

SITE CLOSURE DOCUMENTATION

WALLEN TONTO 4"

LINK REF: 2003-00309

NW¼ of the NE¼ of Section 30, Township 19 South, Range 33 East LEA COUNTY, NEW MEXICO

~33.71 MILES WEST-SOUTHWEST (254°) OF

HOBBS, LEA COUNTY, NEW MEXICO 18910

LATITUDE: N32° 38' 6.77"

LONGITUDE: W103° 42

0113 0633

MAY 11, 2004

Pacility - FRAC 0603451706e Inspect - & PA C0603451852PREPARED BY: Incident - nPAC0602451882

application-pPACO602452079

Environmental Plus. Inc.

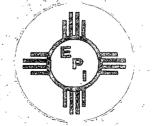
2100 Avenue O

P.O. Box 1558

Eunice, NM 88231

Phone: (505)394-3481

FAX: (505)394-2601



11 May 2004

Mr. Larry Johnson NM Energy, Minerals, and Natural Resources Department New Mexico Oil Conservation Division – Environmental Bureau 1625 North French Drive Hobbs, NM 88240

Re:

Site Closure Documentation Link Energy Wallen Tonto 4" #2003-00309

UL-B Section 30 T19S R33E, Lea County, New Mexico

Land Owner: Bureau of Land Management

Dear Mr. Johnson,

Environmental Plus, Inc. (EPI), on behalf of Mr. Jimmy Bryant, Link Energy, submits for your consideration this *Site Closure Documentation* for the above-referenced site. This report documents the delineation of the vertical and horizontal extents of hydrocarbon contamination at the site, the blending of the contaminated soil to below NMOCD remedial thresholds with clean soil obtained from the right-of-way and the backfilling of the excavation with the blended soil. The completion of this project is consistent with the initial C-141 and Remediation Plan submitted to the NMOCD on October 28, 2003. EPI, on behalf of Link Energy, therefore requests that the NMOCD consider the information included in this report and issue a "*No Further Action*" letter for the site.

All official correspondence should be addressed to:

Mr. Jimmy Bryant Link Energy P.O. Box 1660 5805 East Highway 80 Midland, Texas 79703

Should you have any questions or concerns, please feel free to contact Mr. Ben Miller or me at EPI's office or at (505) 390-0288 or (505) 390-7306, respectively. Mr. Jimmy Bryant of Link Energy can be contacted at (432) 684-3497.

Sincerely,

ENVIRONMENTAL PLUS, INC.

Iain Olness, P.G.

Hydrogeologist

cc: Jimmy Bryant, Link Energy – Midland

Jeff Dann, Link Energy – Houston Sherry Miller, EPI President

Ben Miller, EPI Vice President and General Manager

A Hobbs Oco

NVIRONMENTAL

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1.0 Introduction and Background

This report addresses the site investigation and remediation of a release of crude oil from the Link Energy, LLC Wallen Tonto 4-inch gathering line. On October 23, 2003, Environmental Plus, Inc. (EPI) was notified by Link Energy regarding a newly discovered crude oil release. EPI personnel mobilized to the site on October 23, 2003 and commenced excavation activities.

The Initial C-141 – *Release Notification and Corrective Action* form was submitted to the New Mexico Oil Conservation Division (NMOCD) on October 28, 2003 documenting the release of approximately 10 barrels (bbls) of crude oil with the subsequent recovery of 8 bbls of crude oil.

The release site is located in the NW¼ of the NE¼ of Section 30, Range 33 East, Township 19 South. (reference Figure 1).

2.0 Delineation

EPI mobilized to the site on October 23, 2003 and initiated excavation activities. The initial excavation activities consisted of exposing the origin of the release in order to repair the line. Once the release origin was exposed and repaired with a temporary patch and clamp, excavation of the saturated soil continued. Excavation activities continued until such time that visual observations indicated that the impacted soil had been removed. The excavated soil was blended with clean soil from the adjacent right-of-way and returned to the excavation basin. Confirmatory samples were not collected from the bottom and sidewalls of the excavation, nor was a confirmatory sample collected from the blended soil.

Due to the fact that confirmatory samples had not been collected from the excavation, a soil boring was advanced through the approximate center of the excavation on October 29, 2003. Soil samples were collected at discrete intervals and analyzed in the field for the presence of organic vapors. Samples were also collected and submitted to AnalySys, Inc. in Austin, Texas for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX) via Environmental Protection Agency (EPA) Method 8260B and total petroleum hydrocarbons (TPH) as diesel and gasoline via EPA Method 8015 modified. Analytical results for this soil boring indicated contaminant concentrations existed above the New Mexico Oil Conservation Division (NMOCD) remedial thresholds to depths of at least 10 feet below ground surface (BGS).

As contamination remained above the NMOCD remedial thresholds, it was recommended that the release be excavated to a depth of at least 10 feet BGS, or until field analyses of bottom and sidewall samples indicated organic vapor concentrations of <100 parts per million (ppm). Upon achieving field readings of <100 ppm, it was recommended that confirmatory soil samples be collected from the bottom and sidewalls of the excavation and submitted for quantification of BTEX via EPA Method 8026B and TPH as diesel and gasoline via EPA Method 8015 modified.

The New Mexico Office of the State Engineers database indicates there are no water supply wells within a one-mile radius of the release site and there are no surface water bodies within a 1,000-foot radius of the release site. Based on this information, it was determined that the remedial goals for the site were to remediate soil impacted with TPH as diesel and gasoline above 5,000 milligrams per kilogram (mg/Kg), benzene above 10 mg/Kg and total BTEX above 50 mg/Kg.

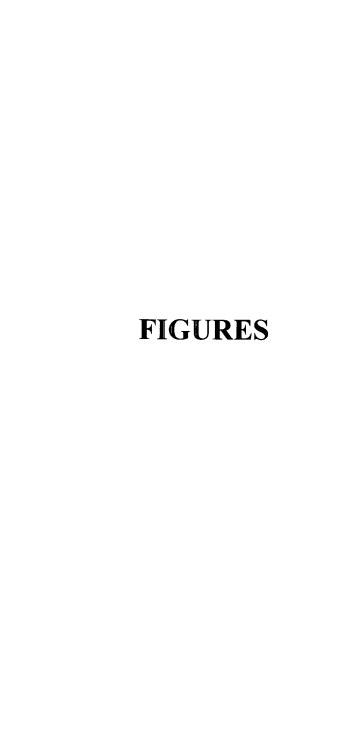
Excavation activities commenced on February 18, 2004 and continued through March 22, 2004 with approximately 3,450 cubic yards of soil excavated and blended with approximately 7,650 cubic yards of clean soil obtained from along the right-of-way. The soil blending and backfilling activities were completed on April 21, 2004. During excavation activities, historical releases were encountered that resulted in the additional excavation (reference Figure 3). Upon completion of the excavation, composite samples were collected from the bottom and sidewalls of the excavation and submitted for quantification of TPH and BTEX. Analytical results for these samples indicated TPH concentrations ranging from non-detectable (ND) at or above the laboratory method detection limit (MDL) to 1,672 mg/Kg, benzene concentrations were reported as ND and total BTEX concentrations ranged from ND to 0.306 mg/Kg. Analytical results for final closure samples were below the NMOCD remedial threshold for TPH of 5,000 mg/Kg, benzene of 10 mg/Kg and total BTEX of 50 mg/Kg. (reference Table 2 and Appendix A).

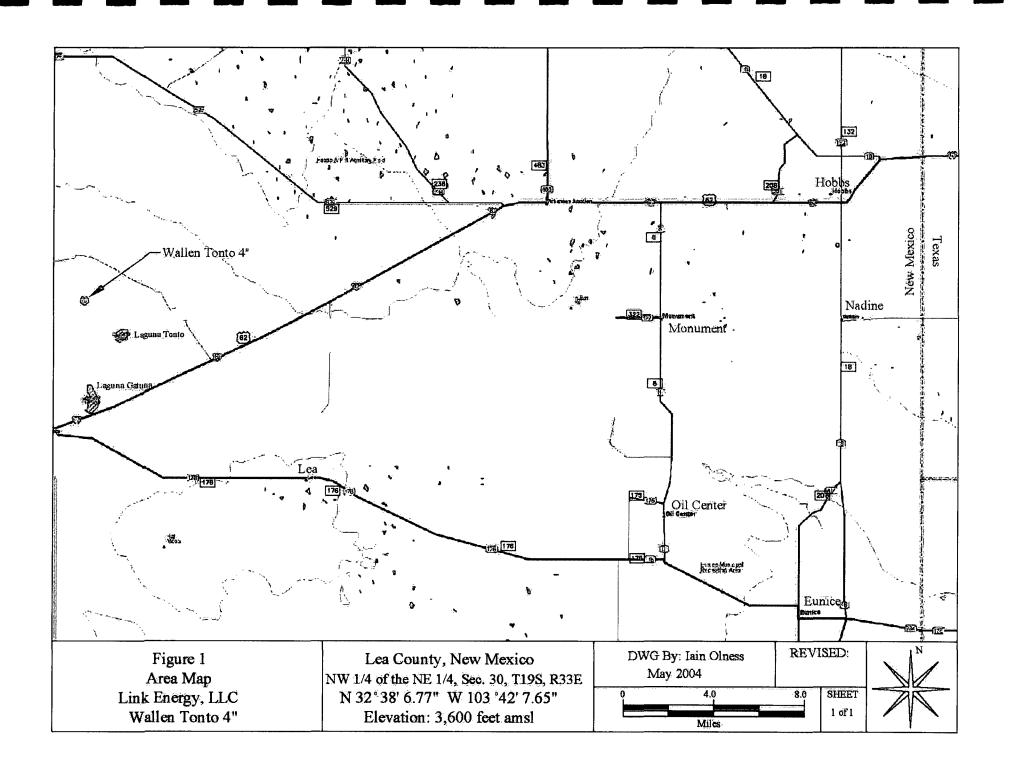
3.0 Remediation Activities

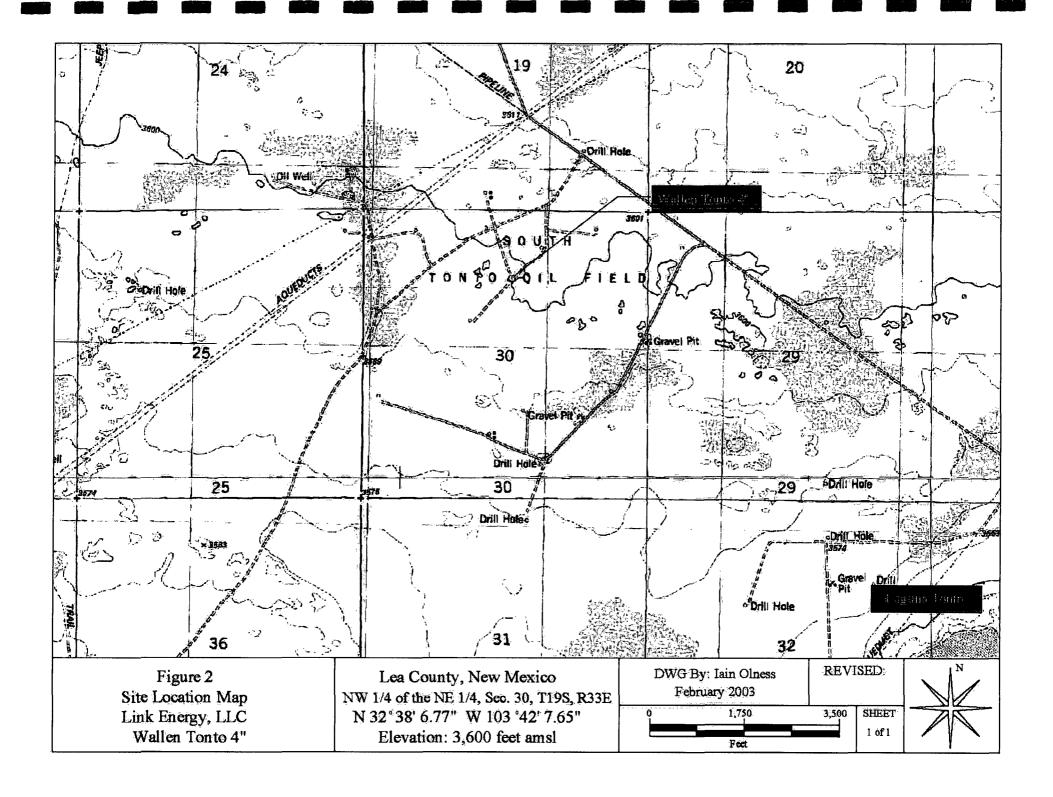
Remediation of the site commenced on February 18, 2004 and continued through April 21, 2004. Remediation activities included the excavation and blending of 3,450 cubic yards of contaminated soil from the excavation (reference Figure 3). The contaminated soil excavated from the site was blended with approximately 7,650 cubic yards of clean soil obtained from the right-of-way. Clean fill material (caliche) was purchased from the New Mexico Bureau of Land Management (BLM) to repair the access road and the site restored to pre-release conditions and contoured for proper drainage.

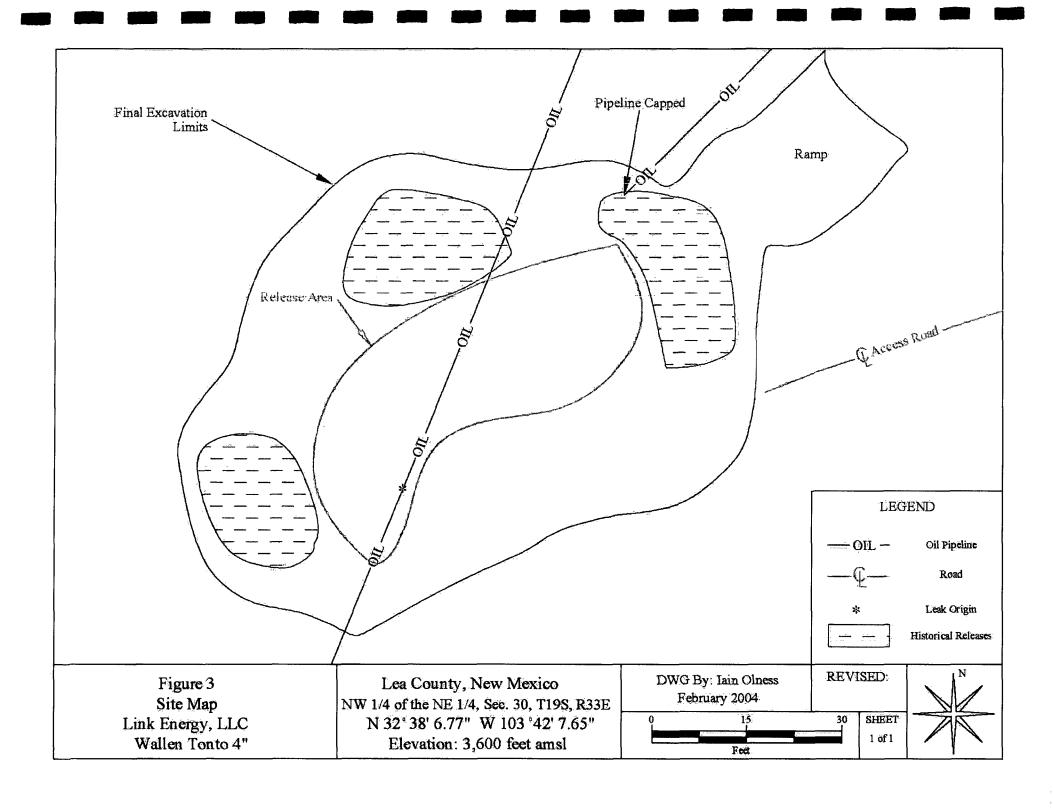
4.0 Closure Justification

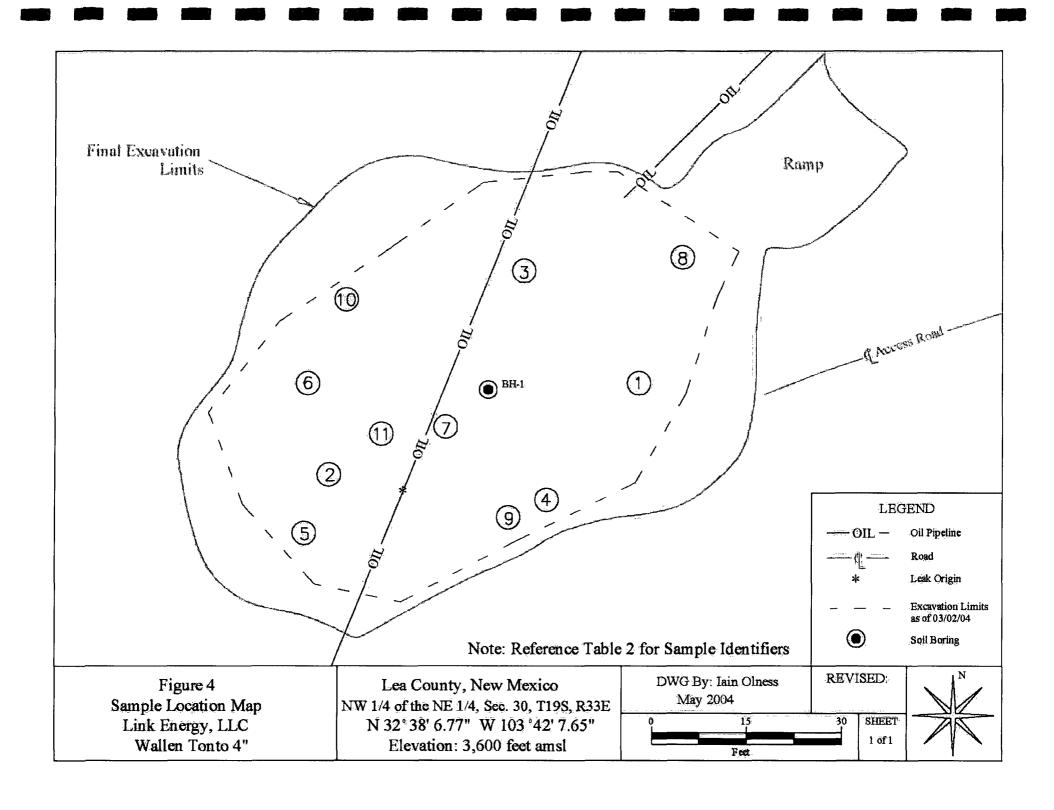
The information provided in this report documents the delineation of a release of approximately 10 barrels of crude oil and three historical releases from the Wallen Tonto 4-inch gathering line located in the NW¼ of the NE¼ of Section 30, Township 19 South, Range 33 East, Lea County, New Mexico and the successful remediation of said release. Contaminated soil above the NMOCD threshold of 5,000 parts per million (ppm) was excavated (3,450 cubic yards) and blended onsite with soil obtained from the right-of-way. The excavation was backfilled with the blended soil and properly contoured to provide adequate drainage. Based on the data presented in this report, Environmental Plus, Inc., on behalf of Link Energy, requests that the NMOCD require "no further action" at this site.











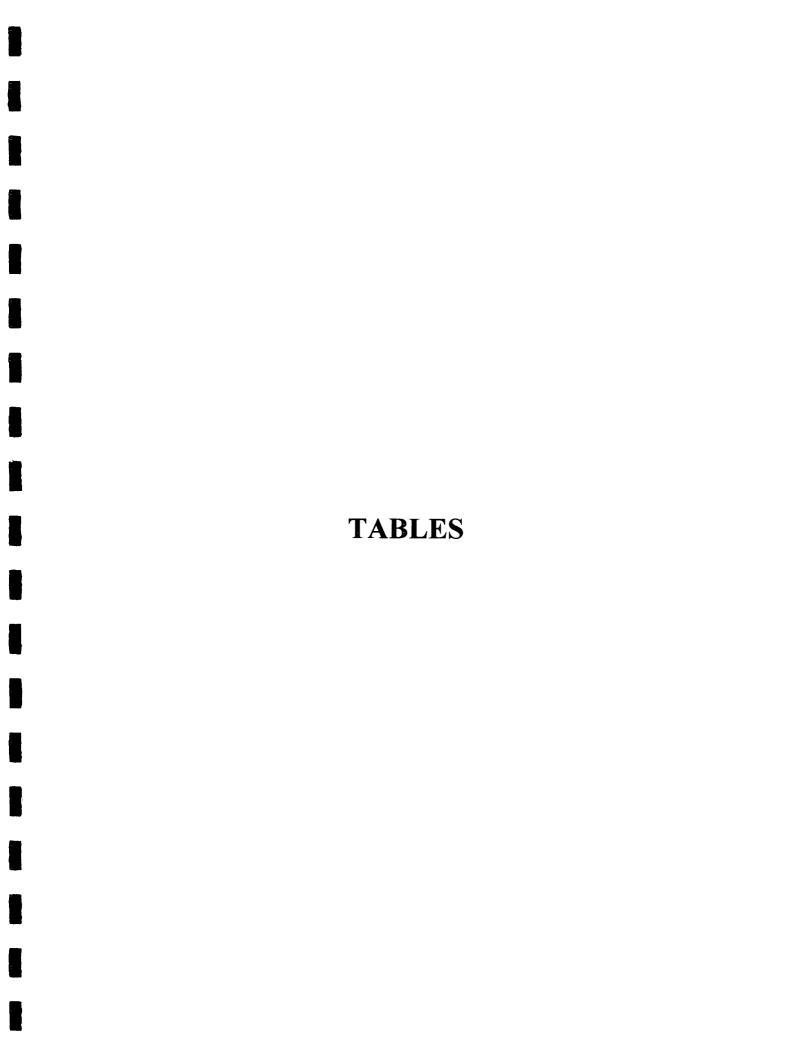


TABLE 1

Soil Boring Analytical Results Summary

Link Energy Wallen Tonto 4" Gathering to Maljamar Station UL-B, NW 1/4 of the NE1/4, Sec. 30, T19S, R33E, Lea County, NM

SAMPLE ID#	Date	Sample Location	Sampling Depth (FT. BGS)	Lithology	VOC Headspace	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethylbenzene (ug/Kg)	m,p-Xylene (ug/Kg)	o-Xylene (ug/Kg)	Total Xylenes (ug/Kg)	Total BTEX (ug/Kg)	TPH as diesel (mg/Kg)	TPH as gasoline (mg/Kg)	Total TPH (mg/Kg)
SLEWT102903BH1-2	10/29/03	Soil Boring #1	2	Dark Brown Sand	570	165	7,430	11,000	24,300	9,980	34,280	52,875	8,860	1,130	9,990
SLEWT102903BH1-5'	10/29/03	Soil Boring #1	5	Dark Brown Sand	385	<20	<20	1,130	800	<20	800	1,930	2,750	278	3,028
SLEWT102903BH1- 10'	10/29/03	Soil Boring #1	10	Dark Brown Sand and Rock	233	20	24	2,550	4,410	1,750	6,160	8,755	16,700	1,200	17,900
SLEWT102903BH1- 15'	10/29/03	Soil Boring #1	15	Light Brown Sand	10.4	<20	<20	<20	<40	<20	<40	<40	<5	<5	<5
SLEWT102903BH1- 20'	10/29/03	Soil Boring #1	20	Red Clay	3.2	<20	<20	<20	<40	<20	<40	<40	<5	<5	<5
		jungan Maran and an alayan		45 KT 44		بدر مید. بدر مید دار در	om jordanska	maria reference and an artist of	Singipulation of the contract	e e de la companya d	 	t de la transferior	ا القاه تلت المساور و الشي	Carre Della College	والموجد يقودانيه
New Mexico Oil Conserv	vation Divis	sion Remedial Th	resholds			10,000						50,000			5,000

Note: Results in Bold and shaded are above the NMOCD Remedial Thresholds

TABLE 2

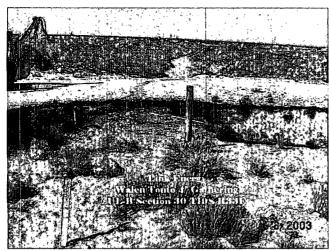
Excavation Analytical Results Summary

Link Energy Wallen Tonto 4" Gathering to Maljamar Station UL-B, NW 1/4 of the NE1/4, Sec. 30, T19S, R33E, Lea County, NM

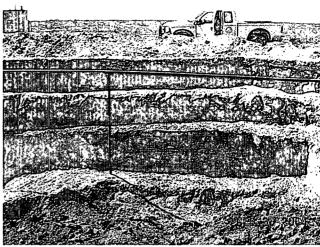
MAP ID	SAMPLE ID#	Date	Sample Location	Sampling Depth (FT. BGS)	Lithology	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethylbenzene (ug/Kg)	m,p-Xylene (ug/Kg)	o-Xylene (ug/Kg)	Total Xylenes (ug/Kg)	BTEX (ug/Kg)	DRO (mg/Kg)	GRO (mg/Kg)	TPH (mg/Kg)
	SLEWTOSOTOANES	03/01/04	Northeast Sidewall	8	Sand & Clay	126	230	1,850	3,330	161	3,491	5,697	9,030	1,100	10,130
2	SLEWTOSOTOTIS	03/01/04	Bottom Hole		Sand & Clay	320	856	3.330	5,640	11940	7,580	12,086	17,400	2,140	19,540
33	SLEWT030204NW8	03/02/04	North Sidewall		Sand & Clay	294	784	4310.	8,670	***************************************	9,663	15251	14,800	2350	17,150
4	SLEWT030204EW8'	03/02/04	East Sidewall	8	Sand & Clay	ND	42.9	48.0	125	26.8	152	243	26.2	ND	26.2
5	SLEWT030204SW8'	03/02/04	South Sidewall	8	Sand & Clay	ND	26.5	33.6	69.2	ND	69.2	129	ND	ND	ND
6	SLEWT030204SWW8'	03/02/04	Southwest Sidewall	8	Sand & Clay	ND	34.1	32.7	68.8	ND	68.8	136	731	8.08 ^A	739
	SLEWT030204BHSP	03/02/04	Bottom Hole Composite	115	Saod & Clay	97.6	302	296	1,160	693	1,853	2,549	8.250	819;;;;	9,069
	SLEWT030204BC	03/02/04	Blending Composite		Sand & Clay	ND	38,3	43,5	163	61.6	225	306	3,480	309	3,789
8	SLEWT032304NW12'	03/23/04	North Sidewall	12'	Sand & Clay	ND	ND	ND	35.3	ND	35.3	35.3	1,600	71.6	1,672
9	SLEWT032304EW13'	03/23/04	East Sidewall	13'	Sand & Clay	ND	ND	ND	ND	ND	ND	ND	590	9.59 ^A	599
10	SLEWT032304WW13'	03/23/04	West Sidewall	13'	Sand & Clay	ND	ND	ND	ND	ND	ND	ND	281	ND	281
11	SLEWT032304BH20'	03/23/04	Bottom Hole Composite	20'	Sand & Clay	ND	ND	ND	45.6	ND	45.6	45.6	233	6.58 ^A	239
	New Mexico Oil Consevation	n Division R	emedial Threshol	ds	(A) (CANALLY (A)	10,000						50,000	11513 127J 113	Paradate a	5,000

A Detected but below the Reporting Limit; therefore, result is an estimated concentrations (CLP J-Flag) Shaded samples indicate that the soil was removed during future excavation activities. Reference Figure 4 for sample locations

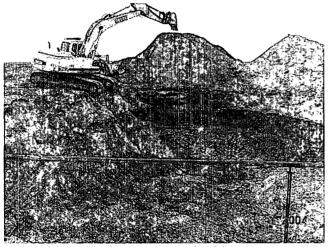
APPENDIX I SITE PHOTOGRAPHS



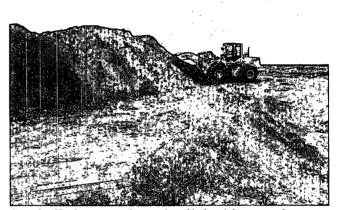
Initial release, looking northerly.



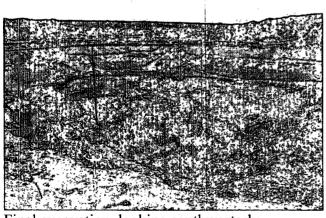
South sidewall of excavation, looking south.



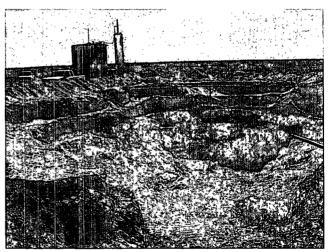
West sidewall of excavation, looking west.



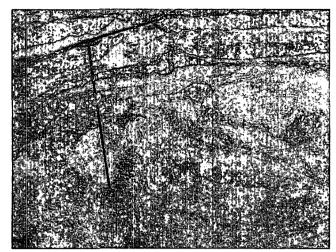
Stockpiled contaminated soil, looking north.



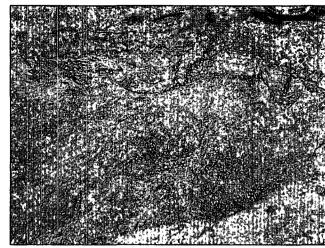
Final excavation, looking southwesterly.



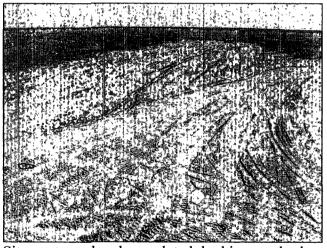
Final excavation, looking south.



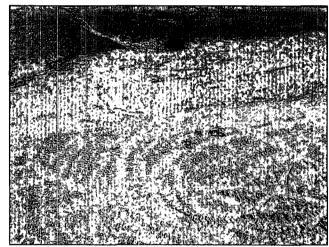
Final excavation, looking westerly.



Final excavation, looking northerly.



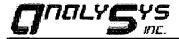
Site contoured and completed, looking northerly.



Site contoured and completed, looking westerly.

APPENDIX II

ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS



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

OUALITY ASSURANCE DATA¹

Environmental Plus, Inc. Report

Attn: Pat McCasland
Address: 2100 Ave. O

Client:

Eurice NM 88231

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

Report#/Lab ID#: 148952 Report Date: 11/04/03

Project ID: 2003-00309

Sample Name: SLEWT102903BH1-2'

Sample Matrix: soil

Date Received: 10/31/2003 Time: 10:25 **Date Sampled:** 10/29/2003 Time: 09:30

REPORT OF ANALYSIS

-									ELICE DE		
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)	8860	mg/Kg	250	<250	10/31/03	8015 mod.		9.2	77.2	104.7	76.7
TPH by GC (as diesel-ext)				-,	10/31/03	3570m			_	·	
TPH by GC (as gasoline)	1130	mg/Kg	50	<50	10/31/03	8015 mod.		8	85.2	108.2	88.5
Volatile organics-8260b/BTEX					11/04/03	8260b(5030/5035)					
Benzene	1,65	μg/Kg	20	<20	11/04/03	8260ь		2,7	98	105.4	94.4
Ethylbenzene	11000	μg/Kg	1000	<1000	11/03/03	8260b		8	107	107.5	100.2
m,p-Xylenes	24300	μg/Kg	2000	<2000	11/03/03	82606		7.5	105.3	106.8	97.3
o-Xylene	9980	μg/Kg	1000	<1000	11/03/03	8260b		8.5	110:3	102.7	102.3
Toluene	7,43,0	μg/Kg	1000	<1000	11/03/03	8260b		1	99	109.5	95.8

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

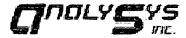
Respectfully Submitted,

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 optentially present between the PQL and the MDL. B – Analyte detected in associated method blank(s). \$1 – MS and/or MSD recovery exceed advisory limits. \$2 – Post digestion spike (PDS) recovery, exceeds advisory limit. M – Matrix interference.

Page#: 1 Report Date: 11/04/03



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

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Project ID: 2003-00309

Sample Name: SLEWT102903BH1-2'

Report#/Lab ID#: 148952

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Mcthod	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted.	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4	8260b	85.1	65-115	
Toluene-d8	8260b	106	50-120	

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

Page#: 2 Report Date: 11/04/03

Exceptions Report:

Report #/Lab ID#: 148952 Matrix: soil

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Project ID: 2003-00309

Sample Name: SLEWT102903BH1-2'

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.

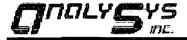
J flag Discussion

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 OC data:

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

_		
N	ntr	



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 F

FAX: (505) 394-2601

Report#/Lab ID#: 148953 Report Date: 11/04/03

Project ID: 2003-00309

Sample Name: SLEWT102903BH1-5

Sample Matrix: soil

Date Received: 10/31/2003 Time: 10:25 **Date Sampled:** 10/29/2003 Time: 09:50

<u>REPORT OF ANALYSIS</u> <u>OUALITY ASSURANCE DATA</u>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)	2750	mg/Kg	25	<25	10/31/03	8015 mod.		9.2	77,2	104.7	76.7
TPH by GC (as diesel-ext)					10/31/03	3570m	 ·				
TPH by GC (as gasoline)	278	mg/Kg	5	<5	10/31/03	8015 mod.		-8	85.2	108.2	88.5
Volatile organics-8260b/BTEX	*				11/04/03	8260b(5030/5035)					
Benzene	<20	μg/Kg	20	<20	11/04/03	8260b	***	2.7	98	105.4	94.4
Ethylbenzene	1130	μg/Kg	20	<20	11/04/03	8260b		-8	107	107.5	100.2
m,p-Xylenes	800	μg/Kg	40	<40	11/04/03	8260b		7.5	105.3	106.8	97.3
o-Xylene	<20	μg/Kg	20	<20	11/04/03	8260b	J	8:5	110.3	102.7	102.3
Toluene	<20	μg/Kg	20	<20	11/04/03	8260b	description	1	99	109.5	95.8

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

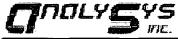
Richard Laster

Richard Laster

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Report Date: 11/04/03

Page#: 1



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

Client: Environmental Plus, Inc.
Attn: Pat McCasland Project ID: 2003-00309
Sample Name: SLEWT102903BH1-5' Report#/Lab ID#: 148953
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chloreoctane	8015 mod.	110	50-150	
p-Terphenyl	8015 mod.	none/diluted.	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	82.6	65-115	
Toluene-d8	8260b	97.6	50-120	

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

Page#: 2 Report Date: 11/04/03

Exceptions Report:

Report #/Lab ID#: 148953 Matrix: soil

Client: Environmental Plus, Inc. Attn: Pat McCasland

Project ID: 2003-00309

Sample Name: SLEWT102903BH1-5'

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 Böttles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xytene	1	See I-flag discussion above.
p-Terphenyl p-Terphenyl		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:			
NORES:			
-			



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#: 148954 Report Date: 11/04/03

Project ID: 2003-00309

Sample Name: SLEW102903BH1-10'

Sample Matrix: soil

Date Received: 10/31/2003 Time: 10:25 **Date Sampled:** 10/29/2003 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)	1.67.00	mg/Kg	250	<250	10/31/03	8015 mod.		9.2	77.2	104.7	76.7
TPH by GC (as diesel-ext)			-		10/31/03	3570m					
TPH by GC (as gasoline)	1200	mg/Kg	50	<50	10/31/03	8015 mod.		-8	85.2	108.2	88.5
Volatile organics-8260b/BTEX					11/04/03	8260b(5030/5035)					
Benzene	20.2	μg/Kg	20	<20	11/04/03	8260b		2.7	98	105.4	94.4
Ethylbenzene	2550	μg/Kg	20	<20	11/04/03	8260ь		8	107	107.5	100.2
m,p-Xylenes	4410	μg/Кg	40	<40	11/04/03	8260b		7.5	105.3	106.8	97.3
o-Xylene	1750	μg/ K g	20	<20	11/04/03	8260b		8:5	110:3	102.7	102.3
Toluene	24.4	μg/Kg	20	<20	11/04/03	8260b		1	99	109.5	95.8

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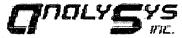
Respectfully Submitted.

Respectionly Submitted,

Richard Laster

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Page#: 1 Report Date: 11/04/03



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

Client: Environmental Plüs, Inc.
Attn: Pat McCasland

Project ID: 2003-00309
Sample Name: SLEW102903BH1-10'
Report#/Lab ID#: 148954
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Mcthod	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted.	diluted @ 5X	D
p-Terphenyl	8015 mod.	nonc/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4	8260b	80.9	65-115	
Toluene-d8	8260b	90.1	50-120	

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

Page#: 2 Report Date: 11/04/03

Exceptions Report:

Report #/Lab ID#: 148954 Matrix: soil

Client: Environmental Plus, Inc. Attn: Pat McCasland

Project ID: 2003-00309

Sample Name: SLEW102903BH1-10'

Sample Temperature/Condition <=6°C

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

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

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

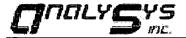
J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1-Chlorooctane 1-Chlorooctane		Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl p-Terphenyl		Sample diluited 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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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#: 148955

Report Date: 11/04/03

Project ID: 2003-00309

Sample Name: SLEWT102903BH1-15'

Sample Matrix: soil

Date Received: 10/31/2003 Time: 10:25 Date Sampled: 10/29/2003 Time: 10:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Únits	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	10/31/03	8015 mod.		9.2	77.2	104.7	76.7
TPH by GC (as diesel-ext)					10/31/03	3570m	 ·				
TPH by GC (as gasoline)	<5	rng/Kg	5	<5.	10/31/03	8015 mod.		-8	85.2	108.2	88.5
Volatile organics-8260b/BTEX					11/03/03	8260b(5030/5035)	***				
Benzene	<20	μg/Kg	20	<20	11/03/03	8260b		2.7	98	105.4	94.4
Ethylbenzene	<20	μg/Kg	20	<20	11/03/03	8260b		8	107	107.5	100.2
m,p-Xylenes	<40	μg/Kg	40	<40	11/03/03	82605		7.5	105.3	106.8	97.3
o-Xylene	<20	μg/Kg	20	<20	11/03/03	8260b		8.5	110.3	102.7	102.3
Toluene	<20	µg/Кg	20	<20	11/03/03	8260b		1	99	109.5	95.8

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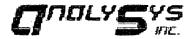
Respectfully Submitted,

Richard Faster

Richard Laster

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Page#: 1 Report Date: 11/04/03



35:12 Montopolis Drive, Austin, TX 78744 & 2209 N. Padre Island Dr., Corpus Christi, TX 78408 (512) 385-5886 • FAX (512) 385-7411

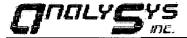
Client:Environmental Plus, Inc.Project ID: 2003-00309Report#/Lab ID#: 148955Attn:Pat McCaslandSample Name: SLEWT102903BH1-15'Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	74	50-150	.===
p-Terphenyl	8015 mod.	77.1	50-150	
1,2-Dichloroethane-d4	8260b	82.4	65-115	
Toluene-d8	8260b	90.1	50-120	

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

Page#: 2 Report Date: 11/04/03



3512 Montopolis Drive, Austin, TX 78744 & 2209 N. Padre Island Dr., Corpus Christi, TX 78408 (512) 385-5886 • FAX (512) 385-74.11

Report Date: 11/04/03

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#: 148956

Project ID: 2003-00309

Sample Name: SLEWT102903BH1-20'

Sample Matrix: soil

Date Received: 10/31/2003 Time: 10:25 **Date Sampled:** 10/29/2003 Time: 12:00

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	10/31/03	8015 mod.		9.2	77.2	104.7	76.7
TPH by GC (as diesel-ext)					10/31/03	3570m					
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	10/31/03	8015 mod.		8	85.2	108.2	88.5
Volatile organics-8260b/BTEX					11/03/03	8260b(5030/5035)					
Benzene	<20	μg/Kg	20	<20	11/03/03	8260b		2.7	98	105.4	94.4
Ethylbenzene	<20	μg/Kg	20	<20	11/03/03	8260b		8	107	107.5	100.2
m,p-Xylenes	<40	μg/Kg	40	<40	11/03/03	8260b		7.5	105.3	106.8	97.3
o-Xylene	<20	μg/Kg	20	<20	11/03/03	8260b		8:5	110.3	102.7	102.3
Toluene	<20	μg/Kg	20	<20	11/03/03	8260b		1	99	109.5	95.8

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Respectfully Submitted,

Nespectainy Submitted

Richard Laster

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Page#: 1 Report Date: 11/04/03



Attn:

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

Project ID: 2003-00309 Client: Environmental Plus, Inc.

Report#/Lab ID#: 148956 Pat McCasland Sample Name: SLEWT102903BH1-20' Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chloroctane	8015 mod.	77.2	50-150	
p-Terphenyl	8015 mod.	82.2	50-150	
1,2-Dichloroethane-d4	8260b	75.5	65-115	
Toluëne-d8	8260b	92.6	50-120	

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

Page#: 2 **Report Date: 11/04/03**

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SCEWT102903BH1-15	10-29-3	10:50	1	X			148955	X	X										
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ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

1		Sample Relinquishe	d By		Sample Received By 7=2.0°c							
4	Name	Affiliation	Date	Time	Name	Affiliation	Date	Time				
	Trally Blin	Environne 261 Ales	10-29-03		Melanie Home	kun ASI	10/31/03	10:25				
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[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

	Link Energy Pipeline	Project:	Wallen Tonto 4	Fax: (432) 682-9719
	P.O. Box 1660	Project Number:	2003-00309	Reported:
ļ	Midland TX, 79702	Project Manager:	Frank Hernandez	03/10/04 15:35
ı				

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SLEWT030104NE8	4C05001-01	Soil	03/01/04 13:30	03/05/04 11:00
SLEWT03010412'	4C05001-02	Soil	03/01/04 13:45	03/05/04 11:00
SLEWT030204NW8'	4C05001-03	Soil	03/02/04 09:30	03/05/04 11:00
SLEWT030204EW8	4C05001-04	Soil	03/02/04 09:40	03/05/04 11:00
SLEWT030204SW8*	4C05001-05	Soil	03/02/04 09:50	03/05/04 11:00
SLEWT030204SWW8	4C05001-06	Soil	03/02/04 10:00	03/05/04 11:00
SLEWT030204BH5P	4C05001-07	Soil	03/02/04 10:10	03/05/04 11:00
SLEWT030204BC	4005001-08	Soil	03/02/04 10:20	03/05/04 11:00

Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719 Reported: 03/10/04 15:35

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLEWT030104NE8' (4C05001-01)									
Benzene	0.126	0.0250	mg/kg dry	25	EC40819	03/05/04	03/05/04	EPA 8021B	
Toluene	0.230	0.0250	•	H	*	•	*	D	
Ethylbenzene	1.85	0.0250		**	*		н	9	
Xylene (p/m)	3.33	0.0250	•	**	*		•	a	
Xylene (o)	0.161	0.0250	ν	•	-	*		q	
Surrogate: a,a,a-Trifluorotoluene		787%	80-12	0			,		S-04
Surrogate: 4-Bromofluorohenzene		100 %	80-12	0	**	**	41	•	
Gasoline Range Organics C6-C12	1100		mg/kg dry	10	EC40516	03/05/04	03/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	9030	100		H	H	in	•	**	
Total Hydrocarbon C6-C35	10100	100	*	D	и	4	•	•	
Surrogate: I-Chlorooctane		17.8%	70-73	-	"	r r			5-06
Surrogate: 1-Chlorooctadecane		19.0%	70-13	0	10	**	"	10	S-06
SLEWT03010412' (4C05001-02)									
Benzene	0,320	0.0500	mg/kg dry	50	EC40819	03/05/04	03/05/04	EPA 8021B	
Toluene	0.856	0.0500	-	В	u	ti	•	D	
Ethylbenzenc	3.33	0.0500	4	4	41	U	13	st .	
Xylene (p/m)	5.64	0.0500		*	u	R	•	**	
Xylene (o)	1.94	0.0500	•	••	₩.	ч	44	11	
Surrogate: u,u,a-Trifluorotoluene		763 %	80-12	0					5-04
Surrogate: 4-Bromofluorobenzene		103 %	80-12	0	"	tr		₩	
Gasoline Range Organics C6-C12	2140	100	mg/kg dry	10	EC40516	03/05/04	03/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	17400	100	**	•	•	u	n	4	
Total Hydrocarbon C6-C35	19500	100	н		н	4	u	đ	
Surrogate: I-Chlorooctane		13.9%	70-13	0					S-0
Surrogate: 1-Chlorooctadecane		<i>26.8</i> %	70-13	0	17	tr	tr	n	S-0:
SLEWT030204NW8' (4C05001-03)									
Benzene	0.294	0.0500	mg/kg dry	50	EC40819	03/05/04	03/05/04	EPA 8021B	
Toluene	0.784	0.0500	n			e	и	u	
Ethylbenzene	4.51	0.0500	40	*		**	Ħ	11	
Xylene (p/m)	8.67	0.0500	h	٠	-	**	•		
Xylenc (o)	0.993	0.0500	н	h	=	*	u	и	
Surrogate: a,a,a-Trifluorotoluene		175 %		20		"			\$-0
Surrogate: 4-Bromofluorobenzene		104 %	80-12	10	ži.	**	15	*	
Gasoline Range Organics C6-C12	2350		mg/kg dry	5	PC40516	03/05/04	03/06/04	EPA 8015M	
Diesel Rango Organics >C12-C35	14800	50.0		91		*	*	4	
Total Hydrocarbon C6-C35	17200	50.0	ų	*	•	4	4	•	
Surrogate: I-Chlorooctane		33.2 %							S-6
Surrogate: 1-Chlorooctadecane		49.0 %	70-13	ro	н	"	"	**	5-1

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Quality Assurance Review

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Project: Wallen Tonto 4
Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719

Reported:
03/10/04 15:16

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	No
SLEWT030204EW8' (4C05001-04)									
Benzene	ND	0.0250	mg/kg dry	25	EC40819	03/05/04	03/09/04	EPA 8021B	
Toluene	0.0429	0.0250	•	u	ħ	n	19	p	
Ethylbenzene	0.0480	0.0250	и	и	**		H	n	
Xylone (p/m)	0.125	0.0250	н	n		P	Þ	n	
Xylene (0)	0.0268	0.0250	•	**	•	н	4	•	
Surrogate: a,a,a-Trifluorotoluene		91.0%	80-1	20			——· "		
Surrogate: 4-Bromofluorobenzene		96.3 %	80-1	20	*	er e	"	*	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EC40516	03/05/04	03/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	26,2	10.0	u	u		•	*	•	
Total Hydrocarbon C6-C35	26.2	10.0	*	10	4		4	ų	
Surrogute: I-Chlorooctane		700 %	70-1	30					
Surrogate: I-Chlorooctadecane		102 %	70-	130	•	"	tr	n	
SLEWT030204SW8' (4C05001-05)									
Benzene	ND		mg/kg dry	25	EC40819	03/05/04	03/05/04	EPA 8021B	
Toluene	0.0265	0.0250	t»	0	•	**		•	
Ethylbonzene	0.0336	0.0250		4	ы		•	10	
Xylene (p/m)	0.0692	0.0250	**	•		11	II	b	
Xylene (o)	ND	0.0250	ų	n		u	#	el	
Surrogate: a,a,a-Trifluorotoluene		90.2 %	80-	120					
Surrogate: 4-Bromofluorobenzene		95.5 %	80-	120	v	"	MF.	4	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	i	EC40516	03/05/04	03/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	H	a	•		a	•	
Total Hydrocarhon C6-C35	ND	10.0	*	и	μ	•	H	ч	
Surrogate: 1-Chlorooctane		98.0 %	70-	730					
Surrogate: I-Chlorooctadecane		99.6 %	70-	130	u	"	**	IP.	
SLEWT030204SWW8' (4C05001-06)									
Benzene	ND	0.0250	mg/kg dry	25	EC40819	03/05/04	03/05/04	EPA 8021B	
Toluenc	0.0341	0.0250		**	a	p	u	n	
Ethylbenzene	0.0327	0.0250		ta	4		•	11	
Xylene (p/m)	0.0688	0.0250		н	7		**		
Xylene (a)	ND	0.0250	n	п	н	a	и	*	
Surrogate: a,a,a-Triftuorotoluene		89.9 %							··· ····
Surrogate: 4-Bromofluorobenzene		94.5 %	80-	120	Ð	tt	er .	•	
Gasotine Range Organics C6-C12	J [8.08]	10.0	mg/kg dry	1	EC40516	03/05/04	03/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	731	10.0		11		n	μ	•	
Total Hydrocarbon C6-C35	731	10.0	*	4	"	•	•	te	
Surrogate: 1-Chlorooctane		98.2 %		130					
Surrogate: 1-Chlorooctadecane		102 %	70-	130	e	v	**	W	

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Project: Wallen Tonto 4
Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719

Reported:
03/10/04 15:16

Organics by GC Environmental Lab of Texas

Analyte Result Limit Un	g dry 50 " " 80-120 80-120	EC40819	03/05/04	03/05/04	Method EPA 8021B " "	Notes
Benzene 0.0976 0.0500 mg/kg	80-120 80-120	66 M 20 34	u H H	17 13	eq 81	
Toluene	80-120 80-120	66 M 20 34	u H H	17 13	eq 81	
Ethylbenzene 0.296 0.0500 " Xylene (p/m) 1.16 0.0500 " Xylene (a) 0.693 0.0500 " Surrogate: a,a,a-Trifluorotoluene 177 % " Surrogate: 4-Bromofluorobenzene 103 % " Gasoline Range Organics C6-C12 819 50.0 mg/kg	80-120 80-120	H	n ti	•	bi	
Xylene (p/m) 1.16 0.0500 " Xylene (a) 0.693 0.0500 " Surrogate: a,a,a-Trifluorotoluene 177 % Surrogate: 4-Bromofluorobenzene 103 % Gasoline Range Organics C6-C12 819 50.0 mg/kg	80-120 80-120	H	n ti	•	**	
Xylene (phr) Xylene (o) U.693 0.0500 Surrogate: a,a,a-Triffuorotoluene Surrogate: 4-Bromofluorobenzene 103 % Gasoline Range Organics C6-C12 819 50.0 mg/kj	80-120 80-120	H	tt	*	,,	
Surrogate: a,a,a-Trifluorotoluene 177% Surrogate: 4-Bromofluorobenzene 103% Gasoline Range Organics C6-C12 819 50.0 mg/kg	80-120 80-120	_ ,		**		
Surrogate: 4-Bromofluorobenzene 103 % Gasoline Range Organics C6-C12 819 50.0 mg/kg	80-120				41	
Gasoline Range Organics C6-C12 819 50.0 mg/kg			••		·	
		**	W	"	u	
Diesel Range Organics >C12-C35 8250 50.0 °	gdry S	EC40516	03/05/04	03/06/04	EPA 8015M	
	• 11	n	u	a	•	
Total Hydrocarbon C6-C35 9070 50.0 "	•	ņ	•	•	"	
Surrogate: 1-Chlorooctane 26.8 %	70-130		a			5-06
Surrogate: 1-Chlorooctadecane 34.0 %	70-130	v	**	•	•	S-06
SLEWT:030204BC (4C05001-08)						
Benzene ND 0.0250 mg/kg	g dry 25	EC40819	03/05/04	03/05/04	EPA 80218	
Toluene 0.0383 0.0250 **		##			•	
Ethylbenzenc 0.0435 0.0250 "		#	Ħ	n	•	
Xylene (p/m) 0.163 0.0250	. ,	u	•	•	19	
Xylene (o) 0.0616 0.0250		ď	8	**	*	
Surrogate: a,a,a-Trifluorotoluene 88.6%	80-120				,	
Surrogate: 4-Bromofluorobenzene 91.0 %	80-120	,,	•	41	#	
Gasoline Range Organics C6-C12 309 50.0 mg/kg	g dry 5	EC40516	03/05/04	03/06/04	EPA 8015M	
Diesel Range Organics >C12-C35 3480 50.0	. "			**	14	
Total Hydrocarbon C6-C35 3790 50.0		n	4		•	
Surrogate: 1-Chlorooctane 21.8 %	70-730		 ,			S-00
Surrogate: 1-Chlorooctadecane 26.4 %	/ U-1 JU	D	10			S-00

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Quality Assurance Review

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Project: Wallen Tonto 4
Project Number: 2003-00309

Project Manager: Frank Hernandez

Fax: (432) 682-9719

Repurted:
03/10/04 15:35

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLEWT030104NE8' (4C05001-01)	20000								
% Solids	90.0		%	1	EC40812	03/05/04	03/05/04	% calculation	
SLEWT03010412' (4C05001-02)									
% Solids	89.0	***	%	1	EC40812	03/05/04	03/05/04	% calculation	
SLEWT030204NW8' (4C05001-03)									
% Solids	88.0		%	1	EC40812	03/05/04	03/05/04	% calculation	~
SLEWT030204EW8' (4C05001-04)									
% Solids	89.0		%	ı	EC40812	03/05/04	03/05/04	% calculation	
SLEWT030204SW8' (4C05001-05)									
% Solids	94.0		%	1	EC40812	03/05/04	03/05/04	% calculation	
SLEWT030204SWW8' (4C05001-06)									
% Solids	91.0		%	1	EC40812	03/05/04	03/05/04	% calculation	
SLEWT030204BH5P (4C05001-07)									
% Solids	89.0	 	%	1	EC40812	03/05/04	03/05/04	% calculation	
SLEWT030204BC (4C05001-08)									
% Solids	98.0		%	1	EC40812	03/05/04	03/05/04	% calculation	· · · · · · · · · · · · · · · · · · ·

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Quality Assurance Review

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Project: Wallen Tonto 4
Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719 Reported: 03/10/04 15:16

Organics by GC - Quality Control Environmental Lab of Texas

Analysis	g. 1.	Reporting		Spikc	Source	4/222	%REC		RPD	<u> </u>
Annlyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EC40516 - Solvent Extraction	(GC)									
Blank (EC40516-BLK1)				Prepared:	03/05/04	Analyzed	: 03/06/04			
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: I-Chloroocsane	36.8		ing/kg	30.0		73.6	70-730			
Surrogate: 1-Chlorooctadecane	36.3		u	<i>50.0</i>		72.6	70-130			
LCS (EC40516-B\$1)				Prepared:	03/05/04	Analyzed	: 03/06/04			
Gasoline Range Organics C6-C12	412	10,0	mg/kg wei	500		82.4	75-125			
Diesel Range Organics >C12-C35	503	10.0	**	500		101	75-125			
Total Hydrocarbon C6-C35	915	10.0	đ	1000		91.5	75-125			
Surrogate: 1-Chlorooctane	44.7		mg/kg	50.0		89.4	70-730			
Surrogate: 1-Chlorooctadecane	36.6		*	50.0		73.2	70-130			
Calibration Check (EC40516-CCVI)				Prepared:	03/05/04	Analyzed	: 03/06/04			
Gasoline Range Organics C6-C12	466		mg/kg	500		93.2	80-120			
Diesel Range Organics >C12-C35	521		•	500		104	80-120			
Total Hydrocarbon C6-C35	987		*	1000		98.7	80-120			
Surrogale: 1-Chlorooctane	38.3			30.0		777	70-730			
Surrogate: 1-Chlorooctadecane	58,2		4	50.0		116	70-130			
Matrix Spike (EC40516-MS1)	So	urce: 4C050	109-02	Prepared:	03/05/04	Analyzed	: 03/06/04			
Gasoline Range Organics C6-C12	574	10.0	mg/kg dry	575	ND	99.8	75-125		·····	
Diesel Range Organics >C12-C35	581	10.0	H	575	ND	101	75-125			
Total Hydrocarbon C6-C35	1160	10.0	b	1150	ND	101	75-125			
Surrogate: I-Chloroociane	73.3		mg/kg	50.0		727	70-730			
Surrogata: 1-Chlorooctadecane	56.1		a	50.0		112	70-130			
Matrix Spike Dup (EC40516-MSD1)	So	urce: 4C050	009-02	Prepared:	03/05/04	Analyzed	i: 03/06/04			
Gasoline Range Organics C6-C12	581	10.0	mg/kg dry	575	ND	101	75-125	1.21	20	
Diesel Range Organics >C12-C35	609	10.0	*	575	ND	106	75-125	4,71	20	
Total Hydrocarbon C6-C35	1190	10.0	4	1150	ND	103	75-125	2.55	20	
Surrogale: 1-Chlorooctane	62.8		mg/kg	30.0		126	70-730			
Surrogate: 1-Chloroactadecane	56.3			50.0		113	70-130			

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Quality Assurance Review

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Project: Wallen Tonto 4
Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719

Reported:
03/10/04 15:16

Organics by GC - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Lavel	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC40819 - EPA 5030C (GC)										
Blank (EC40819-BLK1)				Prepared	& Analyza	:d: 03/05/	04			
Benzene	ND	0.0250	mg/kg wet			.,				
Toluçne	ND	0.0250	*							
Ethylbenzene	מא	0.0250	•							
Xylens (p/m)	ND	0.0250	b							
Xylene (o)	ND	0.0250	p							
Surrogate: u,a,a-Trifluorotoluene	92.8		ug/kg	100	_	92.8	80-120		······································	
Surrogate: 4-Bromofluorobenzene	97.3		**	100		97.3	80-120			
LCS (EC40819-BS1)				Prepared:	03/05/04	Analyzed	1: 03/08/04			
Benzene	88.2		ug/kg	100		88.2	80-120			
Toluene	85.9		11	100		85.9	80-120			
Ethylbenzene	83.4		P	100		83.4	80-120			
Xylenc (p/m)	162		li	200		81.0	80-120			
Xylene (o)	83.7			100		83.7	80-120			
Surrogate: a,a,a-Trifluorotoluene	97.0		——————————————————————————————————————	700	·	97.0	80-720		 "	
Surrogate: 4-Bromoftvarobensene	8R S		10	100		88.5	80-120			
Calibration Check (EC40819-CCV1)				Prepared:	03/05/04	Analyzed	l: 03/08/04			
Benzene	89.8	· · · · · · · · · · · · · · · · · · ·	ug/kg	100		89.8	80-120			,
Toluene	87.0		n	100		87.0	80-120			
Ethylbenzene	84.9		u	100		84.9	80-120			
Xylenc (p/m)	166		a	200		83.0	80-120			
Xylene (o)	83.7		H	100		83.7	80-120			
Surrogate: a,a,a-Trifluorololuene	93.9	***************************************		100		93.9	80-120			
Surrogate: 4-Bromofluorobenzene	88.5		**	100		88.5	80-120			
Matrix Spike (EC40819-MS1)	So	urce: 4C050	101-04	Prepared:	03/05/04	Analyzod	I: 03/09/04			
Benzenc	2270		ug/kg	2500	ÖN	90.8	80-120			-
Toluene	2190		**	2500	38.2	86.1	80-120			
Ethylbenzene	2150		4	2500	42.7	84.3	80-120			
Xylone (p/m)	4210		n	5000	111	82.0	80-120			
Xylene (o)	2060		**	2500	23.9	81.4	80-120			
Surrogate: a,a,a-Trifluoratoluwne	92.6			100		92.6	80-120			
Surrogaie: 4-Bromofluorobenzene	84.6		*	100		84.6	80-120			

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Quality Assurance Review

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Project: Wallen Tonto 4
Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719

Reported:
03/10/04 15:16

Organics by GC - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	KPD Limit	Notes
Batch EC40819 - EPA 5030C (GC)										
Matrix Spike Dup (EC40819-MSD1)	Sou	urce: 4C0500	1-04	Prepared:	03/05/04	Analyzed	1: 03/08/04			
Benzene	2140	······································	ug/kg	2500	ND	85.6	80-120	5.90	20	
Toluene	2040		n	2500	38.2	80. l	80-120	7.22	20	
Ethylbenzene	2090		*	2500	42.7	81.9	80-120	2.89	20	
Xylene (p/m)	4140		•	5000	111	80.6	80-120	1.72	20	
Xylenc (o)	2080		p	2500	23.9	82.2	80-120	0.978	20	
Surrogate: a,a,a-Trifluorotoluene	83.9			- 100		83.9	80-120			
Surrogate: 4-Bromofluorobenzene	94.5		н	100		94.5	80-120			

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Project: Wallen Tonto 4
Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719 Reported: 03/10/04 15:16

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

Analyte	Result	Reporting Limit	Units	Spikc Level	Source Result	%REC	%REC Limits	ณฑ	RPD Limit	Notes
Batch EC40812 - % Solids										
Blank (EC40812-BLK1)				Prepared	& Analyz	ed: 03/05/)4			
% Solids	100		%	·····						
Duplicate (EC40812-DUP1)	So	urce: 4C0500	9-01	Prepared	& Analyz	ed: 03/05/	04			
% Solids	93.0		%		92.0			1.08	20	

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Quality Assurance Review

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1	Link Energy Pipeline	Project: Wallen Tonto 4	Fax: (432) 682-9719
	P.O. Box 1660	Project Number: 2003-00309	Reported:
١	Midland TX, 79702	Project Manager: Frank Hernandez	03/10/04 15:16
ı			

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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12600 West I-20 Ea		1800											_																	
Odessa Texas 7976	3 Fax: 915-563-	1/13	ا																											- {
·	Manager: FRANK HERNANDEZ												Proje							1		_					 .			
Compa	ny Name: LINK ENERGY PIPELII	NE CO.											F	roje	ct#	200	<u> </u>	3309	<u> </u>											
Company	Address: 5805 E. HIGHWAY 80												Pro	ject	Loc	: <u>UL</u>	<u>-B S</u>	ectio	on 30	TC	195	R33	3E							
City/	State/Zip: MIDLAND, TX 79701													F	PO#	:														- 1
Telep	hone No: (713) 253-7006																													1
Sampler S	Signature: Telles	In Eddie:	Toe Horpe EPI - Envir	onn	nenta	ıl Co	nsu	ıltan	t																					
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LAB ID	SAMPLE IDENTIFICATION	Sampled	Time Sampled	of Containers				_			(Specify)		9	Specif	TDS/CI/SARVEC	1181	1X 1005/1006	TPH 461504 GRO/DRO	8	les *	Semivolatiles	BTEX 8021B/5030	tivity	sivity	bilty	des	sa		RUSH TAT	ard TA
4005001		Date	Time	No. of	빙	S S	ᅙ	NaOL	읽	None	o Per	Water	Sludge		Sol	TPH 4181	TPH TX	TPH	Metals *	Volatiles *	Semi	BTE	Reactivity	Corrosivity	Ignitiability	Chlorides	Sulfai		SES	Stano
Oİ	SLEWT030104NE8	1-Mar	13:30		x	_	7	_	_	_			7		†	Ť	<u> </u>	X		-		Х							=	
50	SESPENIES 12'	1-Mar	13:45	-	х	十	寸		寸	一			7	_	†	1	1	X				X							十	\neg
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Project: Wallen Tonto 4 inch

Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719

Reported: 03/30/04 11:28

ANALYTICAL REPORT FOR SAMPLES

Sample 1D	Laboratory ID	Matrix	Date Sampled	Date Received
SLEWT032304NW12'	4C25008-01	Soil	03/23/04 13:00	03/25/04 12:0
SLEWT032304EW13'	4C25008-02	Soil	03/23/04 13:15	03/25/04 12:0
SLEWT032304WW13'	4C25008-03	Soil	03/23/04 13:30	03/25/04 12:0
SLEWT032304BH20'	4C25008-04	Soil	03/23/04 13:45	03/25/04 12:0

Link Energy Pipeline Project: Wallen Tonto 4 inch
P.O. Box 1660 Project Number: 2003-00309
Midland TX, 79702 Project Manager: Frank Hernandez

Fax: (432) 682-9719 Reported: 03/30/04 11:28

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Note
SLEWT032304NW12' (4C25008-01)									
Benzene	ND	0.0250	mg/kg dry	25	EC42609	03/25/04	03/25/04	EPA 8021B	
Toluene	ND	0.0250		0	Ħ	**	•	u	
Ethylbenzene	ND	0.0250	n	Ħ	n	h	a	ø	
Xylene (p/m)	0.0353	0.0250		h	n	11	ti	ta ta	
Xylene (o)	ND	0.0250	•	•		u	u	•	
Surrogate: a,a,a-Trifluorotoluene		81.1%	80-1	20					
Surrogate: 4-Bromofluorobenzene		89.4 %	80-1	20	"	"	4	**	
Gasoline Range Organics C6-C12	71.6	10.0	mg/kg dry	1	EC42513	03/25/04	03/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	1600	10.0	th .	u	р	ei		#	
Total Hydrocarbon C6-C35	1670	10.0	a		n		n		
Surrogate: I-Chlorooctane		104%	70-1	30					
Surrogate: 1-Chlorooctadecane		108 %	70-1		"	*	*	W	
SLEWT032304EW13' (4C25008-02)									
Benzenc	ND	0.0250	mg/kg dry	25	EC42609	03/25/04	03/25/04	EPA 8021B	
Toluene	ND	0.0250		tı	P			ts	
Ethylbenzene	ND	0.0250	tu	u	P	•	4	þ	
Xylene (p/m)	ND	0.0250	b	u		•	q	и	
Xylene (o)	ND	0.0250	•	"	n	**	(1	а	
Surrogate: a,a,a-Trifluorotoluene		87.6%	80-1	20	ii	н		u	
Surrogate: 4-Bromofluorobenzene		95.6 %	80-1	20		*	#	"	
Gasoline Range Organics C6-C12	J [9.59]	10.0	mg/kg dry	1	EC42513	03/25/04	03/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	590	10.0	6.46 4)	ti	0	»	"	B	
Total Hydrocarbon C6-C35	590	10.0	μ		u	•	•	a	
Surrogate: I-Chlorooctane		96.8 %	70-1	30			**	W .	
Surrogate: I-Chlorooctadecane		93.6 %			a	,,	"	t#	
SLEWT032304WW13' (4C25008-03)									
Benzene	ND	0.0250	mg/kg dry	25	EC42609	03/25/04	03/25/04	EPA 8021B	
Toluene	ND	0.0250		•	*	11		ь	
Ethylbenzene	ND	0.0250	p		•	to	n	Ħ	
Xylene (p/m)	ND	0.0250	p	ti	in	þi	\$	n	
Xylene (o)	ND	0.0250	н	u	b	U	C S	•	
Surrogate: a,a,a-Trifluorotoluene		82.7 %	80-1	20				·····	
Surrogate: 4-Bromofluorobenzene		86.7 %	80-1	20	H	n	#	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EC42513	03/25/04	03/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	281	10.0				4	•	#	
Total Hydrocarbon C6-C35	281	10.0	4	p	•	u	•	Ħ	
Surrogate: I-Chlorooctane		93.4 %	70-1	30					
Surrogate: I-Chlorooctadecane		91.0 %	70-1	30	*	27	**	**	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the sample received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Project: Wallen Tonto 4 inch

Project Number: 2003-00309 Project Manager: Frank Hernandez Fax: (432) 682-9719

Reported:
03/30/04 11:28

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Note
SLEWT032304BH20' (4C25008-04)		· · · · · · · · · · · · · · · · · · ·	·····						
Benzene	ND	0.0250	mg/kg dry	25	EC42609	03/25/04	03/26/04	EPA 8021B	
Toluene	ND	0.0250	n	•	Ħ	ti	19	•	
Ethylbenzene	ND	0.0250	B	•	H	ħ	11	n	
Xylene (p/m)	0.0456	0.0250	н		tı		n	u	
Xylene (o)	ND	0.0250	9	11		\$	•	u	
Surrogate: a,a,a-Trifluorotoluene	T	91.4%	80-72	20			п .		
Surrogate: 4-Bromofluorobenzene		87.7 %	80-12	20	н	N		e e	
Gasoline Range Organics C6-C12	J [6.58]	10.0	mg/kg dry	1	EC42513	03/25/04	03/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	233	0.01	•	10		n		10	
Tetal Hydrocarbon C6-C35	233	10.0	•	n		Ħ	u	p	
Surrogate: I-Chlorooctane		100 %	70-13	10			, , , , , , , , , , , , , , , , , , ,		
Surrogate: 1-Chlorooctadecane		90.4 %	70-13	10		*	n	**	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the sample received in the laboratory.. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Link Energy Pipeline P.O. Box 1660 Project: Wallen Tonto 4 inch

Fax: (432) 682-9719 Reported: 03/30/04 11:28

P.O. Box 1660 Project Number: 2003-00309
Midland TX, 79702 Project Manager: Frank Hernandez

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SLEWT032304NW12' (4C25008-01)									· · · · · · · · · · · · · · · · · · ·
% Solids	92.0		%	ì	EC42605	03/25/04	03/26/04	% calculation	***
SLEWT032304EW13' (4C25008-02)									
% Solids	98.0		%	1	EC42605	03/25/04	03/26/04	% calculation	
SLEWT032304WW13' (4C25008-03)									
% Solids	99.0		%	1	EC42605	03/25/04	03/26/04	% calculation	
SLEWT032304BH20' (4C25008-04)									
% Solids	91.0		%	ı	EC42605	03/25/04	03/26/04	% calculation	

Environmental Lab of Texas

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Project: Wallen Tonto 4 inch Project Number: 2003-00309 Project Manager: Frank Hernandez Fax: (432) 682-9719

Reported:
03/30/04 11:28

Organics by GC - Quality Control Environmental Lab of Texas

Amalusa	Daniele	Reporting Limit	Units	Spike	Source	WREC	%REC	DDD	RPD	Mar
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EC42513 - Solvent Extraction	(GC)									
Blank (EC42513-BLK1)				Prepared:	03/25/04	Analyzed	1: 03/26/04	,		
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet	······································	***************************************	H				
Diesel Range Organics >C12-C35	ND	10.0	*							
Total Hydrocarbon C6-C35	ND	10.0	•							
Surrogate: 1-Chlorooctane	37.5		mg/kg	50.0		75.0	70-730	······································		
Surrogate: 1-Chlorooctadecane	<i>36.2</i>		*	50,0		72.4	70-130			
LCS (EC42513-BS1)				Prepared a	& Analyzo	xd: 03/25/0	04			
Gasoline Range Organics C6-C12	415	10.0	mg/kg wet	500		83.0	75-125			
Diesel Range Organics >C12-C35	477	10.0	tı	500		95.4	75-125			
Total Hydrocarbon C6-C35	892	10.0	**	1000		89.2	75-125			
Surrogate: I-Chlorooctane	42.3	· · · · · · · · · · · · · · · · · · ·	mg/kg	50.0		84.6	70-130			
Surrogate: 1-Chlorooctadecane	35.5		*	50.0		71.0	70-130			
LCS Dup (EC42513-BSD1)				Prepared	& Analyze	:d: 03/25/0	04			
Gasoline Range Organics C6-C12	405	10.0	mg/kg wet	500	·	81.0	75-125	2.44	20	· • • • • • • • • • • • • • • • • • • •
Diesel Range Organies >C12-C35	478	10.0	4	500		95.6	75-125	0.209	20	
Total Hydrocarbon C6-C35	883	10.0	ta .	1000		88.3	75-125	1.01	20	
Surrogate: 1-Chlorooctane	42.1		mg/kg	50.0		84.2	70-130			
Surrogate: 1-Chlorooctadecane	36.8		Ħ	50.0		73.6	70-130			
Calibration Check (EC42513-CCV1)				Prepared	& Analyze	d: 03/25/0	04			
Gasoline Range Organics C6-C12	421		mg/kg	500		84.2	80-120		***************************************	
Diesel Range Organics >C12-C35	471		•	500		94.2	80-120			
Total Hydrocarbon C6-C35	892		•	1000		89.2	80-120			
Surrogate: 1-Chlorooctane	58.7			50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	45.1		"	50.0		90.2	70-130			

Environmental Lab of Texas

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Quality Assurance Review 1 Sub

Project: Wallen Tonto 4 inch Project Number: 2003-00309 Project Manager: Frank Hernandez Fax: (432) 682-9719 Reported: 03/30/04 11:28

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 EC42609 - EPA 5030C (GC)										
Blank (EC42609-BLK1)				Prepared	& Analyze	ed: 03/25/	04			
Benzene	ND	0.0250	mg/kg wc	1						
Toluene	ND	0.0250	•							
Ethylbenzene	ND	0.0250	a							
Xylene (p/m)	ND	0.0250	4							
Xylene (o)	ND	0.0250	#							
Surrogate: a,a,a-l'rifluorotoluene	85.3		ug/kg	700		85.3	80-120			
Surrogate: 4-Bromofluorobenzene	91.9		17	100		91.9	80-120			
LCS (EC42609-BS1)				Prepared	& Analyza	:d: 03/25/	04			
Benzene	88.9	· · · · · · · · · · · · · · · · · · ·	ug/kg	100		88.9	80-120			
Toluene	83.9			100		83.9	80-120			
Ethylbenzene	85.4		**	100		85.4	80-120			
Xylene (p/m)	172		u	200		86.0	80-120			
Xylene (o) ·	87.4		w	100		87.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	89.4			100		89.4	80-120			
Surrogate: 4-Bromofluorobenzene	89.3		•	100		89.3	80-120			
Calibration Check (EC42609-CCV1)				Prepared:	03/25/04	Analyzed	: 03/26/04			
Benzene	88.2		ug/kg	100		88.2	80-120			
Toluene	83.I		Ħ	100		83.1	80-120			
Ethylbenzene	84.0		"	100		84.0	80-120			
Xylene (p/m)	169		tı .	200		84.5	80-120			
Xylene (o)	89.2			100		89.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	89.0		v	100		89.0	80-120		· · · · · · · · · · · · · · · · · · ·	
Surrogate: 4-Bromofluorobenzene	91.3		h	100		91.3	80-120			
Matrix Spike (EC42609-MS1)	So	urce: 4C250	08-04	Prepared:	03/25/04	Analyzed	: 03/26/04			
Benzene	2210		ug/kg	2500	ND	88.4	80-120			
Toluene •	2070		a	2500	ND	82.8	80-120			
Ethylbenzene	2070		11	2500	ND	82.8	80-120			
Xylene (p/m)	4160		٩	5000	41.5	82.4	80-120			
Xylene (o)	2140		•	2500	ND	85.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	89.2		n	700		89.2	80-120			
Surrogate: 4-Bromofluorobenzene	88.3		,,	100		88.3	80-120			

Environmental Lab of Texas

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Project: Wallen Tonto 4 inch

Project Number: 2003-00309 Project Manager: Frank Hernandez Fax: (432) 682-9719

Reported: 03/30/04 11:28

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 EC42609 - EPA 5030C (GC)		· · · · · · · · · · · · · · · · · · ·							
Matrix Spike Dup (EC42609-MSD1)	Sou	rce: 4C25008-04	Prepared:	03/25/04	Analyzed	: 03/26/04			
Benzene	2330	ug/kg	2500	ND	93.2	80-120	5.29	20	
Toluene	2190	a	2500	ND	87.6	80-120	5.63	20	
Ethylbenzene	2210	u	2500	ND	88.4	80-120	6.54	20	
Xylene (p/m)	4400	n	5000	41.5	87.2	80-120	5.66	20	
Xylene (o)	2270	D	2500	ND	90.8	80-120	5.90	20	
Surrogate: a,a,a-Trifluorotoluene	92.3	· · · · · · · · · · · · · · · · · · ·	100		92.3	80-120	·		···
Surrogate: 4-Bromofluorobenzene	95.1	и	100		95.1	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the sample received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Quality Assurance Review

Page 7 of

Project: Wallen Tonto 4 inch

Project Number: 2003-00309
Project Manager: Frank Hernandez

Fax: (432) 682-9719 Reported:

03/30/04 11:28

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 EC42605 - % Solids										
Blank (EC42605-BLK1)		. ::		Prepared:	03/25/04	Analyzed	: 03/26/04			
% Solids	100		%							
Duplicate (EC42605-DUP1)	So	urce: 4C2500	04-01RE	1 Prepared:	03/25/04	Analyzed	: 03/26/04			
% Solids	85.0		%		86.0			1.17	20	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the sample received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Quality Assurance Review

Page 8 of

Link Energy Pipeline	Project: Wallen Tonto 4 inch	Fax: (432) 682-9719
P.O. Box 1660	Project Number: 2003-00309	Reported:
Midland TX, 79702	Project Manager: Frank Hernandez	03/30/04 11:28

Notes and Definitions

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

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the sample received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

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Odessa Texas 7976	3 Fax:	915-563-171	3	j																											
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APPENDIX III

FINAL C-141

<u>District I</u> 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

			···		J. (1)												
			Relea	se No	tifica	tion a	and Cor	rective A	ection								
	OPERA?	TOR						ln 🔲	itial Report	\boxtimes	Fina	Report					
Name of Co	ompany						Contac	=									
Link Energ	<u> </u>		·					Bryant									
Address							Telephone No.										
		st Highway 80) Midlan	i, Texas	79702		505.631.3095										
Facility Nau							Facility Type										
4" Wallen 7	Conto Gathe	ering to Malja	mar Stati	on			4" Steel Pipeline										
Surface Ow	ner				Mine	ral Own	ner Lease No.										
BLM	1101						Loase 140.										
					0010	EVO N	0555										
TT '4 T 44	16 4	T		Feet fro			OF REL		East/West Li	10							
Unit Letter 30	Section 30	Township T19S	Range	reet iro	m the	North	South Line	Feet from the	East/West Li		county:	Lea ° 38' 6.774"N					
30	30 1198 R33E									3° 42' 7.652"W							
	<u>. </u>	1	12002	1							VII. 10	. 12 /.UPA TT					
]	NATU	RE O	F RELE			 -							
Type of Rele	ase		Volume of 10 bbls b			Volume Recovered 8 bbls barrels											
Crude Oil Source of Release								Hour of Occurr	ence								
4" Steel Pipeline							Link Energ		CIICC	Date and Hour of Discovery 10-23-03 @ 9:40 AM by Air							
	· Cook a spoulte									Patrol							
Was Immedi	Was Immediate Notice Given?							Whom?									
			Yes 🗌	No 🗵	Not Req	luired	Larry Johnson										
By Whom?				.—				Date and Hour Not required									
Was a Water	course Reac	hed? Ye	s 🛛 No		····		If YES, Volume Impacting the Watercourse.										
							NA NA										
If a Watercon	urse was Imp	pacted, Describ	e Fully.*				<u></u>	- 111 - 111									
NA	-	•	•														
Doggriba Cor	usa of Droble	em and Remedia	al Astion	Fokon *													
		repair clamp in:			aminate	d soil ble	ended with le	ocal clean soil									
						C OOD ON	onaca man	oodi olodii soli.									
Describe Are	a Affected a	and Cleanup Ac	tion Take	n.*	***************************************												
1,460 ft ² 30':	x70'; The sit	te was delineate	d <5,000	mg/Kg T	PH, <50	mg/Kg	total BTEX	and $<10 \text{ mg/K}$	g benzene. Th	e excav	ated so	il was blended to	•				
			STEX and	<10 mg/	Kg benz	ene and	the excavation	on backfilled.	The site was re	estored	to pre-i	elease conditions	S				
and contoure	za tor proper	ciramage.															
I hereby cert	ify that the i	nformation give	en above i	s true and	comple	te to the	best of my l	knowledge and	understand th	at purs	uant to	NMOCD rules as	nd				
regulations a	ill operators	are required to	report and	or file co	ertain rel	lease not	ifications an	d perform corr	ective actions	for rele	eases w	hich may endang	er				
public health	or the envir	onment. The a	cceptance	of a C-1	41 repor	t by the l	NMOCD ma	arked as "Final	Report" does	not reli	eve the	operator of liabil	lity				
												e water, human					
		at. In addition, I cal laws and/or:			ce of a C	-141 rep	ort does not	relieve the ope	rator of respo	nsibilit	y tor co	mpliance with an	ny				
Other rederat	, state, or to	as laws alluvoi	regulation	3,				OII CO	NCEDVA	TION	INIX	/ISION					
Signature:								OIL CONSERVATION DIVISION									
Printed Nam	e: Jimmy Bi	ryant					Approv	ed by District S									
Title: Distric	ct Environme	ental Superviso	r				Approva	al Date:		Exnir	ation D)ate:					
Data Mar	. 14 2002		DL	5 621 26	O.C		10 30		•	Attached							

Conditions of Approval:

Phone: 505.631.3095

Date: May 14, 2003

^{*} Attach Additional Sheets If Necessary