1R - 426-125

REPORTS

DATE:

2006

BD B-26-1 Vent
IR-426-125

Final Report

Closure

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	B-26-1 vent	B	26	21S	37E	Lea	moved 23 ft North		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Delrose Scott OTHER _____

Depth to Groundwater 53 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 5/1/2006 Date Completed 7/19/2006 NMOCD Witness no

Soil Excavated 466 cubic yards Excavation Length 30 Width 30 Depth 14 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 6/5/2006 **Sample Depth** 14 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. 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
4-WALL COMP.	0.1	198	313
BOTTOM COMP.	2.9	438	246
BACKFILL	47.2	400	363

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	608
bottom comp.	14	555
backfill comp.	n/a	554

General Description of Remedial Action: This junction box was addressed as part of the pipeline replacement/upgrade program. The junction was replaced 23 ft North and a watertight junction box was built around it. The former box site was delineated using a backhoe to collect samples at regular intervals producing a 30 x 30 x 14-ft-deep excavation. Composite samples were collected for lab analysis and yielded very low chloride concentrations. Field PID screenings also exhibited very low concentrations. The remaining TPH is expected to naturally attenuate. The excavated soil was blended on site and then backfilled into the excavation and contoured to the surrounding landscape. The disturbed surface was seeded with a blend of native vegetation on 8/31/2006 and is expected to return to productive capacity at a normal rate. There are no potential receptors in the near area and these activities do not pose a threat to groundwater, human health, or the environment.

enclosures: photos, lab results

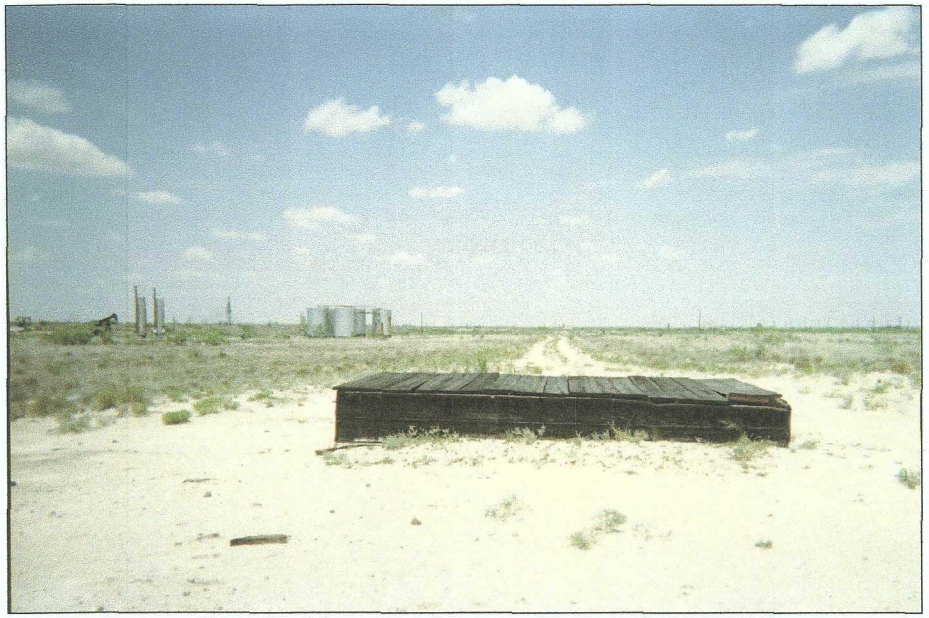
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 9/20/2006 TITLE Project Scientist

BD B-26-1 vent



undisturbed junction box 8/12/2005

beginning delineation at former box site May 2006

delineation and excavation

backfilling 30 x 30 x 14 ft excavation; new box in right foreground

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

Vent

Project: BD ~~Jet.~~ B-26-1

Project Number: None Given

Location: None Given

30'X 30'X 14'

Lab Order Number: 6F09006

Report Date: 06/13/06

Rice Operating Co.	Project: BD Jct. B-26-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	06/13/06 16:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Remd Backfill Comp.	6F09006-01	Soil	06/05/06 15:00	06/09/06 09:30
5 pt. Bottom Comp.	6F09006-02	Soil	06/05/06 10:00	06/09/06 09:30
4 Wall Comp.	6F09006-03	Soil	06/05/06 11:10	06/09/06 09:30

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remd Backfill Comp. (6F09006-01) Soil									
Carbon Ranges C6-C12	**37.6**	10.0	mg/kg dry	1	EF60931	06/09/06	06/10/06	EPA 8015M	
Carbon Ranges C12-C28	**340**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**22.8**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**400**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*84.8 %*	*70-130*		"	"	"	"	
5 pt. Bottom Comp. (6F09006-02) Soil									
Carbon Ranges C6-C12	**89.4**	10.0	mg/kg dry	1	EF60931	06/09/06	06/10/06	EPA 8015M	
Carbon Ranges C12-C28	**331**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**18.0**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**438**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*84.4 %*	*70-130*		"	"	"	"	
4 Wall Comp. (6F09006-03) Soil									
Carbon Ranges C6-C12	**28.4**	10.0	mg/kg dry	1	EF60931	06/09/06	06/11/06	EPA 8015M	
Carbon Ranges C12-C28	**155**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**14.7**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**198**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*79.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.8 %*	*70-130*		"	"	"	"	

Rice Operating Co.	Project: BD Jct. B-26-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	06/13/06 16:06

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remd Backfill Comp. (6F09006-01) Soil									
Chloride	**363**	5.00	mg/kg	10	EF61006	06/10/06	06/10/06	EPA 300.0	
% Moisture	**8.4**	0.1	%	1	EF61101	06/10/06	06/11/06	% calculation	
5 pt. Bottom Comp. (6F09006-02) Soil									
Chloride	**246**	5.00	mg/kg	10	EF61006	06/10/06	06/10/06	EPA 300.0	
% Moisture	**15.5**	0.1	%	1	EF61101	06/10/06	06/11/06	% calculation	
4 Wall Comp. (6F09006-03) Soil									
Chloride	**313**	5.00	mg/kg	10	EF61006	06/10/06	06/10/06	EPA 300.0	
% Moisture	**6.9**	0.1	%	1	EF61101	06/10/06	06/11/06	% 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 EF60931 - Solvent Extraction (GC)										
Blank (EF60931-BLK1)				Prepared: 06/09/06 Analyzed: 06/10/06						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon nC6-nC35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*37.7*		*mg/kg*	*50.0*		*75.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.5*		*"*	*50.0*		*79.0*	*70-130*			
LCS (EF60931-BS1)				Prepared: 06/09/06 Analyzed: 06/10/06						
Carbon Ranges C6-C12	502	10.0	mg/kg wet	500		100	75-125			
Carbon Ranges C12-C28	538	10.0	"	500		108	75-125			
Total Hydrocarbon nC6-nC35	1040	10.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	*58.2*		*mg/kg*	*50.0*		*116*	*70-130*			
Surrogate: 1-Chlorooctadecane	*58.2*		*"*	*50.0*		*116*	*70-130*			
Calibration Check (EF60931-CCV1)				Prepared: 06/09/06 Analyzed: 06/11/06						
Carbon Ranges C6-C12	269		mg/kg	250		108	80-120			
Carbon Ranges C12-C28	290		"	250		116	80-120			
Total Hydrocarbon nC6-nC35	559		"	500		112	80-120			
Surrogate: 1-Chlorooctane	*51.4*		*"*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.3*		*"*	*50.0*		*109*	*70-130*			
Matrix Spike (EF60931-MS1)	**Source: 6F09002-40**			Prepared: 06/09/06 Analyzed: 06/11/06						
Carbon Ranges C6-C12	670	10.0	mg/kg dry	639	ND	105	75-125			
Carbon Ranges C12-C28	691	10.0	"	639	ND	108	75-125			
Total Hydrocarbon nC6-nC35	1360	10.0	"	1280	ND	106	75-125			
Surrogate: 1-Chlorooctane	*46.7*		*mg/kg*	*50.0*		*93.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.8*		*"*	*50.0*		*85.6*	*70-130*			

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 EF60931 - Solvent Extraction (GC)										
Matrix Spike Dup (EF60931-MSD1)	**Source: 6F09002-40**			Prepared: 06/09/06	Analyzed: 06/11/06					
Carbon Ranges C6-C12	668	10.0	mg/kg dry	639	ND	105	75-125	0.299	20	
Carbon Ranges C12-C28	697	10.0	"	639	ND	109	75-125	0.865	20	
Total Hydrocarbon nC6-nC35	1360	10.0	"	1280	ND	106	75-125	0.00	20	
Surrogate: 1-Chlorooctane	*46.4*		*mg/kg*	*50.0*		*92.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.6*		*"*	*50.0*		*87.2*	*70-130*			

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 EF61006 - Water Extraction										
Blank (EF61006-BLK1)				Prepared & Analyzed: 06/10/06						
Chloride	ND	0.500	mg/kg							
LCS (EF61006-BS1)				Prepared & Analyzed: 06/10/06						
Chloride	10.2	0.500	mg/kg	10.0		102	80-120			
***Calibration Check* (EF61006-CCV1)**				Prepared & Analyzed: 06/10/06						
Chloride	9.81		mg/L	10.0		98.1	80-120			
Duplicate (EF61006-DUP1)		**Source: 6F09006-01**		Prepared & Analyzed: 06/10/06						
Chloride	375	5.00	mg/kg		363			3.25	20	
Duplicate (EF61006-DUP2)		**Source: 6F09011-06**		Prepared & Analyzed: 06/10/06						
Chloride	22.7	10.0	mg/kg		26.3			14.7	20	
Matrix Spike (EF61006-MS1)		**Source: 6F09006-01**		Prepared & Analyzed: 06/10/06						
Chloride	472	5.00	mg/kg	100	363	109	80-120			
Matrix Spike (EF61006-MS2)		**Source: 6F09011-06**		Prepared & Analyzed: 06/10/06						
Chloride	203	10.0	mg/kg	200	26.3	88.4	80-120			
Batch EF61101 - General Preparation (Prep)										
Blank (EF61101-BLK1)				Prepared: 06/10/06 Analyzed: 06/11/06						
% Solids	100		%							
Duplicate (EF61101-DUP1)		**Source: 6F08014-01**		Prepared: 06/10/06 Analyzed: 06/11/06						
% Solids	88.3		%		88.8			0.565	20	

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 EF61101 - General Preparation (Prep)										
Duplicate (EF61101-DUP2)		**Source: 6F09002-02**		Prepared: 06/10/06 Analyzed: 06/11/06						
% Solids	99.2		%		99.0			0.202	20	
Duplicate (EF61101-DUP3)		**Source: 6F09002-22**		Prepared: 06/10/06 Analyzed: 06/11/06						
% Solids	95.8		%		95.1			0.733	20	
Duplicate (EF61101-DUP4)		**Source: 6F09007-02**		Prepared: 06/10/06 Analyzed: 06/11/06						
% Solids	91.0		%		90.4			0.662	20	
Duplicate (EF61101-DUP5)		**Source: 6F09012-01**		Prepared: 06/10/06 Analyzed: 06/11/06						
% Solids	90.6		%		90.9			0.331	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: 6-13-06

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
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: B.D. Jct B-26-1
Project #:
Project Loc:
PO #:

6F09006

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4oz glass	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
-01	Rcmd Backfill Comp 30x30 x14	6-5-06	3:00P	1	✓									✓		✓			✓												
-02	5 PT Bottom Comp 30x30 x14	6-5-06	10 06A	1	✓									✓		✓			✓												
-03	4 wall Comp @ 30x30x14	6-5-06	1110A	1	✓									✓		✓			✓												

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -1.0°C.
Laboratory Comments: Labels w/ all custody seals

Relinquished by:	Date	Time	Received by:	Date	Time
Darrell Mitchell	6-8-06	3:34 PM		6/8	17:30
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	6/9	9:30		6-9-06	0930

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

ient: Rice Op.

ate/Time: 6/9/06

rder #: 6F09006

itials: CK

Sample Receipt Checklist

emperature of container/cooler?	Yes	No	-1.0 C
ipping container/cooler in good condition?	Yes	No	
ustody Seals intact on shipping container/cooler?	Yes	No	Not present
ustody Seals intact on sample bottles?	Yes	No	Not present
hain of custody present?	Yes	No	
ample Instructions complete on Chain of Custody?	Yes	No	
hain of Custody signed when relinquished and received?	Yes	No	
hain of custody agrees with sample label(s)	Yes	No	
ontainer labels legible and intact?	Yes	No	
ample Matrix and properties same as on chain of custody?	Yes	No	
amples in proper container/bottle?	Yes	No	
amples properly preserved?	Yes	No	
ample bottles intact?	Yes	No	
reservations documented on Chain of Custody?	Yes	No	
ontainers documented on Chain of Custody?	Yes	No	
ufficient sample amount for indicated test?	Yes	No	
ll samples received within sufficient hold time?	Yes	No	
OC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____

Regarding:

Corrective Action Taken: