## 1R-426-18

### REPORTS

DATE: 3/2/6/2003

### FINAL

### REPORT

#### JUNCTION BOX FINAL REPORT

<u> </u>	· · · · · · · · · · · · · · · · · · ·			BOX LOC			·		
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS -	
B-D	C-16	С	16	228	37E	Lea	Length	Width	Depth
L			l	1		<del></del>	L	No Box	
LAND TYPE: B	BLM	STATE	FEE L	ANDOWNER		<del></del>	OTHER		
Depth to Groun	ndwater	85'	feet	NMOCE	SITE ASSE	ESSMENT I	RANKING S	CORE:	10
Date Started	1/28/2	003	Date Co	mpleted	3/18/2003	OCD \	Witness	No.	2
Soil Excavated	221	cubic ya	rds Ex	cavation Le	ngth 26'	Width	28.5'	Depth	fee
Soil Disposed	36	cubic ya	rds O	ffsite Facility	Sundance	Services	Location	Eunic	ж, N.M.
INAL ANALY	TICAL RE	ESHI TS	. Samu	ie Date	2-3-03-2-	23_03 23_03	Sample D	epth	12' bgs
HAVE VIAVE I	HOAL N	EGULIG	o. Samp	ie Date	2-3-03 ,2-	23-03			12 bgs
1	ocure 5-point BTEX and Cl	hloride labo	procedures	results com pursuant to	pleted by us NMOCD gu	ing an appr idelines.	oved lab an	d testing	
Sample Location	Benzene mg/kg	1	iene E i/kg	thyl Benzene mg/kg	Total Xylend mg/kg		RO J/kg	DRO mg/kg	Chlorides PPM
SIDEWALLS	<0.005		005	<0.005	<0.015		10	<10	1456
BOTTOM	<0.005		005	<0.005	<0.015		10	135	752
REMEDIATED	<0.025		025	<0.025	<0.025		).4	360	213
eneral Description aterally and vertically and vertically axis excavated	ally to below t	he NMOC	D TPH guid	delines. The	junction		CHLO	RIDE FIELD	Chlorides
t the surface to 75							Vall Comp	8' bgs	1560
ssumed that groun	ndwater was	not impact	ted. The de	epth to grour	ndwater is	Во	ttom Comp	12' bgs	855
5' bgs. A compac	ted clay liner	was instal	led to slow	the migratio	n of any				
npact left in place.									
t the location and	then backfille	ed into the	excavation	and contour	ed to				
ne surrounding are	9a.	-							
c: lab results, pho	tos								
I HEREB			E INFORM	ATION ABOY			LETE TO T	HE BEST OF	MY
ATE	March	26, 2003		PR	INTED NAME		Chris	Rodriguez	
IGNATURE					TITLE		Environm	ental Technicia	n

#### BD jct. C-16



Junction Box Location (before excavation)



Excavation

#### BD jct. C-16



Compacted Clay Barrier

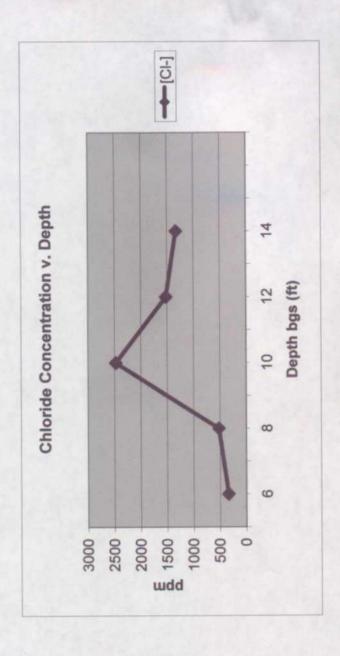


Backfilled

BD jct. C-16 T22S, R37E

[Cl-] ppm	340	520	2475	1520	1330
Depth bgs (ft)	9	80	10	12	14

Groundwater = 87 ft





PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ 122 W. TAYLOR

HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 02/25/03 Reporting Date: 02/26/03

Project Number: C-16 JCT BOX

Project Name: JCT C-16 BOX UPGRADE

Project Location: BD

Sampling Date: 02/23/03 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

		GRO	DRO	
		$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )	CI*
LAB NUMBER	SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS DATE		02/25/03	02/25/03	02/26/03
H7495-1 WALL C	OMPOSITE 8' BGS	<10.0	<10.0	1456
Quality Control		808	835	1080
True Value QC		800	800	1000
% Recovery		101	104	108
Relative Percent Differen	ce	3.9	2.8	8.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI<sup>-</sup>: Std. Methods 4500-CI<sup>-</sup>B \*Analysis performed on a 1:4 w:v aqueous extract.

Chemist /

Data

FEB 2 8 2003

HOBBS, NM

H7495A.XLS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ 122 W. TAYLOR

HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 02/25/03

Reporting Date: 02/26/03
Project Number: C-16 JCT BOX

Project Name: JCT C-16 BOX UPGRADE

Project Location: BD

Sampling Date: 02/23/03

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NUMBER SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	02/25/03	02/25/03	02/25/03	02/25/03

ANALYSIS	DATE	02/25/03	02/25/03	02/25/03	02/25/03
H7495-1	WALL COMPOSITE	<0.005	<0.005	<0.005	<0.015
	8' BGS				
Quality Con	trol	0.099	0.095	0.098	0.284
True Value	QC	0.100	0.100	0.100	0.300
% Recovery	,	99.1	95.3	98.4	94.8
Relative Pe	rcent Difference	5.5	1.6	4.9	5.5

METHOD: EPA SW-846 8260

Simple for Constitution of the Constitution of

Date

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H7495B.XLS

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

A A	ARDINAL LABORATORIES, INC.	, INC.				
41	(915) 673-7001 Fax (915) 673-7020	101 East Mariand, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476	Hobbs, NM 88240 (505) 393-2476			Pageof
Company Name:			9111	14441 14441		5
Project Manager:			P.O. #:	_		
Address: 122	W. Taylor		Company:			
CITY: /Lobbs	State: ////	zip: <i>88340</i>	Attn:			
Phone #: 393-9	9/74 Fax #: 39	-1471	Address:			
Project #: <i>C-16</i>	Let box		City:			
Project Name: L+ 10-16	bax (		State: Zip:	-		
Project Location: 8-1			*			
Sampler Name:	Wall Composite 8 bgs		Fax #:			
FOR LAB USE ONLY	L	MATRIX	PRESERV SAMPLING	<u>ର</u>		
		S ER R				
Lab I.D.	Sample I.D.	(G)RAB OR (C) # CONTAINERS GROUNDWATI WASTEWATER SOIL CRUDE OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TP# 801	BTex CL	
1-17455-1	CAIl Connecsite 8'bas	12	~ 200:00 Ko-86-6	D:000m	7	
	1					
PLEASE NOTE: Liability and makes. All delms including	PLEASE NOTE: Liability and Danages. Cardina's liability and client's exclusive temody for any datin artisty whether based in contract or tord, at all be instead to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatboover shall be deemed waived unless made in writing and received by Cardinal within 30 days effor completion of the applicable	sim arising whether based in contract or to ad waived unless made in writing and roce	xt, shef be limited to the emount paid by the hed by Cardinal within 30 days after comple	dent for the applicable		Terms and Conditions: interest will be charged on all accounts more than 30 days past due at the rate of 24% per arrum from the original date of twoice.
service. In no event shall Cer	service. In no event shall Cardinal be labbe for Incidental or consequental damages, Including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitiates, e.g. and on the consequent shall care a state of several shall be seed upon any of the above stated reasons or otherwise.	ut firstation, business interruptions, loss o rai, regardless of whether such claim is be	f use, or loss of profits incurred by citers, its used upon any of the shove stated reasons o	subsidiaries, or otherwise.		•
Sampler Relinqu	Sampler Relinquished: Date: Received By: Phone Fax Received By:	Received By:		Phone Result: Fax Result:	☐Yes ☐No	Add'l Phone #: Add'l Fax #:
Chris S	Calific Time: 5:00mm			REMARKS:	1	ļ
Relinquished By:	Date: 2/25/03 Tinde: 100/04	Received By: (Lab Staff)	BO			
Delivered By:	(Circle One)	Sample Condition	on CHECKED BY: (Initials)			
Sampler - UPS -	- Bus - Other:	<u>@</u> /				

<sup>↑</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS. NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ

122 W. TAYLOR HOBBS, NM 88240

FAX TO: (505) 397-1471

Receiving Date: 02/18/03

Reporting Date: O02/19/03

Project Number: NOT GIVEN

Project Name: C-16 BOX UPGRADE

LAB NUMBER

Project Location: B-D

Sampling Date: 02/05/03

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

	GRO	DRO
	$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )
SAMPLE ID	(ma/Ka)	(ma/Ka)

ANALYSIS [	DATE:	02/19/03	02/19/03
H7482-1	BOTTOM COMPOSITE	<10.0	135
	@10' BGS		
			ļ.
Quality Cont	rol	808	835
True Value (	QC	800	800
% Recovery		101	104
Relative Per	cent Difference	3.9	2.8

METHOD: SW-846 8015 M

FED 2 4 2003 D RICE OF ERATING HOBBS, NM

Data

Chemist

H7482.XLS



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS. NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ 122 W. TAYLOR

HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 02/18/03

Reporting Date: 02/21/03

Project Number: NOT GIVEN

Project Name: C-16 BOX UPGRADE

Project Location: B-D

Sampling Date: 02/05/03

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

ETHYL

: TOTAL

LAB NO. SAMPLE ID

CI\* (ma/Ka) BENZENE TOLUENE (mg/Kg) (mg/Kg)

BENZENE (ma/Ka) XYLENES (ma/Ka)

	(9/9/	(8,,,,8)	(9,9)	(9.1.9/	(1119/119)
ANALYSIS DATE:	02/21/03	02/21/03	02/21/03	02/21/03	02/21/03
H7482-1 BOTTOM COMPOSITE	752	<0.005	<0.005	<0.005	<0.015
@10' BGS					
		-			
Quality Control	1000	0.105	0.105	0.105	0.300
True Value QC	1000	0.100	0.100	0.100	0.300
% Recovery	100	105	105	105	100
Relative Percent Difference	3.0	3.7	2.9	3.2	3.6

METHODS CI<sup>-</sup> - Std. Methods 4500-CI<sup>-</sup>B; BTEX - EPA SW-846-8020 \*Analysis performed on a 1:4 w:v aqueous extract.

Burgess J. A. Cooke, Ph. D.

Date

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

	(915) 673-7001 Fax (915) 673-7020	) (505) 393-2326 Fax (505) 393-2476	c (505) 393-2476			Page	of 	
Company Name:	Rice Orgrating Company	- 1	811.17		Ą	ANALYSIS REQUEST		
Project Manager:	Project Manager: Chicis Redeiblu t		P.O. #:					
Address: / $\lambda \lambda$	W. Taylor.		Company:					
City: Hobbs	State: N/M	z1p: 88346	Attn:					
Phone #: 393-9174	Fax #: 397	397-1471	Address:					
Project #:	Project (		City:					
Project Name: (2-/6	-16 bex woorede		State: Zip:					
Project Location:	8-0		Phone #:					
Sampler Name:	Common the so	79, 0	Fax #:					
7	Notton Composite in 101	CIEBS	1		·			
FOR LAB USE ONLY	`	MATRIX	PRESERV. SAMPLING	5				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TPH 80/				
1-2841.71	botton confinite	<u> </u>		X				
								1
PLEASE NOTE: Libbary and	PLEASE NOTE: Liabley and Damagos. Cardent's lability and elect's exclusive remody for any dam sharp whother based in contract or tort, shall be labeled to the amount paid by the elect for the	celm arising whether begod in contract or t	ort, shall be limited to the amount paid by the	client for the	-	erns and Conditions: Interest will be charged on all accounts more than	charged on all accounts more than	L
analyses. All claims including service. In no event shall Carr affiliates or successors artising	arelyses. All dains holuding those for repligence and any other cause whatsooner shall be deemed waived arises made in miling and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be labele for incidental or consequented disneys, including without lambdon, believes heartsplore, loss of use, or loss of profile incurred by deart, its subsidiaties, sefficies or successor arished out of or related to the ordermance of services interested by the interested or which its baseled upon any of the above stated resource or deflexivity.	ned walved arioss made in writing and reco rout limitation, business interruptions, loss o first, recordless of whether such daim is b	eived by Cardinal within 30 days after comple of use, or loss of profits incurred by client, its used upon any of the above stated ressons.	sion of the applicable subsidiaries, or otherwise.	<b>#</b> 43.	30 days past due at the rate of 24% per arrum fro and all costs of collections, including attorney's fee	30 days pest due at the rate of 24% per arrum from the original date of invoice, and all costs of collections, including attorney's tees.	Ža.
Sampler Relingu	Sampler Relinquished: Date: Received By:	Received By:		Result:	ONC	Add'l Phone #:		
Sampler Relinquished:  Music Rode	Isned: Date: Ke	Received by:		Kesur:	No No	Add'l Fax #:		1 1
Relinquished By:	7	Received By: (Lal	Z					
Delivered By: (Circle One)	(Circle One)	Sample Condition	ion CHECKED BY: (Initials)					
Sampler - UPS -	Bus - Other:	No No				,		

<sup>→ †</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS. NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ

122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 02/25/03

Reporting Date: 02/26/03

Project Number: C-16 JCT BOX

Project Name: JCT C-16 BOX UPGRADE

Project Location: BD

Sampling Date: 02/23/03

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

		GRO	DRO	
		$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )	CI*
LAB NUMBER	SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS DATE	02/25/03	02/25/03	02/26/03
H7495-1 WALL COMPOSITE 8' BGS	<10.0	<10.0	1456
			1000
Quality Control	808	835	1080
True Value QC	800	800	1000
% Recovery	101	104	108
Relative Percent Difference	3.9	2.8	8.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl<sup>-</sup>B \*Analysis performed on a 1:4 w:v aqueous extract.

Chemist

Date

FEB 2 6 2003

HOBES, NM

H7495A.XLS



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ

122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 02/25/03

Reporting Date: 02/26/03

Project Number: C-16 JCT BOX

Project Name: JCT C-16 BOX UPGRADE

Project Location: BD

Sampling Date: 02/23/03

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DA	TE	02/25/03	02/25/03	02/25/03	02/25/03
H7495-1	WALL COMPOSITE	<0.005	<0.005	<0.005	<0.015
	8' BGS				
Quality Control	·	0.099	0.095	0.098	0.284
True Value QC		0.100	0.100	0.100	0.300
% Recovery		99.1	95.3	98.4	94.8
Relative Perce	nt Difference	5.5	1.6	4.9	5.5

METHOD: EPA SW-846 8260

Date

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H7495B.XLS

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES INC			0.00	
2111 Beechwood, Abilene, TX 79603 101 East Mari	101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476			Page of
- 1			Ą	\$    -
Project Manager:				
Address: 122 W. Taylor	Company:			
City: 16665 State: 1/1/ Zip: 88240	Attn:			
3-9174 F	Address:			
Project #: C-16 Lt 60X Project Owner:	ску:			
Project Name: Let C-16 box GARAde	State: Zip:			
	Phone #:			
Sampler Name: LA//Convasite 8 695	Fax #:			
	PRESERV.	SAMPLING		
R (C)OMP. NERS VATER	:	3015		
(G)RAB OR # CONTAIN GROUNDW WASTEWA SOIL	CRUDE OIL SLUDGE OTHER: ACID/BASE ICE / COOL OTHER: DATE	TPH 8	a	
=1745-1 Chil Composite 8'bas C	2-52-6	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	7	
PEASE NOTE: Liability and Damages. Candina's liability and decit's sucharive remedy for any dalm arising whether besed in contract or too, what be limited to the amount paid by the client's sucharive remedy for any dalm arising whether besed in contract or too, what is the limited and to the supplicable.	ontract or tort, shall be limited to the emount paid by and received by Cardinal within 30 days after c	by the offent for the ompletion of the applicable		Terms and Conditions: litterest will be charged on all accounts more than 30 days past due at the rate of 24% per arrum from the original date of involve,
service. In no event shall Cerdinal be table for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutions or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claims based upon any of the above stated research or otherwise.	oma, loss of use, or loss of profits incurred by clie a claim is bassed upon any of the above stated rea			and all costs of collections, including attorney's fees.
Sampler Relinquished: Date: Received By:		Phone Result: Yes	N C	Add'l Phone #:
Calific Sicom			ā	uu ir ax #.
Relinquished By:    Date:   Received By: (Lab Staff)   Received By: (Lab St				
Delivered By: (Circle One)	Intact (Initials)			
Sampler - UPS - Bus - Other:				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

#### ANALYTICAL REPORT

#### **Prepared for:**

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Project:

C-16

**PO#:** 

755

Order#:

G0306013

Report Date:

03/24/2003

**Certificates** 

US EPA Laboratory Code TX00158

#### SAMPLE WORK LIST

Rice Operating

122 W. Taylor

Hobbs, NM 88240

505-397-1471

Order#:

G0306013

Project:

Project Name: C-16

Location:

BD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

			Date / Time	Date / Time		
<u>Lab ID:</u>	Sample:	Matrix:	<u>Collected</u>	Received	Container	Preservative
0306013-01	Remed. Comp.	SOIL	3/17/03	3/18/03 19:40	4 oz glass	lce
<u>La</u>	<u>b Testing:</u>	Rejected: No	Tem	p: 2 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

#### ANALYTICAL REPORT

Kristin Farris Rice Operating 122 W. Taylor Hobbs, NM 88240 Order#:

G0306013

Project:

Project Name: C-16

Location:

BD

Lab ID:

0306013-01

Sample 1D:

Remed. Comp.

8015M

Method Blank

Date

**Prepared** 

Date **Analyzed** 

3/20/03

Sample <u>Amount</u>

1

Dilution Factor

Analyst

 $\mathbf{CK}$ 

Method 8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	10.4	10.0
DRO, >C12-C35	360	10.0
TOTAL, C6-C35	370	10.0

Surrogates	% Recovered	QC Li	mits (%)
1-Chlorooctane	88%	70	130
1-Chlorooctadecane	91%	70	130

#### 8021B/5030 BTEX

Method Blank	Date Prepared	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0005022-02		3/21/03	1	25	RKT	8021B
		16:35				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	98%	80	120
Bromofluorobenzene	108%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer Celey D. Keene, Org. Tech. Director Jeanne McMurrey, Inorg. Tech. Director Sandra Biezugbe, Lab Tech.

Sara Molina, Lab Tech.

#### ANALYTICAL REPORT

Kristin Farris

Rice Operating

122 W. Taylor Hobbs, NM 88240 Order#:

G0306013

Project:

<u>Units</u>

mg/kg

Result

213

Project Name: Location:

C-16 BD

Lab ID:

0306013-01

Sample ID:

Remed. Comp.

Test Parameters

Parameter Chloride

Dilution **Factor** 

<u>RL</u> 20

Method

9253

Date Analyzed

3/20/03

Analyst SB

Approval:

Raland K. Tuttle, Lab Director, QA Officer Celey D. Keene, Org. Tech. Director Jeanne McMurrey, Inorg. Tech. Director

Sandra Biezugbe, Lab Tech. Sara Molina, Lab Tech.

Date

#### QUALITY CONTROL REPORT

8015M

Order#: G0306013

BLANK SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-02			<10.0		
CONTROL SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-03		952	885	93.%	
CONTROL DUP	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-04		952	945	99.3%	6.6%
SRM SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-05		1000	846	84.6%	

#### QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306013

BLANK	SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005022-02			<0.025		
Foluene-mg/kg		0005022-02			<0.025		
Ethylbenzene-mg/kg		0005022-02			<0.025		
o/m-Xylene-mg/kg		0005022-02			<0.025		
o-Xylene-mg/kg		0005022-02			<0.025		
MS	SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306012-01	0	2.5	2.53	101.2%	
'oluene-mg/kg		0306012-01	U	2.5	2.68	107.2%	
Ethylbenzene-mg/kg		0306012-01	0	2.5	2.76	110.4%	
o/m-Xylene-mg/kg		0306012-01	0	5	5.70	114.%	
o-Xylenc-mg/kg		0306012-01	0	2.5	2.83	113.2%	
MSD	SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
3cnzene-mg/kg		0306012-01	0	2.5	2.47	98.8%	2.4%
Toluene-mg/kg		0306012-01	0	2.5	2.60	104.%	3.%
Ethylbenzene-mg/kg		0306012-01	0	2.5	2.61	104.4%	5.6%
o/m-Xylene-mg/kg		0306012-01	0	5	5.42	108.4%	5.%
o-Xylene-mg/kg		0306012-01	0	2.5	2.64	105.6%	6.9%
SRM	ŞOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005022-05		0.1	0.107	107.%	
Toluene-mg/kg		0005022-05		0.1	0.112	112.%	
Ethylbenzene-mg/kg		0005022-05		0.1	0.109	109.%	
o/m-Xylene-mg/kg		0005022-05	· · · · · · · · · · · · · · · · · · ·	0.2	0.224	112.%	
-Xylenc-mg/kg		0005022-05		0.1	0.104	104.%	

#### QUALITY CONTROL REPORT

#### **Test Parameters**

Order#: G0306013

BLANK	SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004978-01			<20.0		
MS	SOIL	LAB-1D #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305982-01	478	500	939	92.2%	
MSD	SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pet (%) Recovery	RPD
Chloride-mg/kg		0305982-01	478	500	957	95.8%	1.9%
SRM	SOIL	LAB-ID#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004978-04		5000	4960	99.2%	

12600 West I-20 Easi Odessa, Texas 79763

Phone: 915-563-1800 Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Environmental Lab of Texas, Inc.

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