

1R - 427-04

REPORTS

DATE:

7-25-2003

1R0927-4

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	L-34	L	34	20 S	36 E	Lea	Length	Width	Depth
							Moved 75' East		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Tuffy Cooper OTHER _____

Depth to Groundwater 122 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 5/29/2003 Date Completed 6/3/2003 OCD Witness No

Soil Excavated 177 cubic yards Excavation Length 20 Width 20 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 6/2/2003 Sample Depth 12 ft bgs

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	<10.0	<10.0	1770
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	1860
REMEDIATED	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	744

General Description of Remedial Action: The junction site was delineated vertically and laterally producing a 20 x 20 x 12 ft bgs excavation. Although TPH concentrations were well below NMOCD guidelines, chlorides did not significantly decrease. The excavation was backfilled with the soil that was blended on site and backfilled to about 4 ft bgs. At 4 ft, a 20 mil poly liner was installed in a convex manner as illustrated in the attached diagram. The remaining soil was backfilled on top of the liner to the surface. The disturbed surface will be re-seeded with native vegetation and is expected to return to productive capacity at a normal rate. A new watertight junction box has been built 75 ft east of this location.

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	6	1050
	12	2300
	14	2300
10' North	wall comp.	1600
10' South	wall comp.	1400
10' East	wall comp.	1100
10' West	wall comp.	1100
4 wall comp.	n/a	1800
bottom comp.	12	400
remed. comp.	n/a	1000

ADDITIONAL EVALUATION IS LOW PRIORITY.

cc: lab results, photos, diagram, graph

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

DATE 7/25/2003 PRINTED NAME Kristin Farris

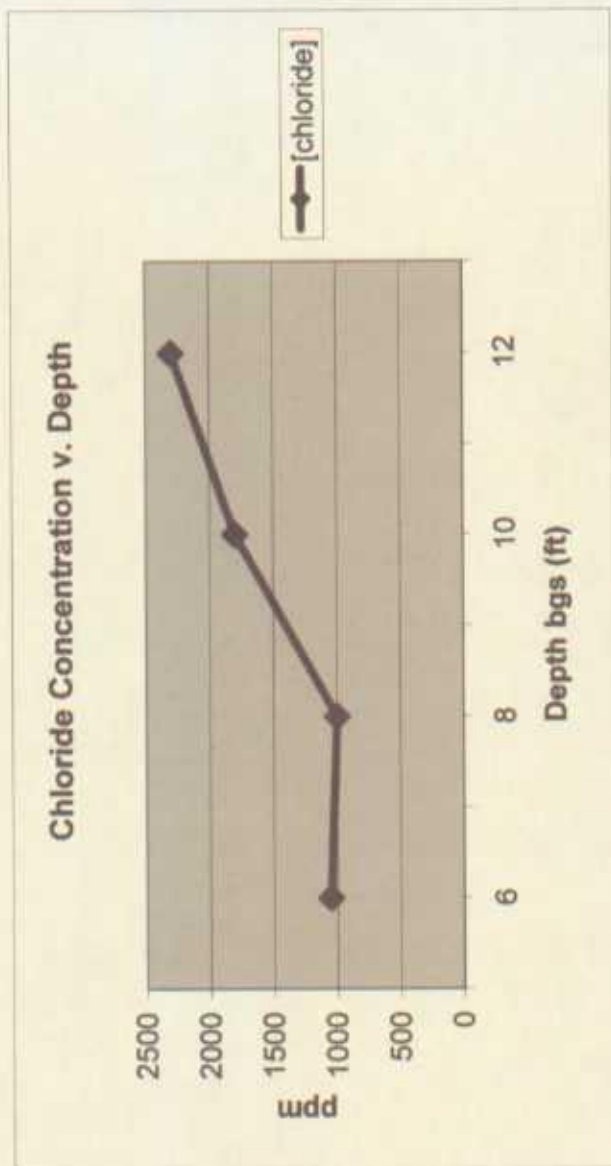
SIGNATURE Kristin Farris TITLE Project Scientist

*** This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.**

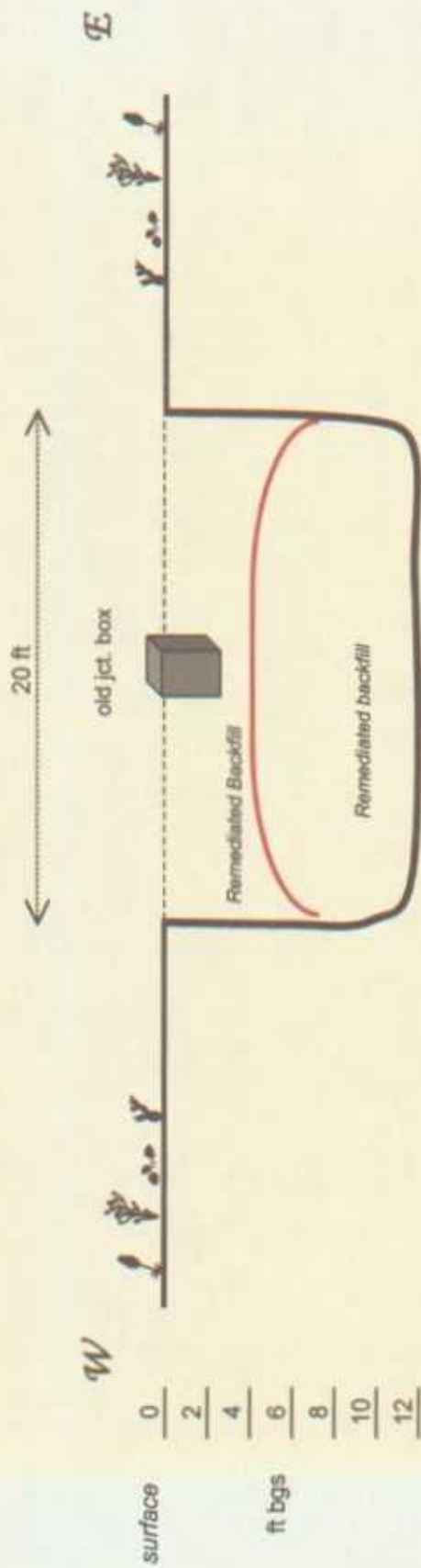
EME jct. L-34
T20S, R36E

Depth bgs (ft)	[Cl-] ppm
6	1050
8	1000
10	1800
12	2300

Groundwater = 122 ft



EME jct. L-34
Impact Excavation
Cross-Section



EME Jct. L-34



Old Junction Box Before Excavation



Beginning Excavation—5/29/2003



Installing Poly Liner

EME Jct. L-34



Looking West At Backfilled Site (New Box in Foreground)



Re-Seeding Excavated Area—7/29/2003



ID Plate Marking Liner at Backfilled Site

ANALYTICAL REPORT

Prepared for:

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

Project: L-34 Jct Box

PO#:

Order#: G0306621

Report Date: 06/05/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0306621
Project:
Project Name: L-34 Jet Box
Location: Monument

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.

<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>
0306621-01	Backfill Comp	SOIL	6/2/03 11:00	6/2/03 17:00	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306621-02	Wall Comp	SOIL	6/2/03 11:15	6/2/03 17:00	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306621-03	Bottom Comp @ 12	SOIL	6/2/03 11:25	6/2/03 17:00	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306621
Project:
Project Name: L-34 Jet Box
Location: Monument

Lab ID: 0306621-01
Sample ID: Backfill Comp

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/2/03	1	1	WL	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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	101%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005748-02		6/4/03 12:23	1	25	CK	8021B

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 Limits (%)	
aaa-Toluene	95%	80	120
Bromofluorobenzene	92%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306621
Project:
Project Name: L-34 Jct Box
Location: Monument

Lab ID: 0306621-02

Sample ID: Wall Comp

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/2/03	1	1	WL	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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	96%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005748-02		6/4/03 12:45	1	25	CK	8021B

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 Limits (%)	
aaa-Toluene	82%	80	120
Bromofluorobenzene	87%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306621
Project:
Project Name: L-34 Jet Box
Location: Monument

Lab ID: 0306621-03
Sample ID: Bottom Comp @ 12

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		6/2/03	1	1	WL	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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	117%	70	130
1-Chlorooctadecane	96%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0005748-02		6/4/03 16:22	1	25	CK	8021B

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 Limits (%)	
aaa-Toluene	91%	80	120
Bromofluorobenzene	95%	80	120

Approval:

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

Date

6-06-03

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306621
Project:
Project Name: L-34 Jet Box
Location: Monument

Lab ID: 0306621-01
Sample ID: Backfill Comp

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	744	mg/kg	1	20	9253	6/3/03	SB

Lab ID: 0306621-02
Sample ID: Wall Comp

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1770	mg/kg	1	20	9253	6/3/03	SB

Lab ID: 0306621-03
Sample ID: Bottom Comp @ 12

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1860	mg/kg	1	20	9253	6/3/03	SB

Approval: Raland K. Tuttle 6-06-03
 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#: G0306621

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005708-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306609-01	0	952	1180	123.9%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306609-01	0	952	1170	122.9%	0.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005708-05		1000	1068	106.8%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306621

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005748-02			<0.025		
Toluene-mg/kg		0005748-02			<0.025		
Ethylbenzene-mg/kg		0005748-02			<0.025		
p/m-Xylene-mg/kg		0005748-02			<0.025		
o-Xylene-mg/kg		0005748-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306621-02	0	0.1	0.092	92.0%	
Toluene-mg/kg		0306621-02	0	0.1	0.088	88.0%	
Ethylbenzene-mg/kg		0306621-02	0	0.1	0.087	87.0%	
p/m-Xylene-mg/kg		0306621-02	0	0.2	0.179	89.5%	
o-Xylene-mg/kg		0306621-02	0	0.1	0.085	85.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306621-02	0	0.1	0.088	88.0%	4.4%
Toluene-mg/kg		0306621-02	0	0.1	0.084	84.0%	4.7%
Ethylbenzene-mg/kg		0306621-02	0	0.1	0.083	83.0%	4.7%
p/m-Xylene-mg/kg		0306621-02	0	0.2	0.170	85.0%	5.2%
o-Xylene-mg/kg		0306621-02	0	0.1	0.082	82.0%	3.6%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005748-05		0.1	0.098	98.0%	
Toluene-mg/kg		0005748-05		0.1	0.093	93.0%	
Ethylbenzene-mg/kg		0005748-05		0.1	0.087	87.0%	
p/m-Xylene-mg/kg		0005748-05		0.2	0.177	88.5%	
o-Xylene-mg/kg		0005748-05		0.1	0.085	85.0%	

ENVIRONMENTAL LAB OF TEXAS**QUALITY CONTROL REPORT****Test Parameters**

Order#: G0306621

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005710-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306609-01	2800	500	3320	104.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306609-01	2800	500	3330	106.%	0.3%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005710-04		5000	4960	99.2%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Kristin Harris

Project Name:

L-34 Jct Box

Company Name

Rice Operating Company

Project #:

Company Address:

1024 W. Taylor

Project Loc:

Marathon

City/State/Zip:

Hobbs, N.M. 88240

PO #:

Telephone No:

15051335919

Fax No:

397-9174

Sampler Signature:

[Signature]

Analyze For:

TCLP:
TOTAL:

TPH 418.1
TPH 8015M GRO/DRO
Metals: As Ag Ba Cd Cr Pb Hg Se
Volatiles
Semivolatiles
BTEX 8021B/5030

LAB # (lab use only)

FIELD CODE

Date Sampled

Time Sampled

No. of Containers

Ice
HNO₃
HCl
NaOH
H₂SO₄
None

Other (Specify)

Water
Sludge
Soil
Other (specify)

TDS / TS / SAR / EC
TPH 418.1

TPH 8015M GRO/DRO

Metals: As Ag Ba Cd Cr Pb Hg Se
Volatiles
Semivolatiles
BTEX 8021B/5030

Special Instructions:

See Back

Relinquished by:

Date

Time

Received by:

Date

Time

Sample Containers intact?
Temperature Upon Receipt
Laboratory Comments:

Y N

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

1.50C