1R - 426-141

REPORTS

DATE:

4-1-08

BD Jct I-18

IR426-141

CLOSURE

4-1-08

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	jct. I-18	I	18	22S	37E	Lea	8	7	6

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

Depth to Groundwater 127 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/1/2005 Date Completed 9/22/2005 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** 9/22/2005 **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	GRO mg/kg	DRO mg/kg	Chloride mg/kg
source @ 7 ft BGS	0.1	<10.0	<10.0	110

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
background	0.5	114
grab samples at source (junction)	3	905
	5	456
	7	161

General Description of Remedial Action:

This junction was re-plumbed as part of the pipeline replacement/upgrade program. After the old box was removed and the pipeline and connections were replaced, the location was inspected and did not exhibit signs of adverse impact from the junction box. A backhoe was used to excavate a trench to collect soil samples to 7 ft BGS. Field chloride tests revealed chloride concentrations to be low and diminishing with depth. Hydrocarbon concentrations were investigated using a photoionization detector and yielded low concentrations as well. Representative samples were collected for laboratory analysis and results confirmed chloride field tests. TPH concentrations were not detected, meeting NMOCD guidelines. A new, watertight concrete junction box was built over this site. The disturbed surface was seeded with a blend of native vegetation 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 Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 9/10/2007 TITLE Project Scientist

BD jct. I-18

undisturbed junction box 4/25/2005

new pipeline and junction connections 8/24/2005

new junction box construction underway 3/6/2006

completed site 4/5/2006

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: BD Jct. I-18
Project Number: None Given
Location: None Given

Lab Order Number: 5I26001

Report Date: 10/04/05

Rice Operating Co.	Project: BD Jct. I-18	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	10/04/05 15:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert.@ 7'	5I26001-01	Soil	09/22/05 14:21	09/23/05 17:45

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.@ 7' (5I26001-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI52710	09/27/05	09/27/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*79.6 %*	*70-130*		"	"	"	"	

Rice Operating Co.	Project: BD Jct. I-18	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	10/04/05 15:26

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert.@ 7' (5I26001-01) Soil									
Chloride	**110**	10.0	mg/kg	20	EI52902	09/28/05	09/28/05	EPA 300.0	
% Moisture	**12.5**	0.1	%	1	EI52805	09/28/05	09/28/05	% calculation	

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

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 EI52710 - Solvent Extraction (GC)										
Blank (EI52710-BLK1)				Prepared & Analyzed: 09/27/05						
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	*45.1*		*mg/kg*	*50.0*		*90.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.4*		*"*	*50.0*		*72.8*	*70-130*			
LCS (EI52710-BS1)				Prepared & Analyzed: 09/27/05						
Gasoline Range Organics C6-C12	412	10.0	mg/kg wet	500		82.4	75-125			
Diesel Range Organics >C12-C35	403	10.0	"	500		80.6	75-125			
Total Hydrocarbon C6-C35	815	10.0	"	1000		81.5	75-125			
Surrogate: 1-Chlorooctane	*43.6*		*mg/kg*	*50.0*		*87.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.1*		*"*	*50.0*		*76.2*	*70-130*			
Calibration Check (EI52710-CCV1)				Prepared: 09/27/05 Analyzed: 09/28/05						
Gasoline Range Organics C6-C12	401		mg/kg	500		80.2	80-120			
Diesel Range Organics >C12-C35	406		"	500		81.2	80-120			
Total Hydrocarbon C6-C35	807		"	1000		80.7	80-120			
Surrogate: 1-Chlorooctane	*46.6*		*"*	*50.0*		*93.2*	*0-200*			
Surrogate: 1-Chlorooctadecane	*45.9*		*"*	*50.0*		*91.8*	*0-200*			
Matrix Spike (EI52710-MS1)	**Source: 5I26001-01**			Prepared & Analyzed: 09/27/05						
Gasoline Range Organics C6-C12	463	10.0	mg/kg dry	571	ND	81.1	75-125			
Diesel Range Organics >C12-C35	492	10.0	"	571	ND	86.2	75-125			
Total Hydrocarbon C6-C35	955	10.0	"	1140	ND	83.8	75-125			
Surrogate: 1-Chlorooctane	*47.6*		*mg/kg*	*50.0*		*95.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.1*		*"*	*50.0*		*80.2*	*70-130*			
Matrix Spike Dup (EI52710-MSD1)	**Source: 5I26001-01**			Prepared & Analyzed: 09/27/05						
Gasoline Range Organics C6-C12	465	10.0	mg/kg dry	571	ND	81.4	75-125	0.431	20	
Diesel Range Organics >C12-C35	484	10.0	"	571	ND	84.8	75-125	1.64	20	
Total Hydrocarbon C6-C35	949	10.0	"	1140	ND	83.2	75-125	0.630	20	
Surrogate: 1-Chlorooctane	*46.9*		*mg/kg*	*50.0*		*93.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.4*		*"*	*50.0*		*78.8*	*70-130*			

Rice Operating Co.	Project: BD Jct. I-18	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	10/04/05 15:26

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 EI52805 - General Preparation (Prep)										
Blank (EI52805-BLK1)				Prepared & Analyzed: 09/28/05						
% Solids	100		%							
Duplicate (EI52805-DUP1)		**Source: 5I26007-01**		Prepared & Analyzed: 09/28/05						
% Solids	99.7		%		99.7			0.00	20	
Duplicate (EI52805-DUP2)		**Source: 5I23015-03**		Prepared & Analyzed: 09/28/05						
% Solids	89.1		%		87.3			2.04	20	
Duplicate (EI52805-DUP3)		**Source: 5I27006-01**		Prepared & Analyzed: 09/28/05						
% Solids	98.0		%		98.2			0.204	20	
Duplicate (EI52805-DUP5)		**Source: 5I27012-03**		Prepared & Analyzed: 09/28/05						
% Solids	90.8		%		90.4			0.442	20	
Duplicate (EI52805-DUP6)		**Source: 5I27013-09**		Prepared & Analyzed: 09/28/05						
% Solids	92.1		%		92.5			0.433	20	
Batch EI52902 - Water Extraction										
Blank (EI52902-BLK1)				Prepared & Analyzed: 09/28/05						
Chloride	ND	0.500	mg/kg							
Blank (EI52902-BLK2)				Prepared & Analyzed: 09/28/05						
Chloride	ND	0.500	mg/kg							
LCS (EI52902-BS1)				Prepared & Analyzed: 09/28/05						
Chloride	8.18		mg/L	10.0		81.8	80-120			

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

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 EI52902 - Water Extraction										
LCS (EI52902-BS2)				Prepared & Analyzed: 09/28/05						
Chloride	8.69		mg/L	10.0		86.9	80-120			
Calibration Check (EI52902-CCV1)				Prepared & Analyzed: 09/28/05						
Chloride	8.47		mg/L	10.0		84.7	80-120			
Calibration Check (EI52902-CCV2)				Prepared & Analyzed: 09/28/05						
Chloride	8.61		mg/L	10.0		86.1	80-120			
Duplicate (EI52902-DUP1)		**Source: 5I24001-03**		Prepared & Analyzed: 09/28/05						
Chloride	6860	100	mg/kg		7100			3.44	20	
Duplicate (EI52902-DUP2)		**Source: 5I27012-03**		Prepared & Analyzed: 09/28/05						
Chloride	87.2	5.00	mg/kg		86.8			0.460	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: Jeanne McMurrey Date: 10-05-05

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: BD JCT I-18
Project #:
Project Loc:
PO #:

LAB # (lab use only) 5-11001	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TDS / SAR / EC	TPH 418.1	TPH TX 1005/1006	TOTAL: TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)
-01	VERT @ 7'	9-22-05	2:21P	1	✓									✓		✓			✓					

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 0.5
Laboratory Comments: 4oz Soils/Labels

Relinquished by:	Date	Time	Received by:	Date	Time
Roy R. Rascon	9-23-05	0904		9/23	15:05
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	9/23	17:45		9/23/05	1745

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

Client: Rice

Date/Time: 9/23/05 17:45

Order #: SIZ6001

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:

_____

_____

_____

_____

_____

_____

_____

_____

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: 04-2747
FILL DATE: 2-1-05
EXP. DATE: 8-1-06
ACCURACY: +1-2%
METER READING
ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	I-18	I	18	22S	37E

Vertical @ Source @ 7'

SAMPLE	PID RESULT	SAMPLE	PID RESULT
P/L Depth 4'			
5'	0.1		
6'	0.1		
7'	0.1		

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

Roy R. Rascon
Signature

9-22-05
Date