1R-426-264

### REPORTS

### DATE:

-28-11

### BD Jct. H-2

.

2010

RECEIVED APR-1 2011

,

Cill Conservation Division 1220 S. St. Francis Drive Santa Fe, 1VM 87505

### **CLOSURE**

### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

				BOX LOC	ATION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DI	MENSIONS	- FEET	
BLINEBRY-	Jct. H-2	н	2	225	37E	Lea	Length 6 ft	Width 5.ft_	Dep 5 ft	.h
DRINKARD BD							new water tig	ht junction s	ame loca	tion
LAND TYPE: E	BLM	STATE X	FEE LA	NDOWNER		- mart - 10 <sup>1</sup> -11 - 11 - 1				
Depth to Grour	dwater	54'	feet	NMOC	D SITE AS	SESSMENT	RANKING SO	CORE:	20	
Date Started	10/25	/2010	Date Cor	npleted	10/25/201		Witness	No	)	
Soil Excavated	5.3	cubic yai	ds Exc	avation Le	ength <u>6</u>	Width	2	Depth	12	_fee
Soil Disposed	0	cubic yar	ds Of	fsite Facility	1	I/A	Location	<u> </u>	I/A	
	CAL RE	SULTS:	Samp	le Date	10/25/20	10	Sample Dep	oth	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'	0.2	<10	<10	32
General Description of	Remedial Act	tion: This ju	nction was addres	ssed during
the pipeline replacement/up	ograde program.	After the forme	r junction was rem	noved, an
investigation was conducte	d using a backho	e to collect soil	samples at regula	ar
intervals creating a 6X2X12	2-ft_ deep excava	tion. Chloride f	ield tests were per	rformed on
each sample yielded chloric	le concentration	similar to that of	the background	sample.
Organic vapors, were meas	ured using a PIC	), yielded low co	ncentrations. Th	e deepest sample, 1

commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The excavated soil was returned

to the excavation to 5 ft. below ground surface (BGS). A new water tight junction box was built in the same location.

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

BGS, was sent to a

LOCATION

Background

Vertical

Delineation of the Junction (source)

CHLORIDE FIELD TESTS

DEPTH

6"

6'

7'

8'

9'

10'

11'

12'

mg/kg

147

209

148

147

143

204

148

150

I HE	REBY CERTIFY THA	T THE INFOR	RMATION ABOV	E IS TRUE AND CO	MPLETE	TO THE BEST OF MY
			KNOWLEDGE	ND BELIEF.		
			///	1		
SITE SUPERVISOR	John R. Harrison	SIGNATURE		COM	PANY	RICE OPERATING COMPANY
REPORT		Ð				
ASSEMBLED BY	Larry Bruce Baker Jr.		<u>XBB</u>	_		
PROJECT LEADER	Larry Bruce Baker Jr.		Lany B	nure Balu f.	DATE	2-28-11

## BD Jct. H-2



Site prior to excavation

10/25/2010



Unit H, Section 2, T22S, R37E



Delineation trench being excavated

10/25/2010



Collecting sample

2/23/2011



### Analytical Results For:

Rice Operating Company Bruce Baker 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

Received:	10/25/2010	Sampling Date:	10/25/2010
Reported:	10/26/2010	Sampling Type:	Soil
Project Name:	BD H-2 22/37	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

### Sample ID: SOURCE @ 12' (H021141-01)

Chloride, SM4500Cl-B Analyzed By: HM mg/kg Anaiyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier 16.0 10/25/2010 ND 104 400 3.92 Chloride 32.0 416 **TPH 8015M** mg/kg Analyzed By: AB Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier 10/25/2010 200 GRO C6-C10 <10.0 10.0 ND 170 85.2 12.2 DRO >C10-C28 <10.0 10.0 10/25/2010 ND 194 96.8 200 12.2 91.0 % 70-130 Surrogate: 1-Chlorooctane Surrogate: 1-Chlorooctadecane 94.8% 70-130

COPY

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's lability 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 whitsoever shall be idented wined integence and any other cause whitsoever shall be idented wined integence and tamps, whether based in contract or tort, shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whitsoever shall be idented wined integence and including, without limitation, business interruptions, loss of use, or indextal or consequential damages, including, without limitation, business interruptions, loss of use, or isos of profits incurred by client, its subsidianes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results related vib the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4

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Sector Sector

Páge 4 of 4





### RICE OPERATING COMPANY

### 122 West Taylor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM



MODEL: PGM 7300SERIAMODEL: PGM 7300SERIAMODEL: PGM 7320SERIAMODEL: PGM 7300SERIA

SERIAL NO: 590-000508 SERIAL NO: 590-000504 SERIAL NO: 592-903318 SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 930737	EXPIRATION DATE:	10-16-13
	METER READING ACCURACY:	100.00

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	H-2	H	2	22	37

SAMPLE ID	PID	SAMPLE ID	PID
Source Q le'	0.9		
7/	0.3		
51	0.3		
91	0.2		
10'	0-2		
// '	0.1		
12'	0.2		
B/6 10"	13.5		
		COPY	

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

SIGNATURE ÚÀ G

DATE: 10-25-10

CHLORIDE CONCENTRATION CURVE

# RICE Operating Company

# **BD H-2 JCT** Unit 'H', Sec. 2, T22S, R37E

## Delineation of Source

s (ft) [CI] ppm	209	148	147	143	204	148	
Depth bg:	9	2	ω	6	10	11	с т

Groundwater = 54 ft

