1R - 426-123

REPORTS

DATE:

2006

BD JCT G-26-1

IR-426-123

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
BD	jct. G-26-1	G	26	21S	37E	Lea	no box--junction eliminated		

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

Depth to Groundwater 53 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 5/11/2006 Date Completed 6/9/2006 NMOCD Witness no

Soil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feet

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

FINAL ANALYTICAL RESULTS:

Sample Date 5/19/2006 **Sample Depth** 12 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.	10.2	<10.0	43
BOTTOM COMP.	4.5	50.2	60.3
BACKFILL	0.1	6.57	183

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	87
bottom comp.	12	85
backfill comp.	n/a	88

General Description of Remedial Action:

This junction box was eliminated with the pipeline replacement/upgrade program. After the junction box was removed, the site was delineated using a backhoe to collect soil samples at regular intervals. The samples were field tested for VOCs using a PID and yielded very low concentrations. Chloride concentrations were also generally low. Composite samples from the 30 x 30 x 12-ft-deep excavation for laboratory analysis. Lab results confirmed the chloride field tests and NMOCD TPH guideline concentrations were met. The excavated soil was blended on site and then backfilled into the excavation and contoured to the surrounding terrain. The disturbed surface was seeded on 8/31/2006 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 Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 10/2/2006 TITLE Project Scientist

BD jct. G-26-1

undisturbed junction box 7/23/2003

delineation trenches May 2006

collecting samples from final 30 x 30 x 12 ft excavation 5/19/2006

seeding disturbed surface at backfilled site 8/31/2006

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
Phone: (505) 393-9174 Fax: (505) 397-1471

VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK.	☑	MODEL: PGM 761S	SERIAL NO: 104412
MODEL	☐	MODEL: PGM 761S	SERIAL NO: 104490
NO.	☐	MODEL: PGM 7600	SERIAL NO: 110-12383

LOT NO: 05-2895 GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

FILL DATE: 7-19-05 EXP. DATE: 1-19-06

ACCURACY: +/- 2% METER READING ACCURACY: 100.2

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	G-26-1	G	26	21S	37E

FINAL SAMPLES 30 X 30 X 12

SAMPLE	PID Results	Sample	PID Results
N. WALL	1.1		
S. WALL	1.2		
E. WALL	2.4		
W. WALL	1.4		
4 WALL COMP. 30X30	10.2		
BTHM 5 PT COMP @ 12'	4.5		
Blended Backfill	0.1		

COPY

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

SIGNATURE: Darrell Mitchell DATE: 5-19-06

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. G-26-1
Project Number: None Given
Location: None Given

Lab Order Number: 6E23005

Report Date: 05/26/06

Rice Operating Co.	Project: BD Jct. G-26-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	05/26/06 17:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
4 Wall Comp. 30'X30'	6E23005-01	Soil	05/19/06 11:10	05/23/06 07:55
Bottom@ 12'	6E23005-02	Soil	05/19/06 11:25	05/23/06 07:55
Backfill Blend	6E23005-03	Soil	05/19/06 11:50	05/23/06 07:55

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
4 Wall Comp. 30'X30' (6E23005-01) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE62419	05/24/06	05/24/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*83.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.8 %*	*70-130*		"	"	"	"	
Bottom@ 12' (6E23005-02) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE62419	05/24/06	05/24/06	EPA 8015M	
Carbon Ranges C12-C28	**50.2**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**50.2**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
Backfill Blend (6E23005-03) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE62419	05/24/06	05/24/06	EPA 8015M	
Carbon Ranges C12-C28	**J [6.57]**	10.0	"	"	"	"	"	"	J
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.8 %*	*70-130*		"	"	"	"	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4 Wall Comp. 30'X30' (6E23005-01) Soil									
Chloride	**43.0**	5.00	mg/kg	10	EE62605	05/26/06	05/26/06	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	EE62405	05/23/06	05/24/06	% calculation	
Bottom@ 12' (6E23005-02) Soil									
Chloride	**60.3**	5.00	mg/kg	10	EE62605	05/26/06	05/26/06	EPA 300.0	
% Moisture	**5.6**	0.1	%	1	EE62405	05/23/06	05/24/06	% calculation	
Backfill Blend (6E23005-03) Soil									
Chloride	**183**	10.0	mg/kg	20	EE62605	05/26/06	05/26/06	EPA 300.0	
% Moisture	**7.1**	0.1	%	1	EE62405	05/23/06	05/24/06	% calculation	

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 EE62419 - Solvent Extraction (GC)										
Blank (EE62419-BLK1)				Prepared & Analyzed: 05/24/06						
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	*41.9*		*mg/kg*	*50.0*		*83.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.1*		*"*	*50.0*		*86.2*	*70-130*			
LCS (EE62419-BS1)				Prepared & Analyzed: 05/24/06						
Carbon Ranges C6-C12	596	10.0	mg/kg wet	500		119	75-125			
Carbon Ranges C12-C28	527	10.0	"	500		105	75-125			
Total Hydrocarbon nC6-nC35	1120	10.0	"	1000		112	75-125			
Surrogate: 1-Chlorooctane	*53.9*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.1*		*"*	*50.0*		*94.2*	*70-130*			
Calibration Check (EE62419-CCV1)				Prepared: 05/24/06 Analyzed: 05/25/06						
Carbon Ranges C6-C12	266		mg/kg	250		106	80-120			
Carbon Ranges C12-C28	300		"	250		120	80-120			
Total Hydrocarbon nC6-nC35	566		"	500		113	80-120			
Surrogate: 1-Chlorooctane	*53.7*		*"*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.9*		*"*	*50.0*		*106*	*70-130*			
Matrix Spike (EE62419-MS1)	**Source: 6E23005-01**			Prepared & Analyzed: 05/24/06						
Carbon Ranges C6-C12	566	10.0	mg/kg dry	526	ND	108	75-125			
Carbon Ranges C12-C28	552	10.0	"	526	ND	105	75-125			
Total Hydrocarbon nC6-nC35	1120	10.0	"	1050	ND	107	75-125			
Surrogate: 1-Chlorooctane	*46.9*		*mg/kg*	*50.0*		*93.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.3*		*"*	*50.0*		*82.6*	*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 EE62419 - Solvent Extraction (GC)										
Matrix Spike Dup (EE62419-MSD1)	**Source: 6E23005-01**		Prepared & Analyzed: 05/24/06							
Carbon Ranges C6-C12	565	10.0	mg/kg dry	526	ND	107	75-125	0.177	20	
Carbon Ranges C12-C28	557	10.0	"	526	ND	106	75-125	0.902	20	
Total Hydrocarbon nC6-nC35	1120	10.0	"	1050	ND	107	75-125	0.00	20	
Surrogate: 1-Chlorooctane	*47.4*		*mg/kg*	*50.0*		*94.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.8*		*"*	*50.0*		*81.6*	*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 EE62405 - General Preparation (Prep)										
Blank (EE62405-BLK1)				Prepared: 05/23/06 Analyzed: 05/24/06						
% Solids	100		%							
Duplicate (EE62405-DUP1)		**Source: 6E23004-01**		Prepared: 05/23/06 Analyzed: 05/24/06						
% Solids	95.3		%		95.4			0.105	20	
Duplicate (EE62405-DUP2)		**Source: 6E23006-03**		Prepared: 05/23/06 Analyzed: 05/24/06						
% Solids	97.8		%		97.9			0.102	20	
Duplicate (EE62405-DUP3)		**Source: 6E23011-03**		Prepared: 05/23/06 Analyzed: 05/24/06						
% Solids	91.9		%		93.7			1.94	20	
Batch EE62605 - Water Extraction										
Blank (EE62605-BLK1)				Prepared & Analyzed: 05/26/06						
Chloride	ND	0.500	mg/kg							
LCS (EE62605-BS1)				Prepared & Analyzed: 05/26/06						
Chloride	10.0	0.500	mg/kg	10.0		100	80-120			
Calibration Check (EE62605-CCV1)				Prepared & Analyzed: 05/26/06						
Chloride	10.2		mg/kg	10.0		102	80-120			
Duplicate (EE62605-DUP1)		**Source: 6E22004-32**		Prepared & Analyzed: 05/26/06						
Chloride	13.3	5.00	mg/kg		14.6			9.32	20	
Duplicate (EE62605-DUP2)		**Source: 6E23010-02**		Prepared & Analyzed: 05/26/06						
Chloride	70.3	10.0	mg/kg		66.8			5.11	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 EE62605 - Water Extraction										
Matrix Spike (EE62605-MS1)	**Source: 6E22004-32**			Prepared & Analyzed: 05/26/06						
Chloride	103	5.00	mg/kg	100	14.6	88.4	80-120			
Matrix Spike (EE62605-MS2)	**Source: 6E23010-02**			Prepared & Analyzed: 05/26/06						
Chloride	257	10.0	mg/kg	200	66.8	95.1	80-120			

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
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: 5-26-06

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 Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174
Fax No: (505) 397-1471
Sampler Signature: Darrell Mitchell

Project Name: BD JCT G-26-1
Project #: ——
Project Loc:
PO #:

Analyze For: TCLP: / TOTAL:

LAB # (lab use only) 6E23005	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: 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)
-01	4 Wall Comp 30'X30'	5-19-06	1110 A	1	✓									✓		✓			✓					
-02	Bottom @ 12'	5-19-06	1125 A	1	✓									✓		✓			✓					
-03	Backfill Blend	5-19-06	1150 A	1	✓									✓		✓			✓					

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Darrell Mitchell	5-19-06	1:28	[illegible signature]	5/22/06	17:30
Relinquished by: [illegible signature]	5/23	7:30	Received by ELOT: [illegible signature]	5/23/06	7:35

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 6.0
Laboratory Comments:
4oz glass
[illegible]

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

Client: Rice Dp.

Date/Time: 5/23/06 7:55

Order #: 160F23005

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	6.0 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: