

1R - 426-272

**REPORTS**

**DATE:**

9-28-10

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1R426-272

**BD L-7 Vent**

**2010**

**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)	L-7 Vent	L	7	21S	38E	Lea	6'	4'	1'
							Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER William F. McNeill OTHER \_\_\_\_\_

Depth to Groundwater 25 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 4/19/2010 Date Completed 4/19/2010 OCD Witness no

Soil Excavated 6.7 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 4/19/2010 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	0.0	<10.0	<10.0	64

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	58
vertical delineation trench at the junction (source)	2'	149
	3'	513
	4'	145
	5'	405
	6'	328
	7'	354
	8'	750
	9'	555
	10'	170
	11'	89
12'	60	

**General Description of Remedial Action:** This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect samples at regular intervals producing a 5X3X12-ft. deep excavation. Chloride field tests were performed on each sample which yielded low concentrations similar to that of the background sample. 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 of each. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. The site was seeded by operations with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, 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 LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 9-28-10

# BD L-7 Vent

Unit L, Section 7, T21S, R38E



Site prior to excavation

4/19/2010



Delineation trench being excavated

4/19/2010



Sample being collected

4/19/2010



Backfilling excavation

4/19/2010



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

Receiving Date: 04/19/10  
 Reporting Date: 04/22/10  
 Project Number: NOT GIVEN  
 Project Name: BD JCT L-7 (21-38)  
 Project Location: BD JCT L-7 (21-38)

Sampling Date: 04/19/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: JH  
 Analyzed By: AB/SJ

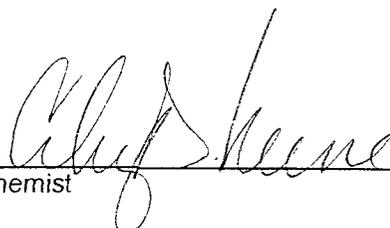
	GRO	DRO	CI*
	(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	04/22/10	04/22/10	04/20/10
H19703-1 SOURCE @ 12'	<10.0	<10.0	64
<b>COPY</b>			
Quality Control	524	533	500
True Value QC	500	500	500
% Recovery	105	107	100
Relative Percent Difference	2.5	0.6	< 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.

Reported on wet weight.

  
 Chemist

04/23/10  
 Date

H19703 TCL RICE



# 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:

✓

Model: PGM 7300    Serial No: 590-000183  
 Model: PGM 7300    Serial No: 590-000508  
 Model: PGM 7300    Serial No: 590-000504


Model: PGM 7600    Serial No: 110-023920  
 Model: PGM 7600    Serial No: 110-013744  
 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>100</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>L-7 Vent</u>	<u>L</u>	<u>7</u>	<u>21</u>	<u>38</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Background</u>	<u>1.1</u>	<u>Source 2'</u>	<u>.06</u>
		<u>3'</u>	<u>0</u>
		<u>4'</u>	<u>0</u>
		<u>5'</u>	<u>0</u>
		<u>6'</u>	<u>0</u>
		<u>7'</u>	<u>0</u>
		<u>8'</u>	<u>0</u>
		<u>9'</u>	<u>0</u>
		<u>10'</u>	<u>0</u>
		<u>11'</u>	<u>0</u>
		<u>12'</u>	<u>0</u>

COPY

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

SIGNATURE: Robert Spina

DATE: 4-19-2010

# CHLORIDE CONCENTRATION CURVE

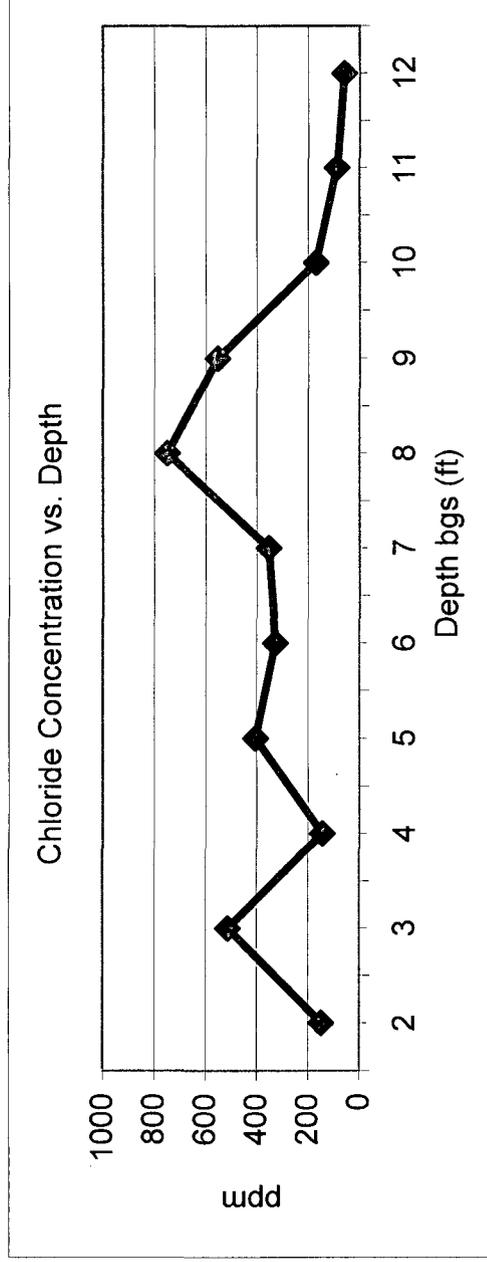
RICE Operating Company

## BD L-7 Vent

Unit 'L', Sec. 7, T21S, R38E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
2	149
3	513
4	145
5	405
6	328
7	354
8	750
9	555
10	170
11	89
12	60



Groundwater = 25 ft.