1R - 425-32

REPORTS

DATE:

2006

Van K-35
IR-425-32

Final Report

RECEIVED
APR - 3 2007
Environmental Bureau
Oil Conservation Division

Closure

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

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

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

Depth to Groundwater 52 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 8/12/2005 Date Completed 2/17/2006 NMOCD Witness no

Soil Excavated 7 cubic yards Excavation Length 9 Width 3 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 8/12/2005 **Sample Depth** 7 ft

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

Sample Location	PID (field) ppm	Total Hydrocarbon (C6-C35) mg/kg	Chloride mg/kg
GRAB @ 7 ft BGS	0.1	<10.0	194

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
delineation trench at junction box site	2	120
	3	203
	4	214
	5	258
	6	326
	7	232

General Description of Remedial Action: This junction box site was addressed as part of the Vacuum SWD System Abandonment. After the box was removed, the site was delineated using a backhoe to collect soil samples at regular intervals to a depth of 7 ft. Chloride field tests and PID readings were conducted on all of the samples. Concentrations of both constituents were very low. A sample from the bottom of the trench was analyzed by a laboratory for confirmation of field tests. The excavated soil was blended on site and then backfilled into the trench and contoured to the surrounding terrain. The disturbed surface was seeded with a blend of native vegetation on 2/22/2006 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 9/19/2006 TITLE Project Scientist

Vacuum K-35 vent

junction box prior to excavation 7/11/2005

beginning delineation trench at former jct. site 8/12/2005

spreading imported topsoil on backfilled site

raking seed 2/22/2006

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: 1%

SERIAL NO: 104412

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

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
Vacuum	K-35	K	35	17S	35E

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Dump @ 2'	0.1		
3'	0.1		
4'	0.3		
5'	0.4		
6'	0.2		
7'	0.1		

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

Signature _____ Date 5-12-05

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 Vent K-35

Project Number: None Given

Location: None Given

Lab Order Number: 5H15002

Report Date: 08/19/05

Rice Operating Co.	Project: Vacuum Vent K-35	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/19/05 15:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Grab Sample @ 7'	5H15002-01	Soil	08/12/05 10:15	08/12/05 17:45

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Rice Operating Co.	Project: Vacuum Vent K-35	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/19/05 15:04

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Grab Sample @ 7' (5H15002-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EH51502	08/15/05	08/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*118 %*	*70-130*		"	"	"	"	

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Rice Operating Co.	Project: Vacuum Vent K-35	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/19/05 15:04

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Grab Sample @ 7' (5H15002-01) Soil									
Chloride	**194**	5.00	mg/kg	10	EH51905	08/19/05	08/19/05	EPA 300.0	
% Moisture	**7.9**	0.1	%	1	EH51504	08/15/05	08/15/05	% calculation	

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Rice Operating Co.	Project: Vacuum Vent K-35	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	08/19/05 15:04

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 EH51502 - Solvent Extraction (GC)										
Blank (EH51502-BLK1)				Prepared & Analyzed: 08/15/05						
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	*48.4*		*mg/kg*	*50.0*		*96.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*55.4*		"	*50.0*		*111*	*70-130*			
LCS (EH51502-BS1)				Prepared & Analyzed: 08/15/05						
Gasoline Range Organics C6-C12	420	10.0	mg/kg wet	500		84.0	75-125			
Diesel Range Organics >C12-C35	457	10.0	"	500		91.4	75-125			
Total Hydrocarbon C6-C35	877	10.0	"	1000		87.7	75-125			
Surrogate: 1-Chlorooctane	*49.1*		*mg/kg*	*50.0*		*98.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.6*		"	*50.0*		*99.2*	*70-130*			
Calibration Check (EH51502-CCV1)				Prepared & Analyzed: 08/15/05						
Gasoline Range Organics C6-C12	453		mg/kg	500		90.6	80-120			
Diesel Range Organics >C12-C35	472		"	500		94.4	80-120			
Total Hydrocarbon C6-C35	925		"	1000		92.5	80-120			
Surrogate: 1-Chlorooctane	*52.6*		"	*50.0*		*105*	*0-200*			
Surrogate: 1-Chlorooctadecane	*56.1*		"	*50.0*		*112*	*0-200*			
Matrix Spike (EH51502-MS1)	**Source: 5H15006-01**			Prepared & Analyzed: 08/15/05						
Gasoline Range Organics C6-C12	527	10.0	mg/kg dry	613	ND	86.0	75-125			
Diesel Range Organics >C12-C35	660	10.0	"	613	90.0	93.0	75-125			
Total Hydrocarbon C6-C35	1190	10.0	"	1230	90.0	89.4	75-125			
Surrogate: 1-Chlorooctane	*51.3*		*mg/kg*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.0*		"	*50.0*		*104*	*70-130*			
Matrix Spike Dup (EH51502-MSD1)	**Source: 5H15006-01**			Prepared & Analyzed: 08/15/05						
Gasoline Range Organics C6-C12	511	10.0	mg/kg dry	613	ND	83.4	75-125	3.08	20	
Diesel Range Organics >C12-C35	627	10.0	"	613	90.0	87.6	75-125	5.13	20	
Total Hydrocarbon C6-C35	1140	10.0	"	1230	90.0	85.4	75-125	4.29	20	
Surrogate: 1-Chlorooctane	*51.2*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.6*		"	*50.0*		*115*	*70-130*			

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Rice Operating Co.	Project: Vacuum Vent K-35	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/19/05 15:04

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 EH51504 - General Preparation (Prep)										
Blank (EH51504-BLK1)				Prepared & Analyzed: 08/15/05						
% Solids	100		%							
Duplicate (EH51504-DUP1)		Source: 5H12003-01		Prepared & Analyzed: 08/15/05						
% Solids	70.6		%		72.0			1.96	20	
Duplicate (EH51504-DUP2)		Source: 5H15007-01		Prepared & Analyzed: 08/15/05						
% Solids	96.8		%		96.9			0.103	20	
Batch EH51905 - Water Extraction										
Blank (EH51905-BLK1)				Prepared & Analyzed: 08/19/05						
Chloride	ND	0.500	mg/kg							
LCS (EH51905-BS1)				Prepared & Analyzed: 08/19/05						
Chloride	8.49		mg/L	10.0		84.9	80-120			
Calibration Check (EH51905-CCV1)				Prepared & Analyzed: 08/19/05						
Chloride	8.88		mg/L	10.0		88.8	80-120			
Duplicate (EH51905-DUP1)		Source: 5H15002-01		Prepared & Analyzed: 08/19/05						
Chloride	203	5.00	mg/kg		194			4.53	20	

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Report Approved By: Raland K Tuttle Date: 8/19/2005

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.

Rice Operating Co.	Project: Vacuum Vent K-35	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/19/05 15:04

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

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:

Project Name: Vacuum Vent K-35
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	EC, CEC, SAR, ESP	Major cations/anions, TDS						RUSH TAT (Pre-Schedule)	Standard TAT
5-415602-01	Bottom Grab Sample @ 7'	8-12-05	10:15	1	X									X		X			X													

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 0.5°C
Laboratory Comments: 4oz glass on ice w/labels+seals
Seal on Cooler

Relinquished by:	Date	Time	Received by:	Date	Time
	8-12-05			8/12	15:00
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	8/12			08-12-05	1745

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

Client: RICE OP.

Date/Time: 9/12/05 17:45

Order #: 5H15002

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	0.5 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:

_____

_____

_____

_____

_____

_____

_____

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