

1R - 426-263

REPORTS

DATE:

2-28-11

1R426-263

BD Jct. A-11-1

2010

RECEIVED

APR - 1 2011

Oil 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		
Bliebry-Drinkard (BD)	Jct. A-11-1	A	11	22S	37E	Lea	Length 7 ft.	Width 6 ft.	Depth 7 ft.
							same location		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Irvin Boyd OTHER _____

Depth to Groundwater 59 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 10/21/2010 Date Completed 10/21/2010 OCD Witness no

Soil Excavated 6.2 cubic yards Excavation Length 7 Width 2 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/21/2010 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	0.5	<10.0	<10.0	48

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	146
vertical delineation trench at the junction (source)	8'	204
	9'	209
	10'	203
	11'	145
	12'	149

General Description of Remedial Action: This junction and line 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 7x2x12-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 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 7 ft. below ground surface (BGS). A new water tight box was built in the same location.

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 John R Harrison SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT
ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 2-28-11

BD Jct. A-11-1

Unit A, Section 11, T22S, R37E



Site prior to excavation

10/21/2010



Delineation trench being excavated

10/21/2010



Collecting sample

10/21/2010



New water tight junction box

2/23/2011

Analytical Results For:

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

 Received: 10/21/2010
 Reported: 10/22/2010
 Project Name: A-11-1 JUNCTION
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/21/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOURCE @ 12' (H021117-01)

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/22/2010	ND	416	104	400	0.00		
TPH 8015M			mg/kg							
			Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/22/2010	ND	211	105	200	6.63		
DRO >C10-C28	<10.0	10.0	10/22/2010	ND	180	90.2	200	5.39		

 Surrogate: 1-Chlorooctane 93.8 % 70-130
 Surrogate: 1-Chlorooctadecane 88.3 % 70-130

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Cardinal Laboratories

*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

Rice Operating Company.

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

NEED SAMPLES BACK, PLEASE

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input 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: 930737	EXPIRATION DATE: 6-16-13
FILL DATE:	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	A-11-1	A	11	T22 S	R37 E

SAMPLE ID	PID	SAMPLE ID	PID
Source @ 8'	1.7		
9'	0.4		
10'	0.9		
11'	0.5		
12'	0.5		

COPY

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

SIGNATURE:

DATE: 10-21-10.

BD JCT A -11-1

Unit A, Sec. 11, T22S, R37E

Backhoe samples at the junction (source)

Depth bgs. (ft)	[Cl ⁻] ppm
8	204
9	209
10	203
11	145
12	149

Groundwater = 59 ft.

