

1R - 427 - 182

REPORTS

DATE:

3-22-06

A-3

1R0427-182

Final Report

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	A-3	A	3	20S	37E	Lea	moved 100 ft southeast		

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

Depth to Groundwater none feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 5/25/2004 Date Completed 6/15/2004 OCD Witness No

Soil Excavated 555 cubic yards Excavation Length 30 Width 25 Depth 20 feet

Soil Disposed 110 cubic yards Offsite Facility J & L Land Farm Location Monument, NM

FINAL ANALYTICAL RESULTS: Sample Date 6/4/2004, 6/7/2004, 3/22/2006 Sample Depth 20 ft

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	XXX	<10.0	<10.0	1220
BOTTOM COMP.	XXX	<10.0	25.7	880
REMED. BACKFILL	XXX	XXX	XXX	612

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

General Description of Remedial Action:

This junction box was addressed with pipeline replacement program. A new replacement junction was built 100 ft southeast of this site. Depth to groundwater was estimated to be 21 ft or shallower. The former junction site was delineated using a backhoe while PID screenings and chloride field tests were performed at regular intervals producing a 30 x 25 x 20-ft-deep excavation. Indigenous red clay was encountered at 16 ft to 24.5 ft BGS and no moisture or groundwater was encountered above the clay. 110 cubic yards of the excavated soil was transported to an offsite facility and 170 yds of clean imported material was brought onto the site. The clean imported soil was blended with the remaining excavated soil and then backfilled into the excavation on top of the clay and contoured to the surrounding surface. A new watertight junction box was built 100 ft southeast of this site. The disturbed surface resulting from these activities was not seeded and restored because it is part of a well pad. Remaining constituents do not pose a threat to groundwater because there is no groundwater is present beneath this location.

enclosures: photos, lab results, disposal manifest

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

SITE SUPERVISOR Rob Elam SIGNATURE not available COMPANY Curt's Environmental--Odessa, TX

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope
DATE 3/22/2006 TITLE Project Scientist

EME jct. A-3

Unit 'A', Section 3, T20S, R37E



old junction box prior to excavation

8/19/2003



box removed; prior to excavation

12/17/2003



delineation and excavation

June 2004



20 ft deep excavation

June 2004



beginning backfill

6/11/2004



seeding disturbed surface

6/24/2004



7/20/2004

new junction 100 ft southeast

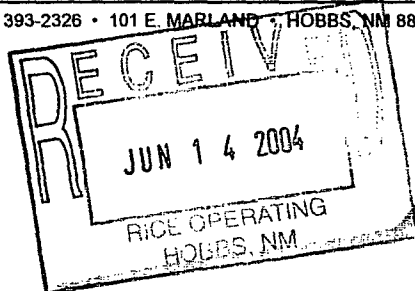


ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471



Receiving Date: 06/07/04
Reporting Date: 06/09/04
Project Number: NOT GIVEN
Project Name: EME A-3
Project Location: NOT GIVEN

Sampling Date: 06/07/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC/AH

COPY

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		06/08/04	06/08/04	06/08/04
H8795-1	EME A-3 20' BOTTOM COMP.	<10.0	25.7	880
Quality Control		790	785	1020
True Value QC		800	800	1000
% Recovery		98.8	98.2	102
Relative Percent Difference		0.9	7.2	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analysis performed on a 1:4 w:v aqueous extract.

Chemist

Date

H8795.XLS

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

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

COPY

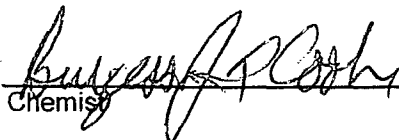
Receiving Date: 06/04/04
Reporting Date: 06/04/04
Project Number: NOT GIVEN
Project Name: EME JCT. BOX A-3
Project Location: NOT GIVEN


Sampling Date: 06/04/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NO.	SAMPLE ID	GRO	DRO	Cl*
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	
		(mg/Kg)	(mg/Kg)	(mg/Kg)
ANALYSIS DATE		06/04/04	06/04/04	06/03/04
H8790-1	EME A-3 BOTTOM	<10.0	<10.0	528
H8790-2	EME A-3 4 WALL COMP.	<10.0	<10.0	1220
Quality Control		790	785	950
True Value QC		800	800	1000
% Recovery		98.8	98.2	95.0
Relative Percent Difference		0.9	7.2	6.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl⁻B

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H8790.XLS

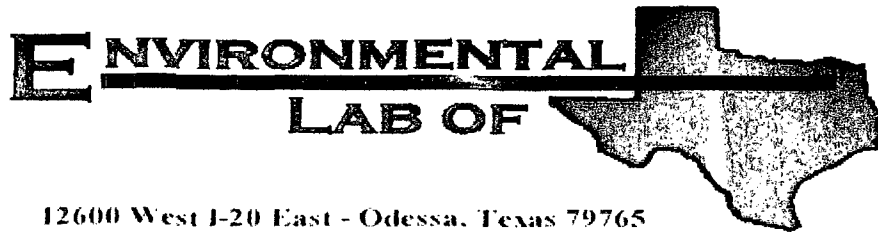
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(915) 673-7001 Fax (915) 673-7020 (505) 393-2328 Fax (505) 393-2476

Proposed

Company Name: RICE OPER, CO. Project Manager: KRISTIN FARRIS Address: 122 W. TAYLOR City: Hobbs State: N.M. Zip: 88240 Phone #: 393-9174 Fax #: 397-1471 Project #: EME JCT Box A-3 Project Owner: RICE Project Name: Project Location: Sampler Name: Rob Elam FOR LAB USE ONLY										BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:										ANALYSIS REQUEST																			
Lab I.D. Sample I.D. H5740-1 EME A-3 Bottom " 2 EME A-3 4 WAIL Comp.										MATRIX GROUNDWATER <input checked="" type="checkbox"/> SLUDGE <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/>										PRESERV. ACID/BASE <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/> ICE/COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>										SAMPLING DATE: 6-4-04 TIME: 330 DATE: 6-4-04 TIME: 330									
										# CONTAINERS CIG CIG																													
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Sampler Relinquished: Signed For Rob Elam Roy H. Elam Relinquished By:										Received By: Date: 6-4-04 Time: 0900 Date: _____ Time: _____										Received By: (Lab Staff) Date: _____ Time: _____																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Checked By: _____ Temp. C: _____ Temp. F: _____ Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Initials: _____										Phone Results: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Fax Results: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: PLEASE call in Results & Also FAX																			

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



backfill

COPY

Analytical Report

Prepared for:

Roy Rascon
Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240

Project: EME Jct. A-3
Project Number: None Given
Location: None Given

Lab Order Number: 6C23001

Report Date: 03/24/06

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. A-3
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/24/06 09:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EME Jct. A-3 Backfill@ 3'	6C23001-01	Soil	03/22/06 11:15	03/23/06 08:15

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. A-3
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/24/06 09:27

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EME Jct. A-3 Backfill@.3' (6C23001-01) Soil									
Chloride	612	10.0	mg/kg	20	EC62303	03/23/06	03/23/06	EPA 300.0	

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.

Page 2 of 4

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. A-3
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/24/06 09:27

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 EC62303 - Water Extraction										
Blank (EC62303-BLK1)				Prepared & Analyzed: 03/23/06						
Chloride	0.431	0.500	mg/kg							J
LCS (EC62303-BS1)				Prepared & Analyzed: 03/23/06						
Chloride	9.21		mg/L	10.0		92.1	80-120			
Calibration Check (EC62303-CCV1)				Prepared & Analyzed: 03/23/06						
Chloride	9.11		mg/L	10.0		91.1	80-120			
Duplicate (EC62303-DUP1)		Source: 6C21001-01		Prepared & Analyzed: 03/23/06						
Chloride	222	10.0	mg/kg		212			4.61	20	

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. A-3
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/24/06 09:27

Notes and Definitions

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
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
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:

Raland K. Tuttle

Date:

3/24/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

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

Ray R. Rasmussen

RICE OPER. CO.

122 W. TAYLOR

City/State/Zip: 440665, N.M. 88240

Telephone No: 505-393-9174

Carroll Mitchell

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

EME JCT A-3

Project #:

Project Lead:

并口

Fax No:

[illegible]

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

Client: Rice Op.
 Date/Time: 3/23/00 8:15
 Order #: WC23001
 Initials: CK

Sample Receipt Checklist

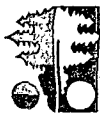
Temperature of container/cooler?	Yes	No	1.0	C
Shipping container/cooler in good condition?	Yes	No		
Custody Seals intact on shipping container/cooler?	Yes	No	Not present	
Custody Seals intact on sample bottles?	Yes	No	Not present	
Chain of custody present?	Yes	No		
Sample Instructions complete on Chain of Custody?	Yes	No		
Chain of Custody signed when relinquished and received?	Yes	No		
Chain of custody agrees with sample label(s)	Yes	No		
Container labels legible and intact?	Yes	No		
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:



J & L LANDFARM, INC.

P.O. BOX 356

HOBBS, NEW MEXICO 88241-0356

PHONE (505) 393-9697 • PERMIT # NM-01-0023

Make it last

0398

Generator/Company Rick Operating Co.
Authorized Representative Israel Juvatz
Originating Site E.M.E A-3

Transporter C.F.S. Inc.
Authorized Representative R. Chan

Brief Description of Material Non Haz-Soil

Estimated Volume 110 yards

TPH See Test

BE-TEX See Test

CERTIFICATE OF CHEMICAL ANALYSIS (if required) N/A

Quynh D. Quynh
FACILITY AUTHORIZED REPRESENTATIVE

May 27th, 2004
DATE

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