

1R - 426-32

REPORTS

DATE:

9/04/2002

1R-426-32

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	H-3	H	3	22S	37E	LEA	Length	Width	Depth
							7	7	6

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ DYNEGY _____ OTHER _____

Depth to Groundwater 27 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/12/2002 Date Completed 7/2/2002 OCD Witness NO

Soil Excavated 1100 cubic yards Excavation Length 45 Width 35 Depth 20 feet

Soil Disposed 0 cubic yards Offsite Facility _____ Location _____

FINAL ANALYTICAL RESULTS: Sample Date 6/28/2002 Sample Depth 20'

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	1520
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10	<10	1770

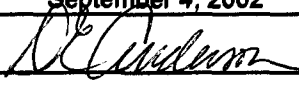
General Description of Remedial Action: Delineated vertical and lateral extent. Re-
moved TPH impacted soil to below 100 ppm. Soil was land farmed on-site to 1633 ppm TPH and
200 ppm chlorides. Installed compacted clay liner and water tight junction box. Backfilled with
remediated soil. Dynegy's monitor well, located 120' west of this site, establishes groundwater at 27'
bgs and chlorides at 2500 ppm. ROC will work with Dynegy to monitor the ground water in this
area. The clay liner will inhibit vertical transmissivity. Natural attenuation will remediate the remain-
ing hydrocarbon.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	15'	1600
BOTTOM	20'	1850
Vertical Trench	7'	1100
	9'	2200
	11'	1900
	13'	1600
	15'	1750
	20'	1700

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

DATE September 4, 2002 PRINTED NAME D. E. Anderson

SIGNATURE  TITLE Project Leader - Environmental





ANALYTICAL REPORT

Prepared for:

**LOGAN ANDERSON
RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768**

Project: Rice Operating
Order#: G0203825
Report Date: 07/03/2002

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#: G0203825
Project:
Project Name: Rice Operating
Location: H-3

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.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0203825-01	4 pt. Wall Comp. @ 15'	SOIL	6/28/02 10:00	7/1/02 8:30	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 14.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0203825-02	5 pt. Bottom Comp. @ 20'	SOIL	6/28/02 10:00	7/1/02 8:30	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 14.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0203825
Project:
Project Name: Rice Operating
Location: H-3

Lab ID: 0203825-01
Sample ID: 4 pt. Wall Comp. @ 15'

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		7/1/02	1	1	CK	8015M

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

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0002295-02		7/1/02 23:09	1	25	CK	8021B

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

Lab ID: 0203825-02
Sample ID: 5 pt. Bottom Comp. @ 20'

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		7/1/02	1	1	CK	8015M

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

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

Order#: G0203825
Project:
Project Name: Rice Operating
Location: H-3

Lab ID: 0203825-02
Sample ID: 5 pt. Bottom Comp. @ 20'

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0002295-02		7/1/02 23:31	1	25	CK	8021B

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

Approval: Raland K. Tuttle 7-08-02
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0203825
Project:
Project Name: Rice Operating
Location: H-3

Lab ID: 0203825-01
Sample ID: 4 pt. Wall Comp. @ 15'

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	1520	mg/kg	1	10	9253	7/1/02	SB

Lab ID: 0203825-02
Sample ID: 5 pt. Bottom Comp. @ 20'

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	1770	mg/kg	1	10	9253	7/1/02	SB

Approval: Raland K. Tuttle 7-08-02
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0203825

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0002294-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0002294-03		381	419	110.0%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0002294-04		381	421	110.5%	0.5%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0002294-05		1000	825	82.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0203825

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0002295-02			<0.025		
Ethylbenzene-mg/kg		0002295-02			<0.025		
Toluene-mg/kg		0002295-02			<0.025		
p/m-Xylene-mg/kg		0002295-02			<0.025		
o-Xylene-mg/kg		0002295-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0203820-01	0	2.5	2.189	87.6%	
Ethylbenzene-mg/kg		0203820-01	0.125	2.5	2.464	93.6%	
Toluene-mg/kg		0203820-01	0.117	2.5	2.2	83.3%	
p/m-Xylene-mg/kg		0203820-01	0.771	5	5.223	89.%	
o-Xylene-mg/kg		0203820-01	0.511	2.5	2.886	95.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0203820-01	0	2.5	2.089	83.6%	4.7%
Ethylbenzene-mg/kg		0203820-01	0.125	2.5	2.36	89.4%	4.3%
Toluene-mg/kg		0203820-01	0.117	2.5	2.247	85.2%	2.1%
p/m-Xylene-mg/kg		0203820-01	0.771	5	5.014	84.9%	4.1%
o-Xylene-mg/kg		0203820-01	0.511	2.5	2.796	91.4%	3.2%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0002295-05		0.1	0.097	97.%	
Ethylbenzene-mg/kg		0002295-05		0.1	0.096	96.%	
Toluene-mg/kg		0002295-05		0.1	0.096	96.%	
p/m-Xylene-mg/kg		0002295-05		0.2	0.194	97.%	
o-Xylene-mg/kg		0002295-05		0.1	0.096	96.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0203825

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0002261-01			<5.00		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0203803-01	6560	2500	9080	100.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0203803-01	6560	2500	9040	99.2%	0.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0002261-04		5000	5050	101.%	

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Fax: 915-563-1713
Logan Anderson

Company Name

RE Environment

Company Address:

Project Name:

Rice operating

Project #:

City/State/Zip:

Project Loc:

4.3

Telephone No:

註

Fax No:

Sampler Signature:

[Signature]

[illegible]