

1R - 426-260

REPORTS

DATE:

8-27-10

1R426-2E

**BD F-5 EOL**  
**2010**

**RECEIVED**

APR - 1 2011

Gil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

**CLOSURE**

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Blinebry-Drinkard (BD)	F-5 EOL	F	5	22S	37E	Lea	water tight box built in same place		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Ernest Wayne Henson OTHER \_\_\_\_\_

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

Date Started 4/13/2010 Date Completed 4/13/2010 OCD Witness no

Soil Excavated 9.3 cubic yards Excavation Length 7 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 4/13/2010 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	1.8	<10.0	<10.0	64

CHLORIDE FIELD TESTS		
LOCATION	DEPTH	mg/kg
background	6"	85
vertical delineation trench at the junction (source)	7'	203
	8'	148
	9'	144
	10'	85
	11'	86
	12'	117

**General Description of Remedial Action:** This junction box was addressed during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals creating a 7x3x12-ft. deep excavation. Chloride field tests performed on each sample 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 of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to 7 ft. bgs. A new water tight junction box was built in the same location as the former box.

enclosures: photos, lab analysis, PID (field) screenings, chloride curve

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

SITE SUPERVISOR Robert Egans SIGNATURE *Robert Egans* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL *ABB*

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 8-27-10

# BD F-5 EOL

Unit F, Section 5, T22S, R37E



Site prior to excavation

4/08/2010



Delineation trench being excavated

4/13/2010



Sample being taken

4/13/2010



New water tight junction box

4/27/2010



# ARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: BRUCE BAKER  
112 W. TAYLOR  
HOBBS, NM 88240

Receiving Date: 04/13/10  
Reporting Date: 05/28/10\*\*  
Project Number: NOT GIVEN  
Project Name: BD F-5 EOL (22/37)  
Project Location: BD F-5 EOL (22/37)

Sampling Date: 04/13/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/HM

	GRO	DRO	
	(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	Cl*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	04/14/10	04/14/10	04/14/10
H19669-1 SOURCE @ 12FT.**	<10.0	<10.0	64
Quality Control	485	567	500
True Value QC	500	500	500
% Recovery	97.0	113	100
Relative Percent Difference	0.6	10.2	< 0.1

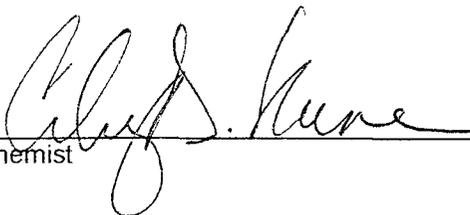
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

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

Reported on wet weight.

\*\*Revised Report.

COPY

  
\_\_\_\_\_  
Chemist

05/28/10  
\_\_\_\_\_  
Date

H19669 TCL RICE

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Please Rush  
as per Robert Egans

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**CARDINAL LABORATORIES**

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

Company Name: <b>Rice Operating Company</b>		P.O. #:		ANALYSIS REQUEST	
Project Manager: <b>Bruce Baker</b>		Company:			
Address: <b>122 W. Taylor</b>		Attn:			
City: <b>Hobbs</b> State: <b>NM</b> Zip: <b>88240</b>		Address:			
Phone #: <b>575-393-9174</b> Fax #: <b>575-397-1471</b>		City:			
Project #: _____ Project Owner: _____		State:			
Project Name: <b>BD F-5 EOL (22/37)</b>		Phone #:			
Project Location: _____		Fax #:			
Sampler Name: <b>Robert Egans</b>		PRESERV		SAMPLING	
FOR LAB USE ONLY		ICE/COOL		DATE	
Lab I.D. <b>Sample I.D.</b>		ACID/BASE		TIME	
Matrix: <b>WASTEWATER</b>		OTHER		4-13-10 9:53am	
WASTEWATER		SLUDGE			
GROUNDWATER		OIL			
# CONTAINERS <b>1</b>		SOIL			
(G) RAB OR (C) OMP <b>G</b>		WASTEWATER			
		GROUNDWATER			
		OTHER			
		OTHER			

COPY

TPH + CL 8015M

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 its performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: **Robert Egans** Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: **Jodi Henson** Date: **4/13/10** Time: **4:15**  
 Sample Condition:  Cool  Intact  Yes  No  
 Checked By: **JH** (Initials)  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: **E-Mail Results To: J Purvis @ Rice Svcs . com**  
**Baker " " "**  
**Egans " " "**  
**Rust**

† Cardinal cannot accept verbal changes. Please fax written changes to 505-396-2476

\* Sample depth changed to 12 FT as per Bruce. 5/28/10 ch

#26

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>928167</u>	EXPIRATION DATE: <u>1-17-2013</u>
FILL DATE:	METER READING ACCURACY: <u>100ppm</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>B0</u>	<u>F-5 F04</u>	<u>F</u>	<u>5</u>	<u>22</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Source 7'</u>	<u>0.2</u>	<u>Background</u>	<u>0.4</u>
<u>8'</u>	<u>0.5</u>		
<u>9'</u>	<u>0.7</u>		
<u>10'</u>	<u>1</u>		
<u>11'</u>	<u>1.7</u>		
<u>12'</u>	<u>1.8</u>		
		COPY	

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

SIGNATURE: Robert [Signature]

DATE: 4-13-2010

# CHLORIDE CONCENTRATION CURVE

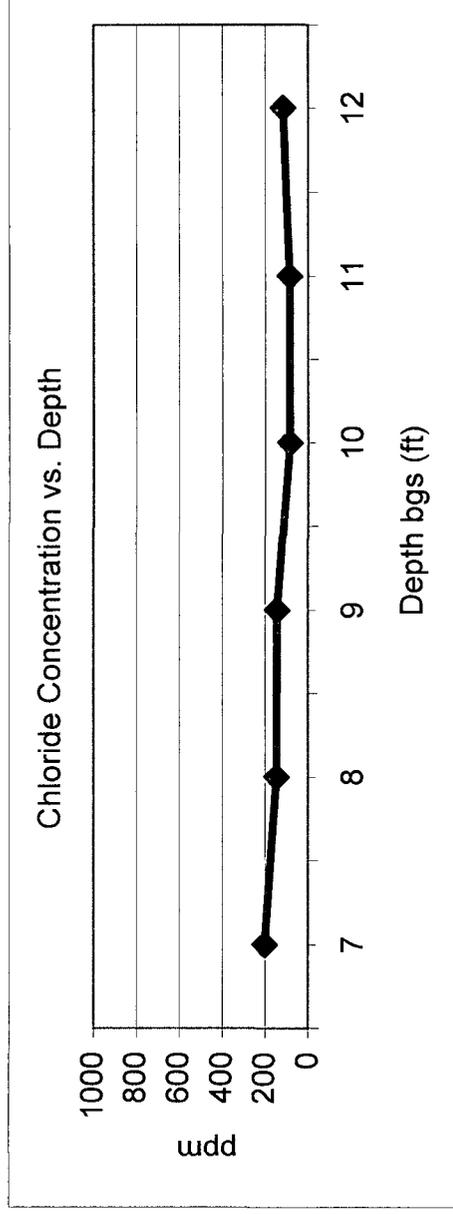
RICE Operating Company

## BD F-5 EOL

Unit 'F', Sec. 5, T22S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
7	203
8	148
9	144
10	85
11	86
12	117



Groundwater = 82 ft