

1R - 425-6

REPORTS

DATE:

DEC 12, 2005

Vac. Mobil "I" cc unit
EOL

1R0425-06

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	Mobil 'I' CC Unit EOL	L	36	17S	34E	Lea	no box--System abandonment		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____
 Depth to Groundwater 102 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0
 Date Started 7/19/2005 Date Completed 12/1/2005 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 7/19/2005 Sample Depth 7 ft

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 @ 7 ft BGS	1.6	<10.0	<10.0	21.2

LOCATION	DEPTH (ft)	ppm
vertical trench at junction	1	101
	2	114
	3	103
	4	113
	5	103
	6	115
	7	71

General Description of Remedial Action:

This end-of-line (EOL) junction box

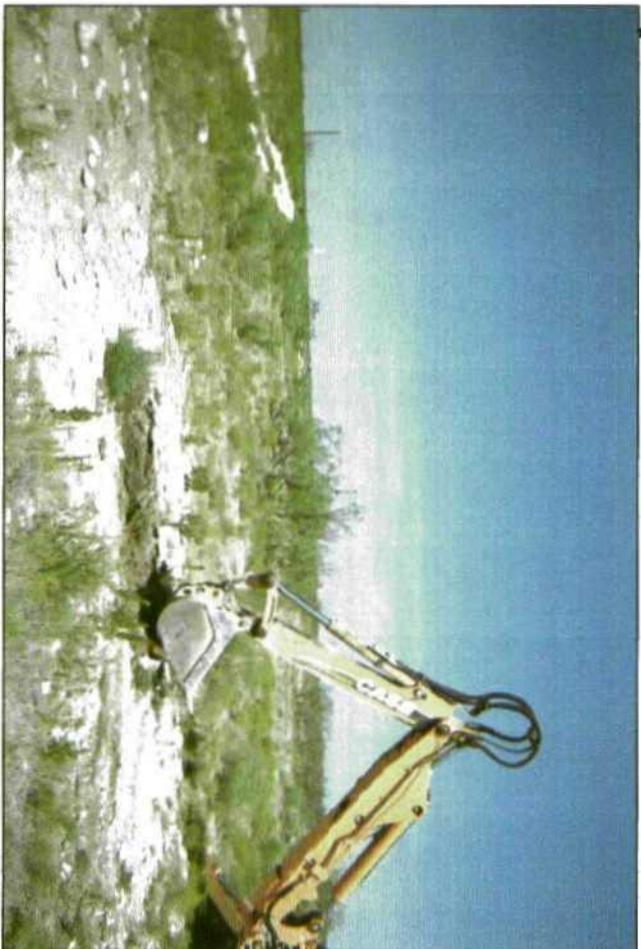
was addressed as part of the Vacuum SWD System abandonment. After the box was removed, a delineation trench was made using a backhoe at the former junction site to 7 ft BGS. Soil samples were collected every foot of depth with the 7 ft sample sent to a laboratory for analysis. Chloride field tests revealed very low concentrations. PID screenings were also very low. There were no indications of hydrocarbon impact and the lab analysis confirmed that TPH was not present within the lab's detection limits (<10.0 ppm), meeting NMOCD TPH guidelines. The excavated soil was blended on site and then backfilled into the trench. The disturbed surface has been seeded with a blend of native vegetation on 12/2/2005 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 Israel Juarez SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*
 DATE 12/12/2005 TITLE Project Scientist



beginning excavation trench at former junction box site 7/19/2005

Vacuum Mobil 'I' CC Unit FOI

Unit 'L', Sec. 36, T17S, R34E



delineation trench (facing north) 7/19/2005

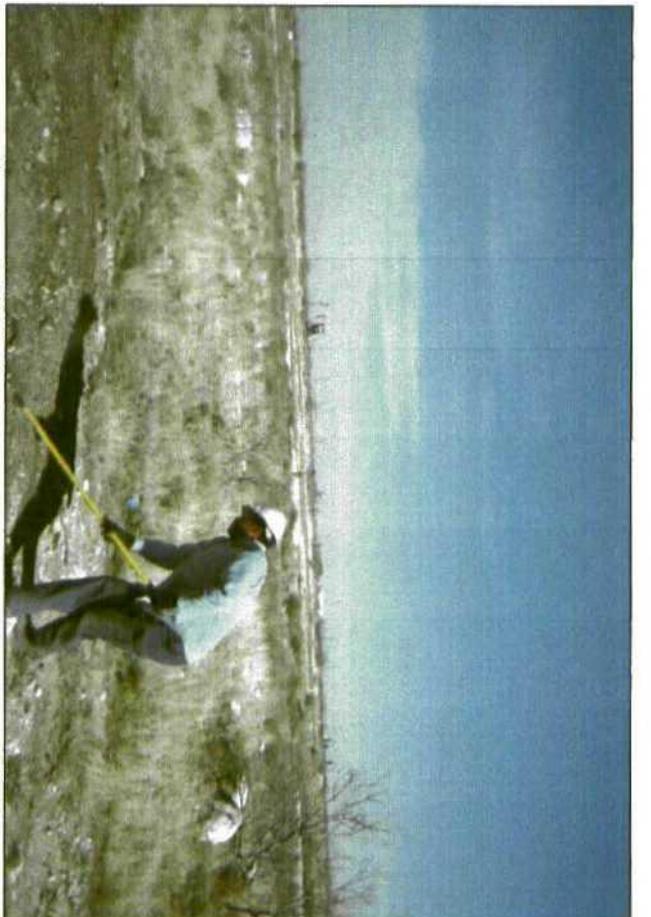


open trench prior to backfill 12/2/2005



backfilling trench

12/2/2005



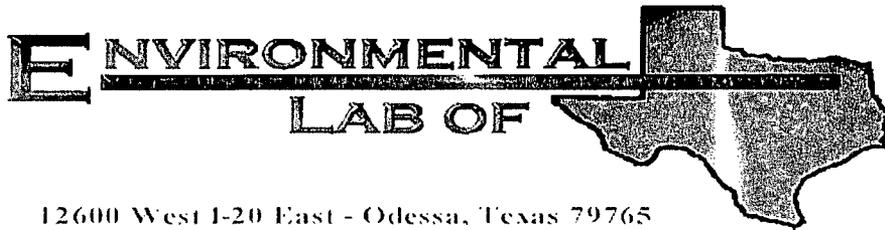
seeding backfilled site

12/2/2005



watering seed

12/2/2005



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 Mobil I CC Unit EOL

Project Number: None Given

Location: None Given

Lab Order Number: 5G21004

Report Date: 07/26/05

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

Project: Vacuum Mobil I CC Unit EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
07/26/05 08:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vertical Grab@ 7'	5G21004-01	Soil	07/19/05 10:35	07/21/05 08:15

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

Project: Vacuum Mobil 1 CC Unit EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
07/26/05 08:11

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vertical Grab@ 7' (5G21004-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52111	07/21/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		80.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		76.2 %	70-130		"	"	"	"	

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

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Fax: (505) 397-1471

Reported:
07/26/05 08:11

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vertical Grab@ 7' (5G21004-01) Soil									
Chloride	21.2	5.00	mg/kg	10	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	16.1	0.1	%	1	EG52107	07/21/05	07/22/05	% calculation	

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122 W. Taylor
Hobbs NM, 88240

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07/26/05 08:11

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 EG52111 - Solvent Extraction (GC)

Blank (EG52111-BLK1)

Prepared: 07/21/05 Analyzed: 07/22/05

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	42.0		mg/kg	50.0		84.0	70-130			
Surrogate: 1-Chlorooctadecane	41.6		"	50.0		83.2	70-130			

LCS (EG52111-BS1)

Prepared: 07/21/05 Analyzed: 07/22/05

Gasoline Range Organics C6-C12	421	10.0	mg/kg wet	500		84.2	75-125			
Diesel Range Organics >C12-C35	440	10.0	"	500		88.0	75-125			
Total Hydrocarbon C6-C35	861	10.0	"	1000		86.1	75-125			
Surrogate: 1-Chlorooctane	50.8		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	42.2		"	50.0		84.4	70-130			

Calibration Check (EG52111-CCV1)

Prepared: 07/21/05 Analyzed: 07/23/05

Gasoline Range Organics C6-C12	486		mg/kg	500		97.2	80-120			
Diesel Range Organics >C12-C35	478		"	500		95.6	80-120			
Total Hydrocarbon C6-C35	964		"	1000		96.4	80-120			
Surrogate: 1-Chlorooctane	55.9		"	50.0		112	70-130			
Surrogate: 1-Chlorooctadecane	45.9		"	50.0		91.8	70-130			

Matrix Spike (EG52111-MS1)

Source: 5G21003-01

Prepared: 07/21/05 Analyzed: 07/22/05

Gasoline Range Organics C6-C12	474	10.0	mg/kg dry	545	ND	87.0	75-125			
Diesel Range Organics >C12-C35	512	10.0	"	545	ND	93.9	75-125			
Total Hydrocarbon C6-C35	986	10.0	"	1090	ND	90.5	75-125			
Surrogate: 1-Chlorooctane	53.9		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	44.8		"	50.0		89.6	70-130			

Matrix Spike Dup (EG52111-MSD1)

Source: 5G21003-01

Prepared: 07/21/05 Analyzed: 07/22/05

Gasoline Range Organics C6-C12	461	10.0	mg/kg dry	545	ND	84.6	75-125	2.78	20	
Diesel Range Organics >C12-C35	529	10.0	"	545	ND	97.1	75-125	3.27	20	
Total Hydrocarbon C6-C35	990	10.0	"	1090	ND	90.8	75-125	0.405	20	
Surrogate: 1-Chlorooctane	54.0		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	44.5		"	50.0		89.0	70-130			

Environmental Lab of Texas

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

Project: Vacuum Mobil I CC Unit EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
07/26/05 08:11

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 EG52107 - General Preparation (Prep)										
Blank (EG52107-BLK1)					Prepared: 07/21/05 Analyzed: 07/22/05					
% Moisture	ND	0.1	%							
Duplicate (EG52107-DUP1)					Source: 5G21001-01 Prepared: 07/21/05 Analyzed: 07/22/05					
% Moisture	23.1	0.1	%		19.4			17.4	20	
Batch EG52512 - Water Extraction										
Blank (EG52512-BLK1)					Prepared & Analyzed: 07/23/05					
Chloride	ND	0.500	mg/kg							
LCS (EG52512-BS1)					Prepared & Analyzed: 07/23/05					
Chloride	10.7		mg/L	10.0		107	80-120			
Calibration Check (EG52512-CCV1)					Prepared & Analyzed: 07/23/05					
Chloride	10.6		mg/L	10.0		106	80-120			
Duplicate (EG52512-DUP1)					Source: 5G20024-02 Prepared & Analyzed: 07/23/05					
Chloride	1390	25.0	mg/kg		1380			0.722	20	

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

Project: Vacuum Mobil I CC Unit EOL
Project Number: None Given
Project Manager: Roy Rascon

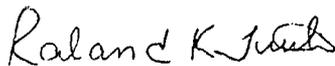
Fax: (505) 397-1471

Reported:
07/26/05 08:11

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:

7/26/2005

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
 Date/Time: 7/21/05 8:15
 Order #: 5621004
 Initials: CR

Sample Receipt Checklist

	Yes	No	
Temperature of container/cooler?			1.5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/>	No	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/>	No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/>	No	Not present
Chain of custody present?	<input checked="" type="checkbox"/>	No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/>	No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/>	No	
Container labels legible and intact?	<input checked="" type="checkbox"/>	No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/>	No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/>	No	
Samples properly preserved?	<input checked="" type="checkbox"/>	No	
Sample bottles intact?	<input checked="" type="checkbox"/>	No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/>	No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/>	No	Not Applicable

Other observations:

Variance Documentation:

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

Corrective Action Taken:

Rice Operating Company

HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

MODEL NO: PGM 76IS
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE AIR

SERIAL NO: 104412

LOT NO: 04-2747
EXP. DATE: 8-1-06
METER READING
ACCURACY: 100.2

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

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
Vacuum	Mobil II CC unit 1/2	L	36	17	34

SAMPLE	PID RESULT	SAMPLE	PID RESULT
A1 Source 1'	2.9		
2'	1.5		
3'	0.4		
4'	1.7		
5'	1.2		
6'	0.8		
Vertical Grab # 7'	1.6		

COPY

I certify that I have calibrated the above instrument in accordance to the manufacture operation manual.

Signature *[Handwritten Signature]*

Date 7/19/05