1R - 425-6

REPORTS

DATE:

Dec 12, 2005

Vac. Mobil "I" CC Unit
EOC

IR0425-06

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.

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

CHLORIDE FIELD TESTS

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

Vacuum Mobil 'I' CC Unit EOL

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

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

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

ENVIRONMENTAL 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: 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.	Project: Vacuum Mobil I CC Unit EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	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

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Rice Operating Co.	Project: Vacuum Mobil I CC Unit EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*80.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*76.2 %*	*70-130*		"	"	"	"	

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Rice Operating Co.	Project: Vacuum Mobil I CC Unit EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	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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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 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*			

Rice Operating Co.	Project: Vacuum Mobil I CC Unit EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	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	

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Rice Operating Co.	Project: Vacuum Mobil I CC Unit EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	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: Raland K Tuttle 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, Inc.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon
Company Name: Rice Operating Company
Company Address: 122 W Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: 505-393-9174
Fax No: 505-397-1471
Sampler Signature: Israel Chavez

Project Name: Vacuum Mobil 'I' CC unit coil
Project #:
Project Loc:
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: TCLP: / TOTAL: / Cl /	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	IEC, CEC, SAR, ESP	Major cations/anions, TDS						RUSH TAT (Pre-Schedule)	Standard TAT
392004 -01	Vertical Grab @ 7'	7-19-05	10:35 AM	1	X									X		X			X													

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 1.5
Laboratory Comments: 402 jar seals/labels

Relinquished by:	Date	Time	Received by:	Date	Time
Israel Chavez	7/20/05	3:30	[illegible]	7/20	18:00
[illegible]	7/21	8:15	Received by ELOT: [illegible]	7/21/05	8:45

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

Client: Rice

Date/Time: 7/21/05 8:15

Order #: 5G21004

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.5 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:

_____

_____

_____

_____

_____

_____

_____

_____

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

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

SERIAL NO: 104412

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

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
Vacuum	Mobil "I" cc unit, bal	L	36	17	34

SAMPLE	PID RESULT	SAMPLE	PID RESULT
At Source 1'	2.9		
2'	1.5		
3'	0.4		
4'	1.7		
5'	1.2		
6'	0.8		
Verticle Grab @ 7'	1.6		

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

Signature Israel Jimenez Date 7/19/05