

1R - 426-284

REPORTS

DATE:

3-18-11

1R426-284

BD O-6 EOL

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		
							Length 9 ft.	Width 4 ft.	Depth 2 ft.
Blinebry-Drinkard (BD)	O-6 EOL	O	6	22S	38E	Lea	new water tight box moved 190 ft. south west		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Walco Ranch, LLC OTHER _____

Depth to Groundwater 55 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/9/2010 Date Completed 11/17/2010 OCD Witness no

Soil Excavated 5.2 cubic yards Excavation Length 7 Width 2 Depth 10 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/17/2010 Sample Depth 10 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 10' GRAB	4.0	<10.0	<10.0	208

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	85
vertical delineation at junction (source)	3'	232
	4'	914
	5'	1023
	6'	1385
	7'	699
	8'	1085
	9'	520
	10'	273

General Description of Remedial Action: This junction 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 7X2X10-ft. deep excavation. Chloride field tests performed on each sample yielded concentrations that did relent with depth. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 10 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. On 11/17/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. A new water tight junction box built 190 ft. south west.

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 John Harrison SIGNATURE Not Available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-18-11

BD O-6 EOL

Unit O, Section 6, T22S, R38E



Site prior to excavation

11/09/2010



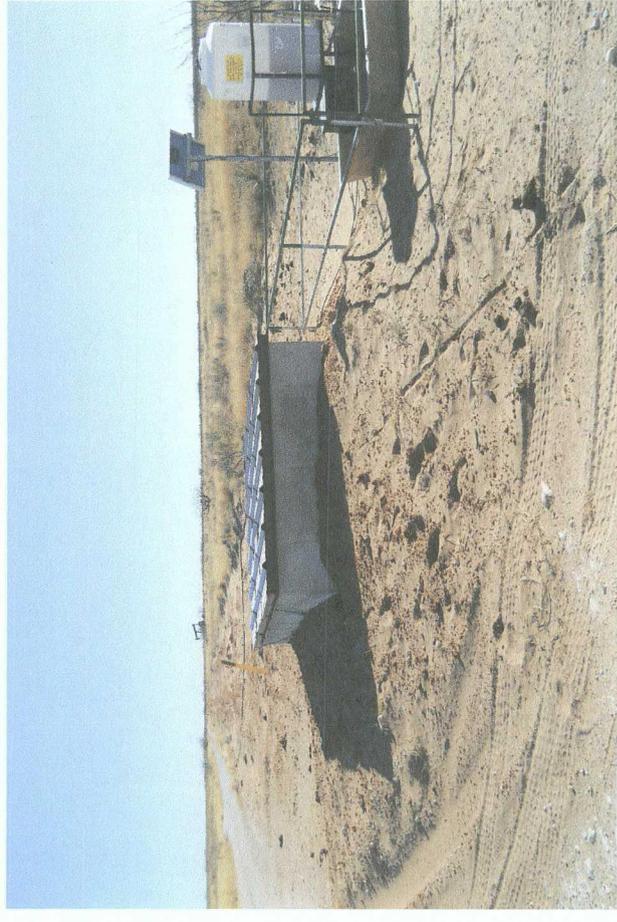
Delineation trench being excavated

11/09/2010



Backfilling excavation

11/17/2010



New water tight junction box

2/28/2011

Analytical Results For:

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

Received: 11/17/2010
 Reported: 11/29/2010
 Project Name: BD O-6 EOL 22/38
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/17/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOURCE @ 10' (H021327-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/20/2010	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	11/19/2010	ND	156	77.9	200	7.63	
DRO >C10-C28	<10.0	10.0	11/19/2010	ND	153	76.7	200	9.46	

Surrogate: 1-Chlorooctane 100 % 70-130
 Surrogate: 1-Chlorooctadecane 99.5 % 70-130

COPY

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL 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: Rice Operating Company Project Manager: Hack Conder BRUCE BAUER Address: 122 West Taylor City: Hobbs State: NM Zip: 88240 Phone #: 575-393-0174 Fax #: 575-397-1471 Project #: 0-6 EOL Proj 020808 Project Name: B30 H7 JF 23-38 Project Location: Sampler Name: Robert Harrison		BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions			
FOR LAB USE ONLY Lab I.D. Sample I.D. H21371-1 SOURCE @ 10'		MATRIX WASTEWATER GROUNDWATER (G)RAB OR (C)MP: 61 # CONTAINERS: 1 WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME 11/17/10 10:00	

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 analysis. 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 the 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 Harrison**
Date: 11/17/10 **Time:** 4:10
Received By: **Wendi Benson**
Date: 11/17/10 **Time:** 4:10

Relinquished By: _____
Date: _____ **Time:** _____

Delivered By: (Circle One)
 Sampler UPS Bus Other: _____

Sample Condition
 Cool Intact
 Yes No Yes No

Checked By: (Initials)

REMARKS:
 email results
 Bbaker@riceswd.com; Kjones@riceswd.com;
 Regans@riceswd.com Rhanson@riceswd.com
 * Project name changed as per Robert. 11/22/10

NEED SAMPLES BACK, PLEASE

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #26

CHLORIDE CONCENTRATION CURVE

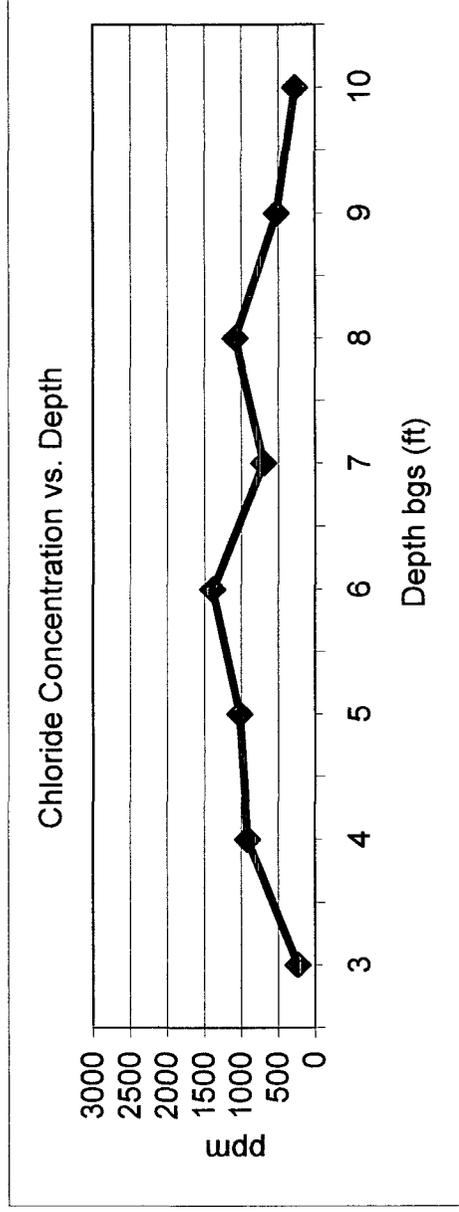
RICE Operating Company

BD O-6 EOL

Unit 'O', Sec. 6, T22S, R38E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
3	232
4	914
5	1023
6	1385
7	699
8	1085
9	520
10	273



Groundwater = 55 ft.