

1R - 427 - 86

REPORTS

DATE:

5-17-02

1R0427-86

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	D-3	D	3	20S	37E	LEA	Length 12	Width 10	Depth 5

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER JIMMIE T COOPER OTHER _____

Depth to Groundwater < 50 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 03/25/2002 Date Completed 04/05/2002 OCD Witness NO

Soil Excavated 100 cubic yards Excavation Length 20 Width 20 Depth 10 feet

Soil Disposed 24 cubic yards Offsite Facility C&C LANDFARM Location MONUMENT, NM

ANALYTICAL RESULTS: Sample Date 04/04/2002 Sample Depth 10'

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH,
BTEX and Chloride laboratory test results completed by using an approved lab and testing
procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.025	<0.025	<0.025	<0.025	<10	<10	331
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10	<10	284

General Description of Remedial Action: Delineated vertical and lateral extent.

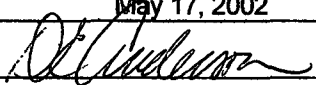
Vertical delineation found chlorides of 600 ppm and TPH of 25 ppm @ 16' bgs. Vertical delineation is incomplete. Removed TPH and high chloride impacted soil and hauled to a permitted disposal facility. Installed a compacted clay barrier and water proof junction box. Blended clean soil to 150 ppm chlorides and backfilled.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	9'	300
BOTTOM	10'	25
Vertical Trench	6'	100
	8'	300
	10'	150
	12'	500
	14'	550
	16'	600
Remediated Pile		150

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

DATE May 17, 2002 PRINTED NAME D. E. Anderson

SIGNATURE  TITLE Project Leader - Environmental

ANALYTICAL REPORT

Prepared for:

RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Project: Rice D-3

Order#: G0203021

Report Date: 04/10/2002

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768
366-0804

Order#: G0203021
Project: D-3 Junction
Project Name: Rice
Location: None Given

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.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0203021-01	4 pt Wall Comp. 9'	SOIL	4/4/02 10:52	4/5/02 17:18	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 13.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0203021-02	5 pt Bottom Comp. 10'	SOIL	4/4/02 14:30	4/5/02 17:18	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 13.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Order#: G0203021
Project: D-3 Junction
Project Name: Rice
Location: None Given

Lab ID: 0203021-01
Sample ID: 4 pt Wall Comp. 9'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		4/9/02	1	1	CK	8015M

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

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0001117-02		4/8/02 17:37	1	25	CK	8021B

Parameter	Result µg/kg	RL
Benzene	< 25.0	25.0
Ethylbenzene	< 25.0	25.0
Toluene	< 25.0	25.0
p/m-Xylene	< 25.0	25.0
o-Xylene	< 25.0	25.0

Lab ID: 0203021-02
Sample ID: 5 pt Bottom Comp. 10'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		4/9/02	1	1	CK	8015M

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

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Order#: G0203021
Project: D-3 Junction
Project Name: Rice
Location: None Given

Lab ID: 0203021-02
Sample ID: 5 pt Bottom Comp. 10'

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0001117-02		4/9/02 9:11	1	25	CK	8021B

Parameter	Result µg/kg	RL
Benzene	< 25.0	25.0
Ethylbenzene	< 25.0	25.0
Toluene	< 25.0	25.0
p/m-Xylene	< 25.0	25.0
o-Xylene	< 25.0	25.0

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

4-11-02

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Order#: G0203021
Project: D-3 Junction
Project Name: Rice
Location: None Given

Lab ID: 0203021-01
Sample ID: 4 pt Wall Comp. 9'

Test Parameters

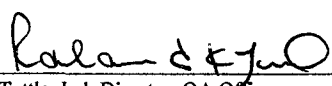
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	331	mg/kg	1	5.00	9253	4/9/02	SB

Lab ID: 0203021-02
Sample ID: 5 pt Bottom Comp. 10'

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	284	mg/kg	1	5.00	9253	4/9/02	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.

4-11-02
Date

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0203021

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001151-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0203021-02	0	952	1040	109.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0203021-02	0	952	1070	112.4%	2.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001151-05		1000	1130	113.3%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0203021

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001117-02			<25.0		
Ethylbenzene-µg/kg		0001117-02			<25.0		
Toluene-µg/kg		0001117-02			<25.0		
p/m-Xylene-µg/kg		0001117-02			<25.0		
o-Xylene-µg/kg		0001117-02			<25.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0203017-01	0	100	107	107.0%	
Ethylbenzene-µg/kg		0203017-01	0	100	113	113.0%	
Toluene-µg/kg		0203017-01	0	100	111	111.0%	
p/m-Xylene-µg/kg		0203017-01	0	200	225	112.5%	
o-Xylene-µg/kg		0203017-01	0	100	111	111.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0203017-01	107	100	99.4	99.4%	7.4%
Ethylbenzene-µg/kg		0203017-01	113	100	103	103.0%	9.3%
Toluene-µg/kg		0203017-01	111	100	101	101.0%	9.4%
p/m-Xylene-µg/kg		0203017-01	225	200	213	106.5%	5.5%
o-Xylene-µg/kg		0203017-01	111	100	101	101.0%	9.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001117-05		100	112	112.0%	
Ethylbenzene-µg/kg		0001117-05		100	115	115.0%	
Toluene-µg/kg		0001117-05		100	113	113.0%	
p/m-Xylene-µg/kg		0001117-05		200	227	113.5%	
o-Xylene-µg/kg		0001117-05		100	114	114.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0203021

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0001143-01			<5.00		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0001143-02		5000	5050	101.0%	
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0203019-01	53	500	558	101.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0203019-01	53	500	558	101.0%	0.0%

**12600 West I-20 East
Odessa, Texas 79763**

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Rice

D-3 Junction

Discussion

Fax No.:

[illegible]

C & C LANDFARM, INC.

BOX 55

MONUMENT, NEW MEXICO 88265

PHONE: (505) 397-2045

(505) 397-2860

(505) 392-2236

002066

COMPANY NAME RICE Operating Company

COMPANY REPRESENTATIVE NAME Donnie Anderson

LEASE NAME D-3

SEC.

3

TOWNSHIP

20S

RANGE

37E

TRUCKING COMPANY NAME RE Environmental

DRIVERS SIGNATURE [Signature]

TYPE OF MATERIAL BEING HAULED AND QUANTITY

O/D NON-HAZ (24yd³)

COPY OF ANALYSIS ATTACHED, IF REQUIRED

TPHC

BENZENE

TOLUENE

ETHYL BENZENE

PARA XYLENE

ATTENDANT ON DUTY [Signature]

DATE 4-25-02