

1R - 427 - 150

REPORTS

DATE:

9-17-04

EME JCT J-32

1R0427-150

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	J-32	J	32	19S	37E	Lea	6	5	5

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Edwin Johnston OTHER _____

Depth to Groundwater 25 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 7/23/2004 Date Completed 8/10/2004 OCD Witness No

Soil Excavated 22 cubic yards Excavation Length 10 Width 10 Depth 6 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/26/2004 Sample Depth 6-7 ft

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.

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.0	<10.0	<10.0	191
BOTTOM COMP.	0.0	<10.0	<10.0	106
REMED. BACKFILL	0.0	<10.0	<10.0	213

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical	6	270
at jct.	7	240
5 ft North	wall comp.	180
5 ft South	wall comp.	180
5 ft East	wall comp.	230
5 ft West	wall comp.	270
4-wall comp.	0-6	330
bottom comp.	6-7	210
remed. backfill	n/a	210
background	0	88

General Description of Remedial Action: Initial assessment of this junction box included no physical evidence of hydrocarbon or chloride impact. The lumber was removed and excavation and delineation was performed with a backhoe while field screenings were conducted for chloride and VOC's. Field tests yielded low chloride concentrations, similar to background levels. All PID readings were 0.0 except one at 6 ft, which was 1.1 ppm. TPH guidelines were met within the 10 x 10 x 6-ft-deep excavation, as concentrations were non-detect in laboratory samples. The excavated soil was blended on site and then backfilled into the hole. A new watertight junction box has been built over this location.

enclosures: photos, lab results, PID screenings

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

SITE SUPERVISOR Rob Elam SIGNATURE *Rob Elam* COMPANY Curt's Environmental-Odessa, TX

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*

DATE 9/17/2004 TITLE Project Scientist

EME jct. J-32

unit 'J', Sec. 32, T19S, R37E



undisturbed junction box

7/26/2004



delineation & excavation

7/26/2004



delineation & excavation

7/26/2004



backfilling

8/10/2004



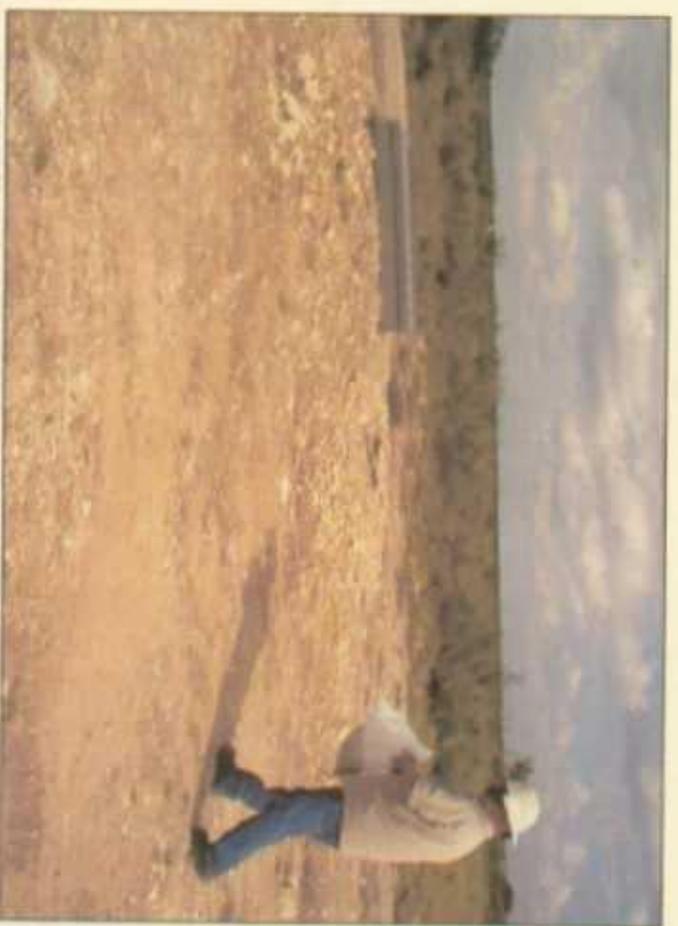
compacted floor ready for box

8/31/2004



completed watertight junction box

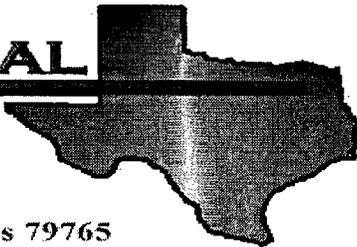
9/1/2004



seeding disturbed surface

10/4/2004

E NVIRONMENTAL
LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

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

Project: Jct. J-32
Project Number: None Given
Location: EME

Lab Order Number: 4G29015

Report Date: 08/04/04

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

Project: Jct. J-32
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
08/04/04 15:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
6' Bottom Comp.	4G29015-01	Soil	07/26/04 11:30	07/29/04 15:17
Wall Comp.	4G29015-02	Soil	07/26/04 11:30	07/29/04 15:17
Backfill Comp.	4G29015-03	Soil	07/26/04 11:30	07/29/04 15:17

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

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
6' Bottom Comp. (4G29015-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42909	07/29/04	08/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		99.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		99.2 %	70-130		"	"	"	"	
Wall Comp. (4G29015-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42909	07/29/04	08/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		94.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		101 %	70-130		"	"	"	"	
Backfill Comp. (4G29015-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42909	07/29/04	08/03/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		78.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		73.8 %	70-130		"	"	"	"	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
6' Bottom Comp. (4G29015-01) Soil									
Chloride	106	20.0	mg/kg Wet	2	EH40406	07/30/04	08/03/04	SW 846 9253	
% Solids	77.0		%	1	EH40206	07/30/04	07/30/04	% calculation	
Wall Comp. (4G29015-02) Soil									
Chloride	191	20.0	mg/kg Wet	2	EH40406	07/30/04	08/03/04	SW 846 9253	
% Solids	87.0		%	1	EH40206	07/30/04	07/30/04	% calculation	
Backfill Comp. (4G29015-03) Soil									
Chloride	213	20.0	mg/kg Wet	2	EH40406	07/30/04	08/03/04	SW 846 9253	
% Solids	80.0		%	1	EH40206	07/30/04	07/30/04	% calculation	

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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 EG42909 - Solvent Extraction (GC)

Blank (EG42909-BLK1)

Prepared: 07/29/04 Analyzed: 08/03/04

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	40.4		mg/kg	50.0		80.8	70-130			
Surrogate: 1-Chlorooctadecane	35.3		"	50.0		70.6	70-130			

LCS (EG42909-BS1)

Prepared: 07/29/04 Analyzed: 08/03/04

Gasoline Range Organics C6-C12	411	10.0	mg/kg wet	500		82.2	75-125			
Diesel Range Organics >C12-C35	428	10.0	"	500		85.6	75-125			
Total Hydrocarbon C6-C35	839	10.0	"	1000		83.9	75-125			
Surrogate: 1-Chlorooctane	57.4		mg/kg	50.0		115	70-130			
Surrogate: 1-Chlorooctadecane	38.2		"	50.0		76.4	70-130			

Calibration Check (EG42909-CCV1)

Prepared: 07/29/04 Analyzed: 08/03/04

Gasoline Range Organics C6-C12	420		mg/kg	500		84.0	80-120			
Diesel Range Organics >C12-C35	420		"	500		84.0	80-120			
Total Hydrocarbon C6-C35	840		"	1000		84.0	80-120			
Surrogate: 1-Chlorooctane	57.0		"	50.0		114	70-130			
Surrogate: 1-Chlorooctadecane	52.3		"	50.0		105	70-130			

Matrix Spike (EG42909-MS1)

Source: 4G29007-63

Prepared: 07/29/04 Analyzed: 08/03/04

Gasoline Range Organics C6-C12	476	10.0	mg/kg dry	568	ND	83.8	75-125			
Diesel Range Organics >C12-C35	558	10.0	"	568	ND	98.2	75-125			
Total Hydrocarbon C6-C35	1030	10.0	"	1140	ND	90.4	75-125			
Surrogate: 1-Chlorooctane	56.1		mg/kg	50.0		112	70-130			
Surrogate: 1-Chlorooctadecane	48.3		"	50.0		96.6	70-130			

Matrix Spike Dup (EG42909-MSD1)

Source: 4G29007-63

Prepared: 07/29/04 Analyzed: 08/03/04

Gasoline Range Organics C6-C12	483	10.0	mg/kg dry	568	ND	85.0	75-125	1.46	20	
Diesel Range Organics >C12-C35	521	10.0	"	568	ND	91.7	75-125	6.86	20	
Total Hydrocarbon C6-C35	1000	10.0	"	1140	ND	87.7	75-125	2.96	20	
Surrogate: 1-Chlorooctane	53.5		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	44.9		"	50.0		89.8	70-130			

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Reported:
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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 EH40206 - General Preparation (Prep)										
Blank (EH40206-BLK1)					Prepared & Analyzed: 07/30/04					
% Solids	100		%							
Duplicate (EH40206-DUP1)					Source: 4G29012-01 Prepared & Analyzed: 07/30/04					
% Solids	87.0		%		88.0			1.14	20	
Batch EH40406 - Water Extraction										
Blank (EH40406-BLK1)					Prepared & Analyzed: 08/03/04					
Chloride	ND		20.0 mg/kg Wet							
Matrix Spike (EH40406-MS1)					Source: 4G29015-01 Prepared: 07/30/04 Analyzed: 08/03/04					
Chloride	564		20.0 mg/kg Wet	500	106	91.6	80-120			
Matrix Spike Dup (EH40406-MSD1)					Source: 4G29015-01 Prepared: 07/30/04 Analyzed: 08/03/04					
Chloride	553		20.0 mg/kg Wet	500	106	89.4	80-120	1.97	20	
Reference (EH40406-SRM1)					Prepared & Analyzed: 08/03/04					
Chloride	4940		mg/kg	5000		98.8	80-120			

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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: 8-04-04

Raland K. Tuttle, QA Officer

Celey D. Keene, Lab Director, Org. Tech Director

Jeanne Mc Murrey, Inorg. Tech Director

James L. Hawkins, Chemist/Geologist

Sara Molina, Chemist

Sandra Biezugbe, Lab Tech.

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

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

Client: Rice Operating Co.

Date/Time: 07-29-04 @ 1700

Order #: 4G29015

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="radio"/> Yes	No	10.0	C
Shipping container/cooler in good condition?	Yes	No	N/A	
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?	<input checked="" type="radio"/> Yes	No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Chain of Custody signed when relinquished and received?	<input checked="" type="radio"/> Yes	No		
Chain of custody agrees with sample label(s)	<input checked="" type="radio"/> Yes	No		
Container labels legible and intact?	<input checked="" type="radio"/> Yes	No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="radio"/> Yes	No		
Samples in proper container/bottle?	<input checked="" type="radio"/> Yes	No		
Samples properly preserved?	Yes	No	should be 4°C	
Sample bottles intact?	<input checked="" type="radio"/> Yes	No		
Preservations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Sufficient sample amount for indicated test?	<input checked="" type="radio"/> Yes	No		
All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	No		
VOC samples have zero headspace?	<input checked="" type="radio"/> Yes	No	Not Applicable	

Other observations:

Variance Documentation:

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

Corrective Action Taken:
