

1R - 426-161

## REPORTS

DATE:

4-1-08

BD Jct J-4-1

1R426-161

**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		
Bliebry-Drinkard (BD)	jct. J-4-1	J	4	22S	37E	Lea	Length	Width	Depth
							moved 30 ft West		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Priscilla West OTHER \_\_\_\_\_

Depth to Groundwater 157 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 7/23/2007 Date Completed 9/18/2007 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 7/23/2007 Sample Depth 6 ft

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

**CHLORIDE FIELD TESTS**

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB BELOW FORMER JUNCTION	0.1	<10.0	<10.0	<16

LOCATION	DEPTH (ft BGS)	ppm
background	1	87
former junction site	4	84
	5	83
	6	114

**General Description of Remedial Action:**

This junction was moved 30 ft west where a new, watertight box was built as part of the pipeline replacement/upgrade program. After the box lumber was removed from the former site, the site was inspected and the surrounding soils did not exhibit any signs of adverse impact from the junction. Soil samples were collected using a hand auger and chloride field tests were conducted on them. All samples yielded low chloride concentrations similar to that of the background sample. Organic vapors were also measured which resulted in very low concentrations as well. The deepest sample (6 ft bgs) collected below the junction was analyzed at a commercial laboratory for confirmation of field tests. Results indicate that neither TPH nor chloride were present within the laboratory's detection limit. The hole from the former junction box was backfilled with clean, imported soil and contoured to the surrounding surface. The surface was seeded with a blend of native vegetation on 9/21/2007 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 1/29/2008

TITLE Project Scientist



# BD jct. J-4-1

Unit J, Section 4, T22S, R37E



undisturbed junction box (facing North)

2/23/2004



former junction site in foreground (facing West)

7/23/2007



junction box removed (facing North)

1/30/2006



seeding backfill; new junction 30 ft West in background

9/21/2007





PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Receiving Date: 07/24/07  
Reporting Date: 07/26/07  
Project Number: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: BD-JCT-J-4-1

Sampling Date: 07/23/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: AB  
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C <sub>8</sub> -C <sub>10</sub> ) (mg/Kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	
ANALYSIS DATE		07/25/07	07/25/07	07/24/07
H12967-1	SOURCE @ 6' BGS	<10.0	<10.0	<16
Quality Control		745	762	490
True Value QC		800	800	500
% Recovery		93.1	95.3	98.0
Relative Percent Difference		3.2	3.6	2.0

**METHODS:** TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-ClB

\*Analyses performed on 1:4 w/v aqueous extracts.

*Bryan J. Cook*  
Chemist

3/24/07  
Date

H12967 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.

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Lubbock, TX 79603 101 East Marland, Hobbs, NM 88240  
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name: <b>McCoy Construction Co.</b>		P.O. #:		ANALYSIS REQUEST	
Project Manager: <b>Bob Patterson</b>		Company:			
Address: <b>133 W. Tower</b>		City:			
State: <b>TX</b> Zip: <b>79603</b>		Attn:			
Phone #: <b>397-9174</b> Fax #: <b>397-1471</b>		Address:			
Project #:		City:			
Project Name:		State:			
Project Location: <b>BD - SET-5-4-1</b>		Phone #:			
Sample Name: <b>John Brooks</b>		Fax #:			
Lab I.D. Sample I.D.		MATRIX		PRESERV.	
<b>H12967-1 SOURCE @ 6' BGS</b>  (G)RAB OR (C)OMP. <input checked="" type="checkbox"/> <b>G</b> # CONTAINERS <b>1</b> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>		DATE		TIME	
		<b>7-23-07</b>		<b>3:00 PM</b>	
SAMPLING		TPH 8015 M		CI-	
RECEIVED BY: <b>John Brooks</b> Date: <b>7-24-07</b> Time: <b>7:40 am</b> RECEIVED BY: <b>Lab Staff</b> Date: <b>7-24-07</b> Time: <b>7:40 am</b>		SAMPLE CONDITION Temp. °C <b>13</b> Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked by: <b>ATB</b> Initials: <b>ATB</b>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: <b>E mail: rason@rice.swd.com</b> <b>cc to: J Purvis@rice.swd.com</b>	

1. Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

# 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

NO.

MODEL: PGM 761S

MODEL: PGM 7600

MODEL: PGM 7600

MODEL: PGM 7600

SERIAL NO: 104412

SERIAL NO: 110-013744

SERIAL NO: 110-12383

SERIAL NO: 110-012920

LOT NO: 06-3079

FILL DATE: 6-16-06

ACCURACY:  $\pm 2\%$

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

EXP. DATE: 12-16-87

METER READING ACCURACY: 100.

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
B.D	J-4-1	J	4	22S	37E

[illegible]

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

SIGNATURE: Dannell Mitchell

DATE: 7-23-07