1R - 427 - 177

REPORTS

DATE:

7-1-05

IR0427-177

Disclosure Report

RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	A-2-1	A	2	20S	36E	Lea	moved 85 ft west		

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

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

Date Started 2/26/2004 Date Completed 4/27/2004 NMOCD Witness no

Soil Excavated 178 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 3/2/2004 Sample Depth 12 ft

5-point composite sample of bottom and 4-point composite sample of excavation 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	Chloride mg/kg
4-WALL COMP.	0.122	0.486	4.050	5.958	677	2540	915
BOTTOM COMP.	0.425	1.200	11.900	22.140	1550	4030	659
REMED. BACKFILL	0.216	0.591	2.820	5.338	639	3250	436

General Description of Remedial Action: This junction was moved 85 ft west during the pipeline replacement as part of the Junction Box Upgrade program. The former box site was delineated using a backhoe while chloride field tests and PID screenings were performed on soil samples at regular intervals, producing a 20 x 20 x 12-ft-deep excavation. Chloride concentrations did not significantly decline with depth and NMOCD TPH guidelines were not met. The excavated soil was blended on site and then backfilled into the hole up to 6 ft BGS. At 6 ft, a 1-ft-thick compacted clay barrier was installed to inhibit further chloride migration. The remaining spoils were backfilled on top of the clay and contoured to the surrounding surface. A new watertight junction box was built 85 ft west of this site. A identification plate has been placed on the surface to mark the presence of clay below and to identify the location of the former junction box for future environmental considerations. NMOCD has been notified of potential groundwater impact at this site.

ADDITIONAL EVALUATION IS HIGH PRIORITY

enclosures: chloride graph, photos, lab results, clay test, BTEX table

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical at junction box	5	1135
	6	1176
	7	1428
	8	1306
	9	1400
	10	1289
	11	1459
	12	956
	13	1056
	14	852
4-wall comp.	n/a	853
bottom comp.	12	538
backfill comp.	n/a	553

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

SITE SUPERVISOR Gary Stark SIGNATURE not available COMPANY ETGI--Hobbs, NM

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 7/1/2005 TITLE Project Scientist

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

EME jct. A-2-1

undisturbed junction box 12/17/2003

new junction 85 ft west 12/30/2003

new junction box 85 ft west of former 1/9/2004

delineation & excavation at former box site 2/27/2004

20 x 10 x 12 ft deep excavation 3/1/2004

installing clay barrier at 6 ft BGS

compacting backfill on top of clay

identification plate at backfilled site 6/2/2004

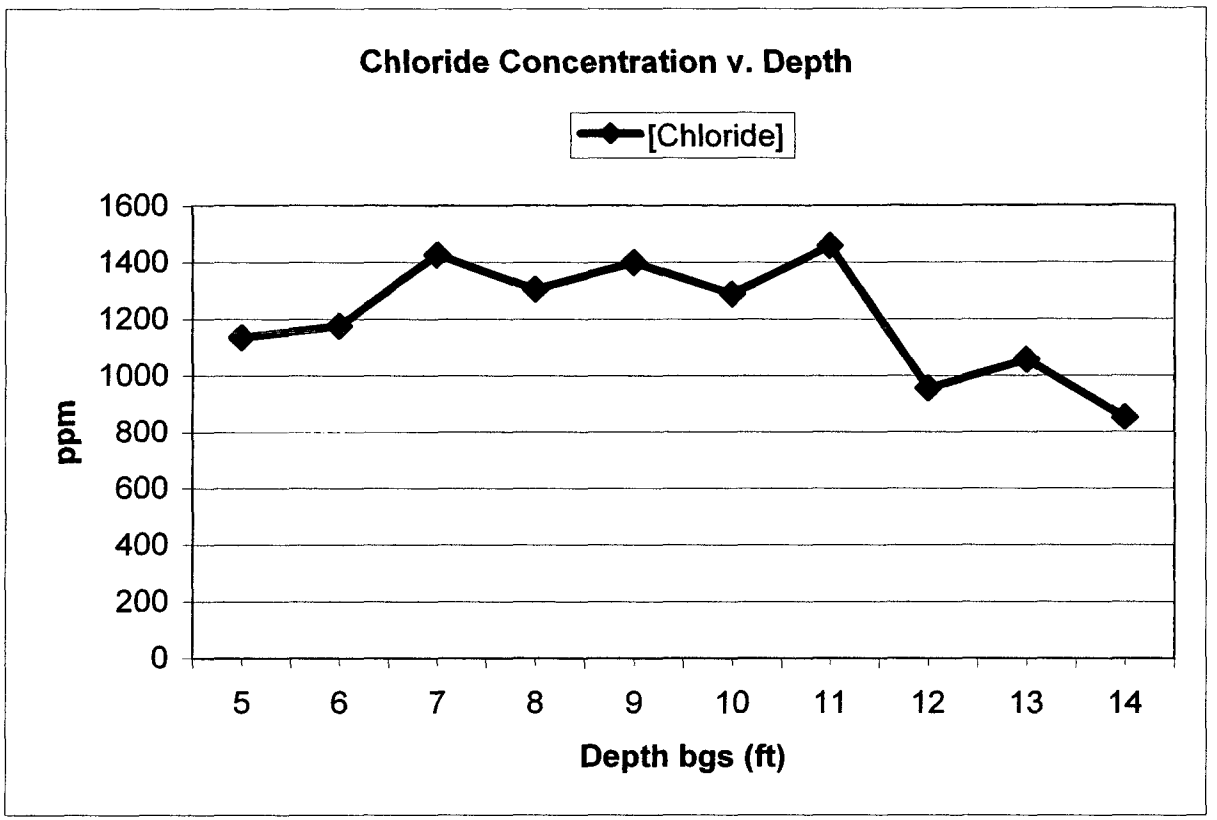
EME jct. A-2-1

T20S, R36E

Vertical Delineation at Source

Depth bgs (ft)	[Cl⁻] ppm
5	1135
6	1176
7	1428
8	1306
9	1400
10	1289
11	1459
12	956
13	1056
14	852

Groundwater = 50 ft



2005 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: EME
Site: jct. A-2-1
Date: 3/2/2004
Sampler: Gary Stark (ETGI-Hobbs)
Laboratory: Environmental Lab of Texas

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg) Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	1	1424	0.425	1.20	11.90	22.140
	2	682				
	3	1910				
	4	1869				
	5	842				
			LAB COMPOSITE (mg/kg)			
			1.17	1.87	17.7	28.73
			FIELD COMPOSITE (mg/kg)			
4-wall composite		1402	0.122	0.486	4.05	5.958
			LAB COMPOSITE (mg/kg)			
			0.492	1.09	10.4	13.27

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Jct. A-2-1

Project Number: None Given

Location: EME

Lab Order Number: 4C03005

Report Date: 03/05/04

Rice Operating Co.	Project: Jct. A-2-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris	03/05/04 13:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Lab 4 Wall Comp.	4C03005-01	Soil	03/02/04 07:45	03/02/04 19:20

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Jct. A-2-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris	03/05/04 13:34

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab 4 Wall Comp. (4C03005-01)									
Benzene	**0.492**	0.0250	mg/kg dry	25	EC40503	03/03/04	03/04/04	EPA 8021B	
Toluene	**1.09**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**10.4**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**11.2**	0.0250	"	"	"	"	"	"	
Xylene (o)	**2.07**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*436 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*123 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**896**	10.0	mg/kg dry	1	EC40209	03/03/04	03/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	**2010**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**2910**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*122 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*106 %*	*70-130*		"	"	"	"	

Environmental Lab of Texas

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

Quality Assurance Review

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Jct. A-2-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris	03/05/04 13:34

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab 4 Wall Comp. (4C03005-01)									
Chloride	**702**	20.0	mg/kg Wet	2	EC40310	03/03/04	03/04/04	SW 846 9253	
% Solids	**87.0**		%	1	EC40401	03/04/04	03/04/04	% calculation	

Environmental Lab of Texas

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Quality Assurance Review

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Jct. A-2-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris	03/05/04 13:34

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 EC40209 - Solvent Extraction (GC)										
Blank (EC40209-BLK1)				Prepared & Analyzed: 03/03/04						
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: 1-Chlorooctane	*38.5*		*mg/kg*	*50.0*		*77.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.4*		*"*	*50.0*		*78.8*	*70-130*			
LCS (EC40209-BS1)				Prepared & Analyzed: 03/03/04						
Gasoline Range Organics C6-C12	404	10.0	mg/kg wet	500		80.8	75-125			
Diesel Range Organics >C12-C35	501	10.0	"	500		100	75-125			
Total Hydrocarbon C6-C35	905	10.0	"	1000		90.5	75-125			
Surrogate: 1-Chlorooctane	*44.1*		*mg/kg*	*50.0*		*88.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.6*		*"*	*50.0*		*79.2*	*70-130*			
LCS Dup (EC40209-BSD1)				Prepared & Analyzed: 03/03/04						
Gasoline Range Organics C6-C12	411	10.0	mg/kg wet	500		82.2	75-125	1.72	20	
Diesel Range Organics >C12-C35	512	10.0	"	500		102	75-125	2.17	20	
Total Hydrocarbon C6-C35	923	10.0	"	1000		92.3	75-125	1.97	20	
Surrogate: 1-Chlorooctane	*48.5*		*mg/kg*	*50.0*		*97.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.2*		*"*	*50.0*		*78.4*	*70-130*			
Calibration Check (EC40209-CCV1)				Prepared & Analyzed: 03/03/04						
Gasoline Range Organics C6-C12	442		mg/kg	500		88.4	80-120			
Diesel Range Organics >C12-C35	535		"	500		107	80-120			
Total Hydrocarbon C6-C35	977		"	1000		97.7	80-120			
Surrogate: 1-Chlorooctane	*57.6*		*"*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*55.3*		*"*	*50.0*		*111*	*70-130*			

Quality Assurance Review

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EC40503 - EPA 5030C (GC)										
Blank (EC40503-BLK1)				Prepared & Analyzed: 03/03/04						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*90.0*		*ug/kg*	*100*		*90.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*97.4*		*"*	*100*		*97.4*	*80-120*			
LCS (EC40503-BS1)				Prepared & Analyzed: 03/03/04						
Benzene	96.9		ug/kg	100		96.9	80-120			
Toluene	92.6		"	100		92.6	80-120			
Ethylbenzene	91.2		"	100		91.2	80-120			
Xylene (p/m)	179		"	200		89.5	80-120			
Xylene (o)	88.1		"	100		88.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	*98.0*		*"*	*100*		*98.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*93.7*		*"*	*100*		*93.7*	*80-120*			
Calibration Check (EC40503-CCV1)				Prepared: 03/03/04 Analyzed: 03/04/04						
Benzene	95.9		ug/kg	100		95.9	80-120			
Toluene	91.1		"	100		91.1	80-120			
Ethylbenzene	89.9		"	100		89.9	80-120			
Xylene (p/m)	177		"	200		88.5	80-120			
Xylene (o)	91.0		"	100		91.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*93.5*		*"*	*100*		*93.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*100*		*"*	*100*		*100*	*80-120*			
Matrix Spike (EC40503-MS1)	**Source: 4C04002-03**			Prepared: 03/03/04 Analyzed: 03/04/04						
Benzene	2370		ug/kg	2500	ND	94.8	80-120			
Toluene	2350		"	2500	68.9	91.2	80-120			
Ethylbenzene	2350		"	2500	64.0	91.4	80-120			
Xylene (p/m)	4620		"	5000	131	89.8	80-120			
Xylene (o)	2260		"	2500	37.7	88.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	*98.8*		*"*	*100*		*98.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*97.3*		*"*	*100*		*97.3*	*80-120*			

Environmental Lab of Texas

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Quality Assurance Review

Rice Operating Co.	Project: Jct. A-2-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris	03/05/04 13:34

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 EC40503 - EPA 5030C (GC)										
Matrix Spike Dup (EC40503-MSD1)	**Source: 4C04002-03**			Prepared: 03/03/04		Analyzed: 03/04/04				
Benzene	2440		ug/kg	2500	ND	97.6	80-120	2.91	20	
Toluene	2390		"	2500	68.9	92.8	80-120	1.74	20	
Ethylbenzene	2380		"	2500	64.0	92.6	80-120	1.30	20	
Xylene (p/m)	4670		"	5000	131	90.8	80-120	1.11	20	
Xylene (o)	2360		"	2500	37.7	92.9	80-120	4.40	20	
Surrogate: a,a,a-Trifluorotoluene	*92.0*		"	*100*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*104*		"	*100*		*104*	*80-120*			

Quality Assurance Review

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EC40310 - Water Extraction										
Blank (EC40310-BLK1)				Prepared: 03/03/04 Analyzed: 03/04/04						
Chloride	ND	20.0	mg/kg Wet							
Calibration Check (EC40310-CCV1)				Prepared: 03/03/04 Analyzed: 03/04/04						
Chloride	4940		mg/kg	5000		98.8	80-120			
Matrix Spike (EC40310-MS1)		**Source: 4C03005-01**		Prepared: 03/03/04 Analyzed: 03/04/04						
Chloride	1210	20.0	mg/kg Wet	500	702	102	80-120			
Matrix Spike Dup (EC40310-MSD1)		**Source: 4C03005-01**		Prepared: 03/03/04 Analyzed: 03/04/04						
Chloride	1220	20.0	mg/kg Wet	500	702	104	80-120	0.823	20	
Batch EC40401 - % Solids										
Blank (EC40401-BLK1)				Prepared & Analyzed: 03/04/04						
% Solids	100		%							
Duplicate (EC40401-DUP1)		**Source: 4C03001-01**		Prepared & Analyzed: 03/04/04						
% Solids	94.0		%		94.0			0.00	20	

Roland K Tuttle

Quality Assurance Review

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Quality Assurance Review

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 Farris
Company Name: RICE Operating Co.
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Gary Stark

Project Name: ~~Jct Box Final Report~~ JCT Junction A-2-1
Project #: ~~Comp Agmt~~ JMM
Project Loc: ~~Lea~~ JMM EME
PO #: 785

*see attached fax

HC03005

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TDS (Cl) SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH (8015M GRO/DRO)	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030					RUSH TAT (Pre-Schedule)	Standard TAT
	North Wall Sp1	3-2-04	7:45	1	✓									✓															
	Sp2		7:54	1	✓									✓															
-01 *	Sp3		8:00	1	✓									✓		✓			✓				✓						
	Sp4		8:07	1	✓									✓															
	Sp5		8:13	1	✓									✓															
Lab Wall Comp	South Wall Sp1		9:19	1	✓									✓															
	Sp2		9:24	1	✓									✓															
-02 * JMM	Sp3		9:30	1	✓									✓		✓			✓				✓	JMM					
	Sp4		9:36	1	✓									✓															
	Sp5	↓	9:42	1	✓									✓															

Special Instructions: * Composite samples 1-5 into one sample
Run Cl, TPH, BTEX

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
Rec 2 °C

Relinquished by:	Date	Time	Received by:	Date	Time
Gary Stark	3/2	4:00			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
[signature]	3/2/04	19:20	[signature]	3/2/04	1920

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

JCT A-2-1 JMP

Project Manager: Kristin Farris
Company Name: RICE Operating Co.
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: ~~Kristin Farris~~ Gary Stark

Project Name: Jct bar Final report
Project #: EME A-2-1 JMP
Project Loc: Lea JMP EME
PO #: 785 * see attached fax

LAB # (lab use only) HC03005	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
	West well Sp 1	3-2-04	8:20	1	✓									✓											
	Sp 2		8:26	1	✓									✓											
*	Sp 3		8:32	1	✓									✓											
	Sp 4		8:37	1	✓									✓											
	Sp 5		8:43	1	✓									✓											
	East well Sp 1		8:48	1	✓									✓											
	Sp 2		8:52	1	✓									✓											
*	Sp 3		9:01	1	✓									✓											
	Sp 4		9:07	1	✓									✓											
	Sp 5		9:12	1	✓									✓											

Special Instructions: * Composite samples 1-5 into one sample Run Cl, TDS, BTEX / Label all 4 walls "Lab 4 wall comp"

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: Ice 2°C

Relinquished by:	Date	Time	Received by:	Date	Time
Gary Stark	3/2	4:00			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
C Hagan	3/2/04	19:20	Rec'd 7.0	3-2-04	1920

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

JENNY PLEASE MAKE these Changes to your COC This is for All COPIES Roy R. RASCON 3-3-04

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Mar 03 04 11:05a

Project Manager: Kristin Farris
Company Name: RICE Operating Co.
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Gary Shell

Project Name: [redacted] jct. A-2-1
Project #: [redacted]
Project Loc: [redacted] EME
Add PO #: 785

Analyze For:
TCLP:
TOTAL:

Lab I.D. (Lab Use Only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (Specify)	TCLP / SPLP / TEC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030									RUSH TAT (Pre-Scheduled)	Standard TAT
	North Well Spl	3-2-04	7:45	1	✓									✓																			
	Sp 2		7:54	1	✓									✓																			
	Sp 3		8:04	1	✓									✓																			
	Sp 4		8:07	1	✓									✓																			
	Sp 5		8:13	1	✓									✓																			
	South Well Spl		9:19	1	✓									✓																			
	Sp 2		9:24	1	✓									✓																			
	Sp 3		9:30	1	✓									✓																			
	Sp 4		9:36	1	✓									✓																			
	Sp 5		9:42	1	✓									✓																			

Special Instructions: Composite Sample 5 pt into one sample
Run CL, TPH, BTEX

Relinquished by:	Date	Time	Received by:	Date	Time
Gary Shell	3/2	4:00			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
[signature]	3/2/04	19:20	[signature]	3/2/04	1920

Sample Constituents Intact ✓ Y N
Temperature Upon Receipt
Laboratory Comments:
ALL 2 JCT

p-1

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 03-03-04 @ 1045

Order #: 4C03005

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	~~Yes~~	No	2 C
Shipping container/cooler in good condition?	~~Yes~~	No	
Custody Seals intact on shipping container/cooler?	Yes	No	~~Not present~~
Custody Seals intact on sample bottles?	Yes	No	~~Not present~~
Chain of custody present?	~~Yes~~	No	
Sample Instructions complete on Chain of Custody?	~~Yes~~	No	
Chain of Custody signed when relinquished and received?	~~Yes~~	No	
Chain of custody agrees with sample label(s)	Yes	No	NO LABELS
Container labels legible and intact?	Yes	No	NO LABELS
Sample Matrix and properties same as on chain of custody?	~~Yes~~	No	
Samples in proper container/bottle?	~~Yes~~	No	
Samples properly preserved?	~~Yes~~	No	
Sample bottles intact?	~~Yes~~	No	
Preservations documented on Chain of Custody?	~~Yes~~	No	
Containers documented on Chain of Custody?	~~Yes~~	No	
Sufficient sample amount for indicated test?	~~Yes~~	No	
All samples received within sufficient hold time?	~~Yes~~	No	
VOC samples have zero headspace?	~~Yes~~	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: -_____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

LABORATORY TEST REPORT

PETTIGREW & ASSOCIATES, P.A.
1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827

AASHTO R18

DEBRA P. HICKS, P.E./L.S.I.
WILLIAM M. HICKS. III, P.E./P.S.

To: Rice Operating
Attn: Carolyn Haynes
122 W. Taylor
Hobbs, NM 88240

Material: Red Clay

Test Method: ASTM: D 2922

COPY

Project: EME- A2-1

Date of Test: April 20, 2004

Depth: 5 1/2' Below Finished Subgrade

Test No.	Location	Dry Density % Maximum	% Moisture	Depth
SG-1	Center of Pit	100.0	18.4	

RECEIVED
MAY 12 2004
RICE OPERATING
HOBBS, NM

Control Density: 101.0
ASTM: D 698

Optimum Moisture: 23.0%

Required Compaction: 95%

Lab No.: 04 5793-5794

Copies To: Rice

PETTIGREW & ASSOCIATES

BY: S.E.T.