1R - 425-15

REPORTS

DATE:

FEB 9, 2006

Vac Jct C-36

IR0425-15

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. C-36	C	36	17S	34E	Lea	System Abandonment--no box		

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

Depth to Groundwater 105 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/16/2005 Date Completed 12/19/2005 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** 9/16/2005 **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	0.1	22.9	683	324

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical trench at junction	4	245
	5	447
	6	467
	7	333
	8	387
	9	270

General Description of Remedial Action:

This junction was addressed as part of the Vacuum SWD System Abandonment. After removing the box materials, a delineation trench was made at the junction while soil samples were collected at regular intervals to 9 ft BGS. Chloride field tests performed on the samples yielded low concentrations. PID screenings were also low and were less than 100 ppm from 5 to 9 ft BGS. A grab sample at 9 ft BGS was analyzed at a laboratory for confirmation of field tests. NMOCD TPH guidelines were met. There were no physical indications of adverse impact from this junction box. The excavated soil was blended on site and then backfilled into the trench and contoured to the surrounding terrain. Clean additional fill dirt was imported to level the surface. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate. Since the SWD System is no longer in service, 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 K. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 2/9/2006 TITLE Project Scientist

Vacuum jct. C-36

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

undisturbed junction box 6/13/2005

delineation & excavation 9/16/2005

seeding disturbed surface 12/19/2005

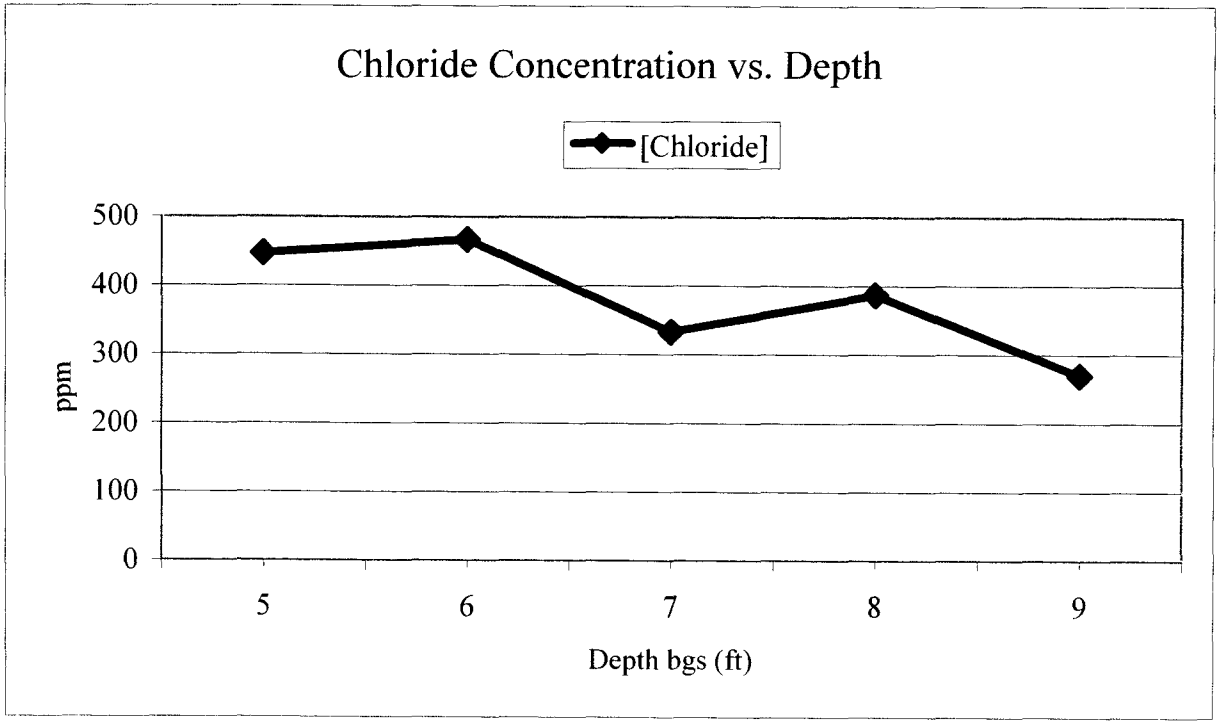
Vacuum jct. C-36

T17S, R34E

Vertical Delineation at Junction

Depth bgs (ft)	[Cl⁻] ppm
5	447
6	467
7	333
8	387
9	270

Groundwater = 105 ft



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 Jct. C-36 RRR
Project Number: None Given
Location: None Given

Lab Order Number: 5I19019

Report Date: 09/23/05

Rice Operating Co.	Project: Vacuum Jct. C-36 RRR	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/23/05 11:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert.@ 9'	5I19019-01	Soil	09/16/05 13:22	09/16/05 18:00

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

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert.@ 9' (5I19019-01) Soil									
Gasoline Range Organics C6-C12	**22.9**	10.0	mg/kg dry	1	EI52010	09/20/05	09/21/05	EPA 8015M	
Diesel Range Organics >C12-C35	**683**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**706**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*79.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*98.8 %*	*70-130*		"	"	"	"	

Rice Operating Co.	Project: Vacuum Jct. C-36 RRR	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/23/05 11:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert.@ 9' (5119019-01) Soil									
Chloride	**324**	10.0	mg/kg	20	EI52104	09/20/05	09/21/05	EPA 300.0	
% Moisture	**6.3**	0.1	%	1	EI52005	09/20/05	09/20/05	% 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 EI52010 - Solvent Extraction (GC)										
Blank (EI52010-BLK1)				Prepared: 09/20/05 Analyzed: 09/21/05						
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	*42.6*		*mg/kg*	*50.0*		*85.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.1*		*"*	*50.0*		*84.2*	*70-130*			
LCS (EI52010-BS1)				Prepared: 09/20/05 Analyzed: 09/21/05						
Gasoline Range Organics C6-C12	412	10.0	mg/kg wet	500		82.4	75-125			
Diesel Range Organics >C12-C35	531	10.0	"	500		106	75-125			
Total Hydrocarbon C6-C35	943	10.0	"	1000		94.3	75-125			
Surrogate: 1-Chlorooctane	*42.2*		*mg/kg*	*50.0*		*84.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.4*		*"*	*50.0*		*90.8*	*70-130*			
Calibration Check (EI52010-CCV1)				Prepared: 09/20/05 Analyzed: 09/21/05						
Gasoline Range Organics C6-C12	419		mg/kg	500		83.8	80-120			
Diesel Range Organics >C12-C35	551		"	500		110	80-120			
Total Hydrocarbon C6-C35	970		"	1000		97.0	80-120			
Surrogate: 1-Chlorooctane	*47.7*		*"*	*50.0*		*95.4*	*0-200*			
Surrogate: 1-Chlorooctadecane	*52.0*		*"*	*50.0*		*104*	*0-200*			
Matrix Spike (EI52010-MS1)	**Source: 5I19030-02**			Prepared: 09/20/05 Analyzed: 09/21/05						
Gasoline Range Organics C6-C12	545	10.0	mg/kg dry	692	ND	78.8	75-125			
Diesel Range Organics >C12-C35	730	10.0	"	692	ND	105	75-125			
Total Hydrocarbon C6-C35	1280	10.0	"	1380	ND	92.8	75-125			
Surrogate: 1-Chlorooctane	*45.5*		*mg/kg*	*50.0*		*91.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.3*		*"*	*50.0*		*98.6*	*70-130*			
Matrix Spike Dup (EI52010-MSD1)	**Source: 5I19030-02**			Prepared: 09/20/05 Analyzed: 09/21/05						
Gasoline Range Organics C6-C12	536	10.0	mg/kg dry	692	ND	77.5	75-125	1.67	20	
Diesel Range Organics >C12-C35	715	10.0	"	692	ND	103	75-125	2.08	20	
Total Hydrocarbon C6-C35	1250	10.0	"	1380	ND	90.6	75-125	2.37	20	
Surrogate: 1-Chlorooctane	*45.7*		*mg/kg*	*50.0*		*91.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.1*		*"*	*50.0*		*92.2*	*70-130*			

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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 EI52005 - General Preparation (Prep)										
Blank (EI52005-BLK1)				Prepared & Analyzed: 09/20/05						
% Solids	100		%							
Duplicate (EI52005-DUP1)		**Source: 5I16016-50**		Prepared & Analyzed: 09/20/05						
% Solids	88.1		%		88.8			0.791	20	
Duplicate (EI52005-DUP2)		**Source: 5I19010-02**		Prepared & Analyzed: 09/20/05						
% Solids	99.0		%		98.8			0.202	20	
Duplicate (EI52005-DUP3)		**Source: 5I19020-01**		Prepared & Analyzed: 09/20/05						
% Solids	86.5		%		87.7			1.38	20	
Batch EI52104 - Water Extraction										
Blank (EI52104-BLK1)				Prepared: 09/20/05 Analyzed: 09/21/05						
Chloride	ND	0.500	mg/kg							
LCS (EI52104-BS1)				Prepared: 09/20/05 Analyzed: 09/21/05						
Chloride	8.55		mg/L	10.0		85.5	80-120			
Calibration Check (EI52104-CCV1)				Prepared: 09/20/05 Analyzed: 09/21/05						
Chloride	8.64		mg/L	10.0		86.4	80-120			
Duplicate (EI52104-DUP1)		**Source: 5I19002-12**		Prepared: 09/20/05 Analyzed: 09/21/05						
Chloride	3210	50.0	mg/kg		3230			0.621	20	

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: 9-23-05

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.

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 Address: 122 W. Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No: (505) 393-9174

Fax No: (505) 397-1471

Sampler Signature: Roy R. Rascon

Project Name: VAC JCT ~~A-5~~ C-36 RRR

Project #:

Project Loc:

PO #:

					Preservative							Matrix				Analyze For: TCLP / TOTAL								
LAB # (lab use only)	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)	TDS (Cl) SAR / EC	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	RUSH TAT (Pre-Schedule)
51108 -01	Vert. @ 9'	9-16-05	1:22P	1	✓									✓		✓			✓					

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Roy R. Rascon	9-16-05	2:38P	[signature]	9/15	15:30
Relinquished by:	**Date**	**Time**	**Received by ELOT:**	**Date**	**Time**
[signature]	9/15	16:00	[signature]	9/16/05	1800

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: Rec 1.5C

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

Client: Rice Op.

Date/Time: 9/16/05 18:00

Order #: 5I19079

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:

_____

_____

_____

_____

_____

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_____

_____

RICE OPERATING COMPANY

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

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
SERIAL NO: 104412
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE 100 PPM
AIR BALANCE
LOT NO: 04-2474
FILL DATE: 2-1-05
EXP. DATE: 8-1-06
ACCURACY: +/- 2%
METER READING
ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
VAC	#C-36	C	36	17S	34E

VERTICAL @ SOURCE

SAMPLE	PID RESULT	SAMPLE	PID RESULT
4'	427		
5'	0.1		
6'	0.1		
7'	7.6		
8'	0.1		
9'	0.1		

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

Ray R. Ratcom
Signature

9-16-05
Date