

1R - 425-13

REPORTS

DATE:

JAN 4, 2006

1R025-13

Final Report

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Vacuum	jct. H-27	H	27	17S	35E	Lea	Length	Width	Depth
							System Abandonment--no box		

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

Depth to Groundwater 75 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/28/2005 Date Completed 12/23/2005 NMOCD Witness no

Soil Excavated 6 cubic yards Excavation Length 8 Width 3 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/29/2005 Sample Depth 7 ft

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 7 ft BGS	0.0	<10.0	<10.0	118

LOCATION	DEPTH (ft)	ppm
vertical trench at junction box	3	187
	4	118
	5	121
	6	141
	7	110

General Description of Remedial Action:

This junction box was addressed as part of the Vacuum System Abandonment. After

removing the box materials, a delineation trench was made with a backhoe at the junction while soil samples were collected every ft of depth to 7 ft BGS.

Chloride field tests were performed on the samples and yielded low concentrations similar to background level. PID screenings were also performed

and also exhibited low concentrations. A grab sample at 7 ft BGS was analyzed at a laboratory for confirmation of the field tests. TPH concentrations

were below the lab's detection limits (<10.0 ppm), meeting NMOCD guidelines. The excavated soil was blended on site and then backfilled into the

trench and contoured to the surrounding surface. The disturbed area was seeded with a blend of native vegetation and is expected to return to

productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings

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

SITE SUPERVISOR Jorge Hernandez SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 1/4/2006 TITLE Project Scientist

Vacuum jct. H-27

Unit 'H', Sec. 27, T17S, R35E



before excavation; hole with box removed

7/1/2005



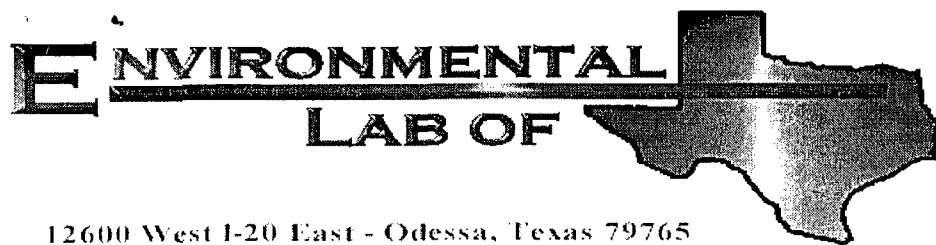
delineation trench at former box site

7/28/2005



seedling disturbed surface

12/23/2005



Analytical Report

Prepared for:

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

COPY

Project: Vacuum Jct. H-27
Project Number: None Given
Location: None Given

Lab Order Number: 5H01005

Report Date: 08/04/05

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

Project: Vacuum Jct. H-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
08/04/05 10:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Sample @ 7'	5H01005-01	Soil	07/29/05 08:15	07/29/05 17:45

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

Project: Vacuum Jct. H-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
08/04/05 10:35

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Sample @ 7' (5H01005-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EH50101	08/01/05	08/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		92.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		121 %	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.

Page 2 of 6

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

Project: Vacuum Jct. H-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
08/04/05 10:35

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Sample @ 7' (5H01005-01) Soil									
Chloride	118	5.00	mg/kg	10	EH50311	08/03/05	08/03/05	EPA 300.0	
% Moisture	10.2	0.1	%	1	EH50201	08/01/05	08/02/05	% calculation	

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

Project: Vacuum Jct. H-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
08/04/05 10:35

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
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Batch EH50101 - Solvent Extraction (GC)

Blank (EH50101-BLK1)

Prepared & Analyzed: 08/01/05

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	43.9		mg/kg	50.0		87.8	70-130			
Surrogate: 1-Chlorooctadecane	59.9		"	50.0		120	70-130			

LCS (EH50101-BS1)

Prepared & Analyzed: 08/01/05

Gasoline Range Organics C6-C12	442	10.0	mg/kg wet	500		88.4	75-125			
Diesel Range Organics >C12-C35	447	10.0	"	500		89.4	75-125			
Total Hydrocarbon C6-C35	889	10.0	"	1000		88.9	75-125			
Surrogate: 1-Chlorooctane	49.7		mg/kg	50.0		99.4	70-130			
Surrogate: 1-Chlorooctadecane	62.8		"	50.0		126	70-130			

Calibration Check (EH50101-CCV1)

Prepared & Analyzed: 08/01/05

Gasoline Range Organics C6-C12	455		mg/kg	500		91.0	80-120			
Diesel Range Organics >C12-C35	451		"	500		90.2	80-120			
Total Hydrocarbon C6-C35	906		"	1000		90.6	80-120			
Surrogate: 1-Chlorooctane	56.1		"	50.0		112	0-200			
Surrogate: 1-Chlorooctadecane	64.3		"	50.0		129	0-200			

Matrix Spike (EH50101-MS1)

Source: 5G29011-01

Prepared & Analyzed: 08/01/05

Gasoline Range Organics C6-C12	459	10.0	mg/kg dry	542	ND	84.7	75-125			
Diesel Range Organics >C12-C35	558	10.0	"	542	51.3	93.5	75-125			
Total Hydrocarbon C6-C35	1020	10.0	"	1080	51.3	89.7	75-125			
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.2	70-130			
Surrogate: 1-Chlorooctadecane	63.2		"	50.0		126	70-130			

Matrix Spike Dup (EH50101-MSD1)

Source: 5G29011-01

Prepared & Analyzed: 08/01/05

Gasoline Range Organics C6-C12	470	10.0	mg/kg dry	542	ND	86.7	75-125	2.37	20	
Diesel Range Organics >C12-C35	560	10.0	"	542	51.3	93.9	75-125	0.358	20	
Total Hydrocarbon C6-C35	1030	10.0	"	1080	51.3	90.6	75-125	0.976	20	
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	70-130			
Surrogate: 1-Chlorooctadecane	62.3		"	50.0		125	70-130			

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Page 4 of 6

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

Project: Vacuum Jct. H-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
08/04/05 10:35

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
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Batch EH50201 - General Preparation (Prep)

Blank (EH50201-BLK1)

Prepared: 08/01/05 Analyzed: 08/02/05

% Moisture ND 0.1 %

Duplicate (EH50201-DUP1)

Source: 5G29011-01

Prepared: 08/01/05 Analyzed: 08/02/05

% Moisture 8.3 0.1 % 7.8 6.21 20

Batch EH50311 - Water Extraction

Blank (EH50311-BLK1)

Prepared & Analyzed: 08/03/05

Chloride ND 0.500 mg/kg

LCS (EH50311-BS1)

Prepared & Analyzed: 08/03/05

Chloride 10.1 mg/L 10.0 101 80-120

Calibration Check (EH50311-CCV1)

Prepared & Analyzed: 08/03/05

Chloride 10.4 mg/L 10.0 104 80-120

Duplicate (EH50311-DUP1)

Source: 5H01003-01RE1 Prepared & Analyzed: 08/03/05

Chloride 989 25.0 mg/kg 975 1.43 20

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

Project: Vacuum Jct. H-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
08/04/05 10:35

Notes and Definitions

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: 8-04-05

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.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

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

Project Name: Kyowa 1st 4-27

Project #:

Project Loc:

PO #:

Fax No: 505-397-1471

Telephone No: 505-393-9174

Sampler Signature:

[illegible]

Special Instructions:

	Sample Containers Intact?	(Y=)	N
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Temperature Upon Receipt:

Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	7-27-05		<i>[Signature]</i>	7/27	15:00
Relinquished by: <i>[Signature]</i>	7/27	17:05	Received by ELDT: <i>[Signature]</i>	7-28-05	1745

4oz glass on ice w/lebel + seal

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 08-01-05 @ 0915

Order #: 51401005

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	No	<u>1.0</u>	C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	No		
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	No	Not present	
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	No	Not present	
Chain of custody present?	<input checked="" type="checkbox"/> Yes	No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	No		
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	No		
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	No		
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	No		
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	No		
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	No		
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	No		
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	No		
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	No	Not Applicable	

Other observations:

Variance Documentation:

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

Regarding:

Corrective Action Taken:

HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
VOC FIELD TEST REPORT FORM

100 PPM
BALANCE
FILL DATE: 2-1-05
ACCURACY: \pm 2%

[illegible]

Date _____

7-29-08