

1R - 426-181

REPORTS

DATE:

9-2-08

BD Jct K-7-5

1R426-181

RECEIVED
MAR 25 2003
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		
Blinebry-Drinkard (BD)	Jct. K-7-5	K	7	22S	37E	Lea	Length 5'	Width 5'	Depth 5'
							eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Colonial Securities _____ OTHER _____

Depth to Groundwater 126 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 6/30/2008 Date Completed 6/30/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/30/2008 Sample Depth 12 ft

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 12' GRAB	0.6	<10.0	<10.0	16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	1'	137
vertical delineation trench at the junction (source)	6'	305
	7'	179
	8'	299
	9'	221
	10'	143
	11'	122
	12'	120

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavated soil was blended on-site and returned to the excavation to ground surface and contoured to the surrounding area. On 7/11/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, PID screening, chloride curve

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 Katie Jones INITIAL _____

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 9-2-08

BD Jct. K-7-5

Unit K, Section 7, T22S, R37E



undisturbed junction box

6/25/2008



taking a sample

6/30/2008



backfilling excavation

6/30/2008



seeding backfilled site

7/11/2008



ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: DARNELL MITCHELL
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

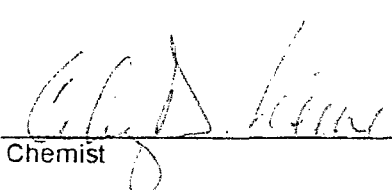
Receiving Date: 07/01/08
Reporting Date: 07/02/08
Project Owner: NOT GIVEN
Project Name: NOT GIVEN
Project Location: BD JCT K-7-5

Sampling Date: 06/30/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		07/01/08	07/01/08	07/01/08
H15081-1	SOURCE GRAB @ 12 FT	<10.0	<10.0	16
Quality Control		463	526	500
True Value QC		500	500	500
% Recovery		92.6	105	100
Relative Percent Difference		6.1	11.9	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

*Analysis performed on a 1:4 w:v aqueous extract.


Chemist


Date

H15081TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page _____ of _____

Company Name: <u>Rice operating</u>		P.O. #:	
Project Manager: <u>Darrell Mitchell</u>		Company: <u>SAME</u>	
Address: <u>122 W. Taylor</u>		Attn:	
City: <u>Hobbs</u>		Address:	
State: <u>N.M.</u> Zip: <u>88240</u>		City:	
Phone #:		State:	
Project #:		Phone #:	
Project Owner:		Fax #:	
Project Name:		Zip:	
Project Location: <u>Bad Jet K-7-5 BB</u>		Project #:	
Sampler Name: <u>Darrell Mitchell</u>		Fax #:	
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	PRESERV	SAMPLING
<u>H-5081-1</u>	<u>Source Area @ 12 ft</u>	ACID/BASE: <input checked="" type="checkbox"/>	DATE: <u>6-30-08</u> TIME: <u>4:24 PM</u>
		ICE / COOL: <input checked="" type="checkbox"/>	
		OTHER: <input type="checkbox"/>	
		MATRIX	
		GROUNDWATER	
		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER: <input type="checkbox"/>	
		CONTAINERS	
		(G)RAB OR (C)OMP: <input checked="" type="checkbox"/>	

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: <u>Darrell Mitchell</u>		Date: <u>6/10/08</u>	
Relinquished By:		Time:	
Delivered By: (Circle One)		Date:	
Sampler - UPS - Bus - Other:		Time:	

Received By: Marty de Bat

Temp. Sample Condition: Cool ☒ Intact ☒

Checked By: MJM

Initials: MJM

Yes ☒ No ☐

Yes ☒ No ☐

Phone Result: ☐ No ☐ Add'l Phone #:

Fax Result: ☐ No ☐ Add'l Fax #:

REMARKS: RESULTS B. Baker @ Rice SWD .COM

J DURU'S @ Rice SWD .COM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD Jct. K-7-5

Unit 'K', Sec. 7, T22S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
6	305
7	179
8	299
9	221
10	143
11	122
12	120

Groundwater = 126 ft

