1R - 425-10

REPORTS

DATE:

Dec 13, 2005

Vac. Jct. B-36

IR0425-10

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. B-36	B	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 11/23/2005 NMOCD Witness no

Soil Excavated 8 cubic yards Excavation Length 8 Width 3 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 7/19/2005 **Sample Depth** 9 ft

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

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 9 ft BGS	2.0	<10.0	<10.0	246

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical delineation trench at junction	3	147
	4	111
	5	110
	6	186
	7	139
	8	117
	9	162

General Description of Remedial Action: This junction box was addressed as part of the Vacuum SWD System abandonmentment. The surrounding surface did not exhibit any signs of impact. After the box was removed, a delineation trench was made at the junction using a backhoe while soil samples were collected every ft of depth from 3 to 9 ft BGS. Chloride field tests performed on the samples were considerably low and all were less than 250 ppm. PID screenings also yielded very low VOC concentrations. A grab sample at 9 ft BGS was analyzed at a laboratory and confirmed the field tests. TPH was not present within the lab's detection limits (<10.0 ppm), meeting NMOCD guidelines. The excavated soil was blended on site and then backfilled into the trench and contoured to the surrounding surface. The disturbed surface was seeded on 11/23/2005 with a blend of native vegetation and is expected to return to productive capacity at a normal rate. Since the Vacuum SWD System is not 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 Israel Juarez SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 12/13/2005 TITLE Project Scientist

Vacuum jct. B-36

undisturbed junction box 6/23/2005

delineation trench at former junction box site 7/19/2005

open delineation trench 11/21/2005

seeding backfilled site 11/23/2005

ENVIRONMENTAL LAB OF

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. B-36
Project Number: None Given
Location: None Given

Lab Order Number: 5G21005

Report Date: 07/26/05

Rice Operating Co.	Project: Vacuum Jct. B-36	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/26/05 10:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vertical Grab@ 9'	5G21005-01	Soil	07/19/05 09:30	07/21/05 08:15

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Vacuum Jct. B-36	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/26/05 10:35

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vertical Grab@ 9' (5G21005-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	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		*72.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*81.4 %*	*70-130*		"	"	"	"	

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.	Project: Vacuum Jct. B-36	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/26/05 10:35

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vertical Grab@ 9' (5G21005-01) Soil									
Chloride	**246**	5.00	mg/kg	10	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**11.2**	0.1	%	1	EG52107	07/21/05	07/22/05	% calculation	

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/26/05 10:35

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 EG52114 - Solvent Extraction (GC)										
Blank (EG52114-BLK1)				Prepared: 07/21/05 Analyzed: 07/23/05						
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	*36.7*		*mg/kg*	*50.0*		*73.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.5*		*"*	*50.0*		*85.0*	*70-130*			
LCS (EG52114-BS1)				Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	435	10.0	mg/kg wet	500		87.0	75-125			
Diesel Range Organics >C12-C35	441	10.0	"	500		88.2	75-125			
Total Hydrocarbon C6-C35	876	10.0	"	1000		87.6	75-125			
Surrogate: 1-Chlorooctane	*51.3*		*mg/kg*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.5*		*"*	*50.0*		*85.0*	*70-130*			
Calibration Check (EG52114-CCV1)				Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	441		mg/kg	500		88.2	80-120			
Diesel Range Organics >C12-C35	477		"	500		95.4	80-120			
Total Hydrocarbon C6-C35	918		"	1000		91.8	80-120			
Surrogate: 1-Chlorooctane	*54.5*		*"*	*50.0*		*109*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.5*		*"*	*50.0*		*87.0*	*70-130*			
Matrix Spike (EG52114-MS1)	**Source: 5G21014-05**			Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	488	10.0	mg/kg dry	531	ND	91.9	75-125			
Diesel Range Organics >C12-C35	479	10.0	"	531	ND	90.2	75-125			
Total Hydrocarbon C6-C35	967	10.0	"	1060	ND	91.2	75-125			
Surrogate: 1-Chlorooctane	*53.2*		*mg/kg*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.8*		*"*	*50.0*		*85.6*	*70-130*			
Matrix Spike Dup (EG52114-MSD1)	**Source: 5G21014-05**			Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	479	10.0	mg/kg dry	531	ND	90.2	75-125	1.86	20	
Diesel Range Organics >C12-C35	450	10.0	"	531	ND	84.7	75-125	6.24	20	
Total Hydrocarbon C6-C35	929	10.0	"	1060	ND	87.6	75-125	4.01	20	
Surrogate: 1-Chlorooctane	*52.7*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.3*		*"*	*50.0*		*84.6*	*70-130*			

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Rice Operating Co.	Project: Vacuum Jct. B-36	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/26/05 10:35

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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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: Celey D Keene Date: 07/26/05

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

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: [signature]

Project Name: Vacuum Jct B-36
Project #:
Project Loc:
PO #:

Preservative: Ice, HNO_3, HCl, NaOH, H_2SO_4, None, Other (Specify). Matrix: Water, Sludge, Soil, 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.

LAB # (lab use only) 5G21005	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Water	Sludge	Soil	Other (specify):	/ 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
01	Vertical Grab @ 9'	7-19-0[illegible]	9:30 am	1	X									X		X			X												

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/20/05	[illegible]	[signature]	7/20	18:00
Relinquished by: [signature]	7/21	8:15	**Received by ELOT:** [signature]	7/21/05	8:15

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 1.5 °C
Laboratory Comments:
4oz jar
seals / labels

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

Client: RICE

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

Order #: 5G21005

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: 7-1-05
ACCURACY: ± 2%

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
Vacuum	B-36	B	36	17S	34E

SAMPLE	PID RESULT	SAMPLE	PID RESULT
At Source 3'	2.6		
4'	3.9		
5'	1.4		
6'	0.9		
7'	1.3		
8'	1.2		
[illegible]	[illegible]		

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

Signature Donald Evans Date 7/9/05