1R - 426-165

REPORTS

DATE:

4-1-08

BD Zia Cole 'A' EOL

IR426-165

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
Blinebry-Drinkard (BD)	Zia Cole 'A' EOL	G	16	22S	37E	Lea	6	5	8

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

Depth to Groundwater 82 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/6/2005 Date Completed 9/12/2005 NMOCD Witness no

Soil Excavated 0 cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 9/12/2005 **Sample Depth** 5.5 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
4-WALL COMP.	XXX	<10.0	12.3	33.8
BOTTOM GRAB	XXX	<10.0	<10.0	138

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
background	1	210
4-wall comp.	n/a	84
grab samples below jct.	4.5	104
	5.5	149

General Description of Remedial Action:

This junction box site was addressed with the pipeline replacement/upgrade program. The old box lumber was removed and the pipeline and connections were replaced. The site was investigated for impact associated with the junction box. Healthy vegetation was observed and the surrounding surface did not exhibit any adverse signs of impact. Samples were collected from the hole left by the former junction box and field tested for chloride. Resulting concentrations were very low and similar to background. Representative samples were collected for laboratory analyses which confirmed field chloride concentrations. TPH concentrations meet NMOCD guidelines. A new, watertight junction box was then built over the same location.

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 Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 8/21/2007 TITLE Project Scientist

BD Zia Cole 'A' EOL

Unit G, Section 16, T22S, R37E

undisturbed junction box 4/26/2005

old junction box removed and pipeline replaced 9/9/2005

floor of concrete junction box 9/30/2005

new junction box completed 2/17/2006

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

COPY

Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD Z/A Cole A EOL

Project Number: None Given

Location: None Given

Lab Order Number: 5I15002

Report Date: 09/20/05

Rice Operating Co.	Project: BD Z/A Cole A EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/20/05 12:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
4 Wall Comp.	5115002-01	Soil	09/12/05 15:49	09/15/05 07:40
Bottom@ 5'6" Grab	5115002-02	Soil	09/12/05 15:45	09/15/05 07:40

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Rice Operating Co.	Project: BD Z/A Cole A EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/20/05 12:38

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4 Wall Comp. (5I15002-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51514	09/15/05	09/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	**12.3**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**12.3**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*79.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*104 %*	*70-130*		"	"	"	"	
Bottom@ 5'6" Grab (5I15002-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51514	09/15/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*105 %*	*70-130*		"	"	"	"	

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Rice Operating Co.	Project: BD Z/A Cole A EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/20/05 12:38

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. (5I15002-01) Soil									
Chloride	**33.8**	5.00	mg/kg	10	EI51603	09/15/05	09/15/05	EPA 300.0	
% Moisture	**0.3**	0.1	%	1	EI51609	09/15/05	09/16/05	% calculation	
Bottom@ 5'6" Grab (5I15002-02) Soil									
Chloride	**138**	5.00	mg/kg	10	EI51603	09/15/05	09/15/05	EPA 300.0	
% Moisture	**8.9**	0.1	%	1	EI51609	09/15/05	09/16/05	% 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 EI51514 - Solvent Extraction (GC)										
Blank (EI51514-BLK1)				Prepared: 09/15/05 Analyzed: 09/16/05						
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	*40.4*		*mg/kg*	*50.0*		*80.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.0*		"	*50.0*		*104*	*70-130*			
LCS (EI51514-BS1)				Prepared: 09/15/05 Analyzed: 09/16/05						
Gasoline Range Organics C6-C12	433	10.0	mg/kg wet	500		86.6	75-125			
Diesel Range Organics >C12-C35	419	10.0	"	500		83.8	75-125			
Total Hydrocarbon C6-C35	852	10.0	"	1000		85.2	75-125			
Surrogate: 1-Chlorooctane	*50.0*		*mg/kg*	*50.0*		*100*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.2*		"	*50.0*		*102*	*70-130*			
Calibration Check (EI51514-CCV1)				Prepared: 09/15/05 Analyzed: 09/19/05						
Gasoline Range Organics C6-C12	413		mg/kg	500		82.6	80-120			
Diesel Range Organics >C12-C35	460		"	500		92.0	80-120			
Total Hydrocarbon C6-C35	873		"	1000		87.3	80-120			
Surrogate: 1-Chlorooctane	*53.5*		"	*50.0*		*107*	*0-200*			
Surrogate: 1-Chlorooctadecane	*53.8*		"	*50.0*		*108*	*0-200*			
Matrix Spike (EI51514-MS1)	**Source: 5I15002-02**			Prepared: 09/15/05 Analyzed: 09/16/05						
Gasoline Range Organics C6-C12	558	10.0	mg/kg dry	549	ND	102	75-125			
Diesel Range Organics >C12-C35	569	10.0	"	549	ND	104	75-125			
Total Hydrocarbon C6-C35	1130	10.0	"	1100	ND	103	75-125			
Surrogate: 1-Chlorooctane	*53.9*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.8*		"	*50.0*		*93.6*	*70-130*			
Matrix Spike Dup (EI51514-MSD1)	**Source: 5I15002-02**			Prepared: 09/15/05 Analyzed: 09/16/05						
Gasoline Range Organics C6-C12	551	10.0	mg/kg dry	549	ND	100	75-125	1.26	20	
Diesel Range Organics >C12-C35	589	10.0	"	549	ND	107	75-125	3.45	20	
Total Hydrocarbon C6-C35	1140	10.0	"	1100	ND	104	75-125	0.881	20	
Surrogate: 1-Chlorooctane	*54.2*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.7*		"	*50.0*		*93.4*	*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 EI51603 - Water Extraction										
Blank (EI51603-BLK1)				Prepared & Analyzed: 09/15/05						
Chloride	ND	0.500	mg/kg							
LCS (EI51603-BS1)				Prepared & Analyzed: 09/15/05						
Chloride	8.59		mg/L	10.0		85.9	80-120			
Calibration Check (EI51603-CCV1)				Prepared & Analyzed: 09/15/05						
Chloride	8.66		mg/L	10.0		86.6	80-120			
Duplicate (EI51603-DUP1)		**Source: 5I13016-04**		Prepared & Analyzed: 09/15/05						
Chloride	896	10.0	mg/kg		897			0.112	20	
Batch EI51609 - General Preparation (Prep)										
Blank (EI51609-BLK1)				Prepared: 09/15/05 Analyzed: 09/16/05						
% Solids	100		%							
Duplicate (EI51609-DUP1)		**Source: 5I14003-01**		Prepared: 09/15/05 Analyzed: 09/16/05						
% Solids	90.2		%		89.6			0.667	20	
Duplicate (EI51609-DUP2)		**Source: 5I15013-01**		Prepared: 09/15/05 Analyzed: 09/16/05						
% Solids	89.9		%		88.9			1.12	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: 9-20-05

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: Ray 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: Ray R. Rascon

Project Name: BD Zia Cole "A" EOL
Project #:
Project Loc:
PO #:

LAB # (lab use only): 5I15002

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	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: 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	4WAll Comp.	9-12-05	3:49 P	1	✓									✓		✓			✓					
-02	BTTM @ 5'6" GRAb	9-12-05	3:45 P	1	✓									✓		✓			✓					

TCLP:
TOTAL:

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 3.5°C
Laboratory Comments: Labels w/ custseals

Relinquished by:	Date	Time	Received by:	Date	Time
Ray R. Rascon	9-12-05	5:00 P	[illegible]	9/14	[illegible]

Relinquished by:	Date	Time	Received by ELOT:	Date	Time
[illegible]	9/15	7:20	[illegible]	9/15/05	0740

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

Client: Rice Operating

Date/Time: 9-15-05 - 0740

Order #: 5215002

Initials: AT

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	3.5 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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