	2.58	20	
Surrogate: 1-Chlorooctane	55.5		mg/kg	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	51.2		"	50.0		102	70-130			

Environmental Lab of Texas

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

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL41402 - EPA 5030C (GC)

Blank (EL41402-BLK1)

Prepared & Analyzed: 12/13/04

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	112		ug/kg	100		112	80-120			
Surrogate: 4-Bromofluorobenzene	100		"	100		100	80-120			

LCS (EL41402-BS1)

Prepared & Analyzed: 12/13/04

Benzene	92.3		ug/kg	100		92.3	80-120			
Toluene	95.4		"	100		95.4	80-120			
Ethylbenzene	110		"	100		110	80-120			
Xylene (p/m)	240		"	200		120	80-120			
Xylene (o)	119		"	100		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	117		"	100		117	80-120			
Surrogate: 4-Bromofluorobenzene	115		"	100		115	80-120			

Calibration Check (EL41402-CCV1)

Prepared: 12/13/04 Analyzed: 12/14/04

Benzene	90.4		ug/kg	100		90.4	80-120			
Toluene	90.3		"	100		90.3	80-120			
Ethylbenzene	94.7		"	100		94.7	80-120			
Xylene (p/m)	209		"	200		104	80-120			
Xylene (o)	108		"	100		108	80-120			
Surrogate: a,a,a-Trifluorotoluene	119		"	100		119	80-120			
Surrogate: 4-Bromofluorobenzene	103		"	100		103	80-120			

Matrix Spike (EL41402-MS1)

Source: 4L10005-01

Prepared & Analyzed: 12/13/04

Benzene	87.7		ug/kg	100	ND	87.7	80-120			
Toluene	84.5		"	100	ND	84.5	80-120			
Ethylbenzene	89.1		"	100	ND	89.1	80-120			
Xylene (p/m)	203		"	200	ND	102	80-120			
Xylene (o)	93.4		"	100	ND	93.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	111		"	100		111	80-120			
Surrogate: 4-Bromofluorobenzene	103		"	100		103	80-120			

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL41402 - EPA 5030C (GC)

Matrix Spike Dup (EL41402-MSD1)

Source: 4L10005-01

Prepared & Analyzed: 12/13/04

Benzene	99.1		ug/kg	100	ND	99.1	80-120	12.2	20	
Toluene	102		"	100	ND	102	80-120	18.8	20	
Ethylbenzene	108		"	100	ND	108	80-120	19.2	20	
Xylene (p/m)	235		"	200	ND	118	80-120	14.5	20	
Xylene (o)	114		"	100	ND	114	80-120	19.9	20	
Surrogate: a,a,a-Trifluorotoluene	115		"	100		115	80-120			
Surrogate: 4-Bromofluorobenzene	107		"	100		107	80-120			

Batch EL41503 - EPA 5030C (GC)

Blank (EL41503-BLK1)

Prepared & Analyzed: 12/14/04

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	104		ug/kg	100		104	80-120			
Surrogate: 4-Bromofluorobenzene	104		"	100		104	80-120			

LCS (EL41503-BS1)

Prepared & Analyzed: 12/14/04

Benzene	89.3		ug/kg	100		89.3	80-120			
Toluene	92.7		"	100		92.7	80-120			
Ethylbenzene	106		"	100		106	80-120			
Xylene (p/m)	236		"	200		118	80-120			
Xylene (o)	119		"	100		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	117		"	100		117	80-120			
Surrogate: 4-Bromofluorobenzene	116		"	100		116	80-120			

Environmental Lab of Texas

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Page 10 of 14

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL41503 - EPA 5030C (GC)

Calibration Check (EL41503-CCV1)

Prepared & Analyzed: 12/14/04

Benzene	95.9		ug/kg	100		95.9	80-120			
Toluene	98.3		"	100		98.3	80-120			
Ethylbenzene	102		"	100		102	80-120			
Xylene (p/m)	226		"	200		113	80-120			
Xylene (o)	111		"	100		111	80-120			
Surrogate: a,a,a-Trifluorotoluene	114		"	100		114	80-120			
Surrogate: 4-Bromofluorobenzene	112		"	100		112	80-120			

Matrix Spike (EL41503-MS1)

Source: 4L13013-02

Prepared & Analyzed: 12/14/04

Benzene	91.2		ug/kg	100	ND	91.2	80-120			
Toluene	96.5		"	100	ND	96.5	80-120			
Ethylbenzene	108		"	100	ND	108	80-120			
Xylene (p/m)	238		"	200	ND	119	80-120			
Xylene (o)	116		"	100	ND	116	80-120			
Surrogate: a,a,a-Trifluorotoluene	117		"	100		117	80-120			
Surrogate: 4-Bromofluorobenzene	119		"	100		119	80-120			

Matrix Spike Dup (EL41503-MSD1)

Source: 4L13013-02

Prepared & Analyzed: 12/14/04

Benzene	92.3		ug/kg	100	ND	92.3	80-120	1.20	20	
Toluene	97.4		"	100	ND	97.4	80-120	0.928	20	
Ethylbenzene	109		"	100	ND	109	80-120	0.922	20	
Xylene (p/m)	239		"	200	ND	120	80-120	0.837	20	
Xylene (o)	117		"	100	ND	117	80-120	0.858	20	
Surrogate: a,a,a-Trifluorotoluene	116		"	100		116	80-120			
Surrogate: 4-Bromofluorobenzene	120		"	100		120	80-120			

Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/16/04 09:38

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL41401 - General Preparation (Prep)

Blank (EL41401-BLK1)

Prepared: 12/13/04 Analyzed: 12/14/04

% Moisture	0.001	%
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Duplicate (EL41401-DUP1)

Source: 4L10023-01

Prepared: 12/13/04 Analyzed: 12/14/04

% Moisture	3.0	%	3.2	6.45	20
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Environmental Lab of Texas

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

Project: Lovington Deep 6 inch
Project Number: 2002-10312
Project Manager: Camille Reynolds

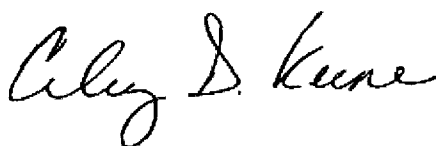
Fax: (432) 687-4914

Reported:
12/16/04 09:38

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By: _____



Date: 12/16/2004

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

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

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

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

Environmental Labs of Texas

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

Chain of Custody Form

Company Name Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST											
EPI Project Manager Iain Olness		PLAINS ALL AMERICAN PIPELINE L.P.													
Mailing Address P.O. BOX 1558		Attn: ENV Accounts Payable													
City, State, Zip Eunice New Mexico 88231		PO Box 4648,													
EPI Phone#/Fax# 505-394-3481 / 505-394-2601		Houston, TX 77210-4648													
Client Company Plains All American															
Facility Name Lovington Deep 6"															
Project Reference 2002-10312															
EPI Sampler Name Cody Fisher/John Robinson															

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	MATRIX						PRESERV.			SAMPLING		TPH 8015M	BTX 8021B	CHLORIDES (Cl)	SULFATES (SO ₄)	PH	TCLP	OTHER >>>	PAH	
			GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME									
- 01 MW-7 (30')		C 1													X	X						
- 02 MW-7 (50')		C 1													X	X						
- 03 MW-7 (70')		C 1													X	X						
- 04 MW-11 (25')		C 1													X	X						
- 05 MW-11 (45')		C 1													X	X						
- 06 MW-11 (65')		C 1													X	X						
- 07 MW-6 (30')		C 1													X	X						
- 08 MW-6 (45')		C 1													X	X						
- 09 MW-6 (60')		C 1													X	X						
10																						

Sampler Relinquished: <i>[Signature]</i>	Received By: <i>[Signature]</i>	Date/Time 12/14/04
Relinquished by: <i>[Signature]</i>	Received By: (lab staff) <i>[Signature]</i>	Date/Time 12-13-04
Delivered by: <i>[Signature]</i>	Sample Cool & Intact Yes ☒ No ☐	Checked By: J M R

REMARKS: 1.5°C
4oz glass on ice

E-mail results to: iolness@hotmail.com & cgreynolds@paalp.com seals

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

Client: Plains P/L

Date/Time: 12-13-04 @ 1320

Order #: 4L13009

Initials: JMM

Sample Receipt Checklist

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

Other observations:

Variance Documentation:

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

Regarding:

Corrective Action Taken:

ATTACHMENT II

COPY OF INITIAL C-141

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised March 17, 1999

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

Release Notification and Corrective Action

OPERATOR "INFORMATION ONLY NON-REPORTABLE" ☒ 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: Lovington Deep 6"	Facility Type Crude Oil Pipeline

Surface Owner Darr Angell	Mineral Owner	Lease No.
------------------------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter H	Section 6	Township 17S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat.: 32°52'1.132"N Lon: 103°23'16.570"W
------------------	--------------	-----------------	--------------	---------------	------------------	---------------	----------------	--

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 25 bbls	Volume Recovered 10 bbls
Source of Release 6" steel pipeline	Date and Hour of Occurrence 12-12-02 8:00 AM	Date and Hour of Discovery 12-12-02 10:00 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheeley and Sylvia Dickie, Hobbs NMOCD (left messages) Confirmed with Sylvia Dickie at 11:45 AM 12-12-02	
By Whom? Pat McCasland (Environmental Plus, Inc.)	Date and Hour: NMOCD notified on 12-12-02 10:30 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

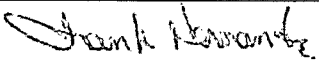
Describe Cause of Problem and Remedial Action Taken.*

The cause of the leak was internal/external corrosion. The contaminated soil was stockpiled on a plastic barrier. Disposing at South Monument SWF

Describe Area Affected and Cleanup Action Taken.*

Spill Area = ~6,000 ft² Near surface soil will be characterized in accordance with 40 CFR 261 and with NMOCD approval, disposed of in a NMOCD approved facility. The site will be delineated and remediated.

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

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: December 12, 2002 Phone: 915.638.3799	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary