

1R - 425-18

REPORTS

DATE:

DEC 12, 2005

Uac Jct 6-33

1R0425-18

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
Vacuum	jct. G-33	G	33	17S	35E	Lea	no box--System abandoned		

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

Depth to Groundwater 83 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/13/2005 Date Completed 11/21/2005 NMOCD Witness no

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

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

FINAL ANALYTICAL RESULTS: Sample Date 9/13/2005 Sample Depth 6 ft

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.

CHLORIDE FIELD TESTS

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 6 ft BGS	0.0	<10.0	<10.0	67.1
REMED. BACKFILL	0.0	<10.0	<10.0	459

LOCATION	DEPTH (ft)	ppm
delineation trench at junction	2	577
	3	830
	4	275
	5	122
	6	108
backfill	n/a	717
background	surface	72

General Description of Remedial Action:

This junction box was addressed as

part of the Vacuum SWD System abandonment. A delineation trench was made at the junction to 6 ft BGS using a backhoe. Soil samples were collected every vertical ft of depth from 2 to 6 ft. Chloride field tests were conducted on these samples and yielded a conclusive trend of decline with depth, indicative of non-saturated vadose conditions. The laboratory analysis of the 6 ft sample confirmed the low concentration of 67.1 ppm, similar to background level. PID screenings performed on the soil samples were all 0.0 ppm and there were no indications of hydrocarbon impact. TPH was not present in detectable concentrations (<10.0 ppm), meeting NMOCD guidelines. The excavated soil was blended on site and then backfilled into the trench. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate. Because the SWD System is no longer active, a new junction box is not required.

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 Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 12/12/2005 TITLE Project Scientist

Vacuum jet. G-33



undisturbed junction box (facing south)

9/13/2005



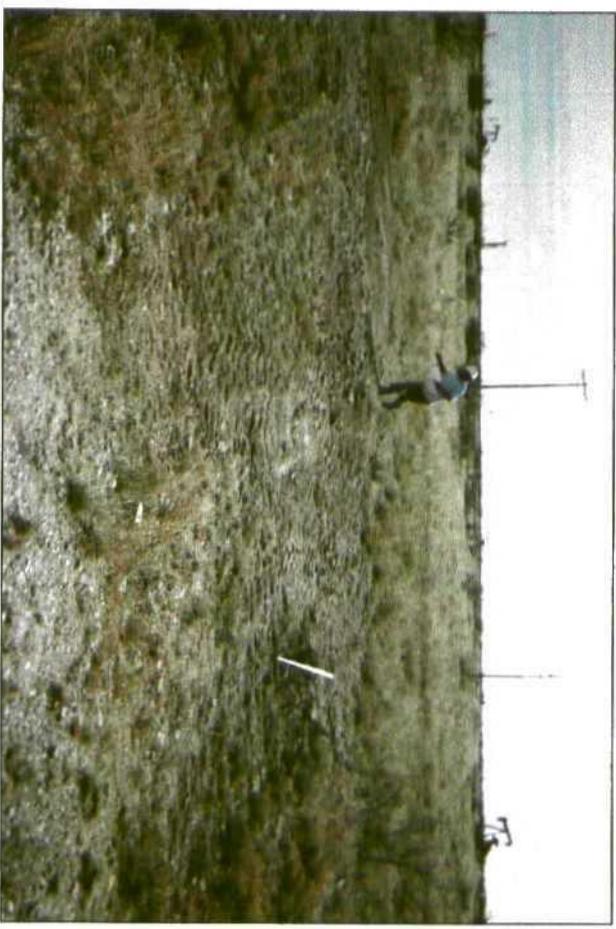
box removed, prior to excavation (facing south)

9/13/2005



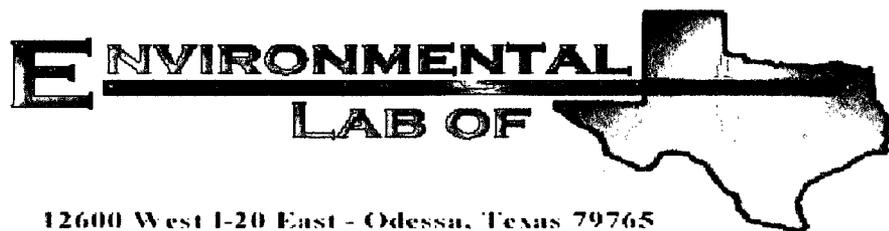
delineation trench at former junction box site

9/13/2005



seeding disturbed surface after backfill

11/23/2005



12600 West I-20 East - Odessa, Texas 79765

COPY

Analytical Report

Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Vacuum Jct. G-33

Project Number: None Given

Location: None Given

Lab Order Number: 5115003

Report Date: 09/20/05

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

Project: Vacuum Jct. G-33
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/20/05 14:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Blended Backfill Comp.	5115003-01	Soil	09/13/05 09:39	09/15/05 07:40
Vert@ 6' Grab	5115003-02	Soil	09/13/05 00:00	09/15/05 07:40

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Project Manager: Roy Rascon

Fax: (505) 397-1471

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09/20/05 14:59

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Blended Backfill Comp. (S115003-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	E151514	09/15/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		81.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		108 %	70-130		"	"	"	"	
Vert@ 6' Grab (S115003-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	E151514	09/15/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		80.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		102 %	70-130		"	"	"	"	

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Reported:
09/20/05 14:59

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Blended Backfill Comp. (5115003-01) Soil									
Chloride	459	10.0	mg/kg	20	E151603	09/15/05	09/15/05	EPA 300.0	
% Moisture	6.1	0.1	%	1	E151609	09/15/05	09/16/05	% calculation	
Vert@ 6' Grab (5115003-02) Soil									
Chloride	67.1	5.00	mg/kg	10	E151603	09/15/05	09/15/05	EPA 300.0	
% Moisture	5.7	0.1	%	1	E151609	09/15/05	09/16/05	% 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
Batch EI15114 - Solvent Extraction (GC)										
Blank (EI15114-BLK1) Prepared: 09/15/05 Analyzed: 09/16/05										
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	40.4		mg/kg	50.0		80.8	70-130			
Surrogate: 1-Chlorooctadecane	52.0		"	50.0		104	70-130			
LCS (EI15114-BS1) Prepared: 09/15/05 Analyzed: 09/16/05										
Gasoline Range Organics C6-C12	433	10.0	mg/kg wet	500		86.6	75-125			
Diesel Range Organics >C12-C35	419	10.0	"	500		83.8	75-125			
Total Hydrocarbon C6-C35	852	10.0	"	1000		85.2	75-125			
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	70-130			
Surrogate: 1-Chlorooctadecane	51.2		"	50.0		102	70-130			
Calibration Check (EI15114-CCV1) Prepared: 09/15/05 Analyzed: 09/19/05										
Gasoline Range Organics C6-C12	413		mg/kg	500		82.6	80-120			
Diesel Range Organics >C12-C35	460		"	500		92.0	80-120			
Total Hydrocarbon C6-C35	873		"	1000		87.3	80-120			
Surrogate: 1-Chlorooctane	53.5		"	50.0		107	0-200			
Surrogate: 1-Chlorooctadecane	53.8		"	50.0		108	0-200			
Matrix Spike (EI15114-MS1) Source: 5115002-02 Prepared: 09/15/05 Analyzed: 09/16/05										
Gasoline Range Organics C6-C12	558	10.0	mg/kg dry	549	ND	102	75-125			
Diesel Range Organics >C12-C35	569	10.0	"	549	ND	104	75-125			
Total Hydrocarbon C6-C35	1130	10.0	"	1100	ND	103	75-125			
Surrogate: 1-Chlorooctane	53.9		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	46.8		"	50.0		93.6	70-130			
Matrix Spike Dup (EI15114-MSD1) Source: 5115002-02 Prepared: 09/15/05 Analyzed: 09/16/05										
Gasoline Range Organics C6-C12	551	10.0	mg/kg dry	549	ND	100	75-125	1.26	20	
Diesel Range Organics >C12-C35	589	10.0	"	549	ND	107	75-125	3.45	20	
Total Hydrocarbon C6-C35	1140	10.0	"	1100	ND	104	75-125	0.881	20	
Surrogate: 1-Chlorooctane	54.2		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	46.7		"	50.0		93.4	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.

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

Project: Vacuum Jct. G-33
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/20/05 14:59

**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 EI51603 - Water Extraction										
Blank (EI51603-BLK1)				Prepared & Analyzed: 09/15/05						
Chloride	ND	0.500	mg/kg							
LCS (EI51603-BS1)				Prepared & Analyzed: 09/15/05						
Chloride	8.59		mg/L	10.0		85.9	80-120			
Calibration Check (EI51603-CCV1)				Prepared & Analyzed: 09/15/05						
Chloride	8.66		mg/L	10.0		86.6	80-120			
Duplicate (EI51603-DUP1)		Source: 5I13016-04			Prepared & Analyzed: 09/15/05					
Chloride	896	10.0	mg/kg		897			0.112	20	
Batch EI51609 - General Preparation (Prep)										
Blank (EI51609-BLK1)				Prepared: 09/15/05 Analyzed: 09/16/05						
% Solids	100		%							
Duplicate (EI51609-DUP1)		Source: 5I14003-01			Prepared: 09/15/05 Analyzed: 09/16/05					
% Solids	90.2		%		89.6			0.667	20	
Duplicate (EI51609-DUP2)		Source: 5I15013-01			Prepared: 09/15/05 Analyzed: 09/16/05					
% Solids	89.9		%		88.9			1.12	20	

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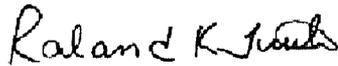
Fax: (505) 397-1471

Reported:
09/20/05 14:59

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:



Date: 9/20/2005

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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Environmental Lab of Texas

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Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating

Date/Time: 9-15-05 - 0740

Order #: SF15003

Initials: NT

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3.5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Chain of custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable

Other observations:

Variance Documentation:

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

Corrective Action Taken:

RICE OPERATING CO.

122 West Taylor

Hobbs, New Mexico 88240

Phone: (505) 393 - 9174 FAX (505) 397 - 1471

VOC FIELD CALIBRATION REPORT FORM

Mini RAE Plus Classic Photoionization Gas Detector

Model NO: PGM 761S Serial NO: 104412

Calibration Gas Composition: Isobutylene 100ppm / Air Balance

Lot NO.: 04-~~2747~~²⁷⁴⁷ree

Expiration Date: 8-1-06 Fill Date: 2-1-05

Calibration Gas Accuracy: +/- 2% Meter Reading Accuracy: 100.0

System	Junction	Unit	Section	Township	Range
VAC	G-33	G	33	17S	35E

Vert. @ Source only

Sample Depth	PID Results	Sample Depth	PID Results
1'		Blended Backfill	0.0
2'	0.0	Surface	0.0
3'	0.0		
4'	0.0		
5'	0.0		
6'	0.0		
7'			
8'			
9'			
10'			
11'			
12'			

COPY

I verify that I have calibrated the above instrument in accordance to the manufacturer operations manual.

Signature: Ray R. Rascon

Date: 9-13-05