

1R - 426-245

REPORTS

DATE:

3-24-10

BD A-17 EOL
2009

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

1R426-245

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

RECEIVED

APR - 6 2010

Environmental Bureau

BOX LOCATION							BOX DIMENSIONS - FEET		
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	Length	Width	Depth
Blinebry-Drinkard (BD)	A-17 E.O.L.	A	17	22S	37E	Lea			
							moved 22' west		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Millard Deck Estate OTHER _____

Depth to Groundwater 73 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/23/2009 Date Completed 9/23/2009 OCD Witness no

Soil Excavated 5.3 cubic yards Excavation Length 2 Width 6 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/23/2009 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	11.7	48

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6	150
vertical delineation trench at the junction (source)	4'	1751
	5'	1311
	6'	1363
	7'	1320
	8'	1110
	9'	570
	10'	598
	11'	300
	12'	208

General Description of Remedial Action: This junction was moved under the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals. Chloride field tests were performed on each sample, which yielded low concentrations of chloride 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, which confirmed low concentrations of chloride and organics. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. 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 Eric Garrison 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 3-34-10

BD A-17 EOL

Unit A, Section 17, T22S, R37E



Site prior to delineation

9/23/2009



Delineation trench at former junction site

9/23/2009



Sample being taken

9/23/2009



New watertight junction box

10/2/2009



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

ANALYTICAL RESULTS FOR:
RICE OPERATING COMPANY
ATTN: ERIC GARRISON
122 W. TAYLOR
HOBBS, NM 88240

Receiving Date: 09/23/09
Reporting Date: 09/25/09
Project Number: NOT GIVEN
Project Name: BD A-17-EOL
Project Location: BD A-17-EOL

Sampling Date: 09/23/09
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C ₅ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₅) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		09/25/09	09/25/09	09/24/09
H18303-1	SOURCE BTTM GRAB @ 12'	<10.0	11.7	48
Quality Control		473	507	500
True Value QC		500	500	500
% Recovery		94.6	101	100
Relative Percent Difference		2.4	1.2	<0.1

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

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

Reported on wet weight.

Chemist

Date

H18303 TCL RICE



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

BILL TO				ANALYSIS REQUEST															
P.O. #:																			
Company:																			
Attn:																			
Address:																			
City:																			
State:																			
Phone #:																			
Fax #:																			
Company Name: <i>Kyle of Taylor</i> Project Manager: <i>2112 6th Avenue</i> Address: <i>1221 Taylor</i> City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i> Phone #: <i>(505) 393-1174</i> Fax #: <i>(575) 393-7941</i> Project #: Project Name: <i>RD 17-001</i> Project Location: <i>RD 17-001</i> Pier Name: <i>RD 17-001</i>				MATRIX				PRESERV.				SAMPLING							
				# CONTAINERS				GROUNDWATER				SLUDGE				OTHER:			
Lab I.D. <i>1183131</i>				WASTEWATER				SOIL				ICE/COOL				OTHER:			
				OIL				ACID/BASE				DATE				TIME			
Sample I.D. <i>3015017PH</i>				SOIL				SLUDGE				DATE				TIME			
				GROUNDWATER				OIL				DATE				TIME			

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

Sampler Relinquished:	Date: <i>4-23-09</i>	Received By: <i>Marty Red Bull</i>	Phone Result: <input type="checkbox"/>	No	Add'l Phone #:
Relinquished By:	Time: <i>4:22</i>	Received By:	Fax Result: <input type="checkbox"/>	No	Add'l Fax #:
Delivered By: (Circle One)	Date: <i>4-22</i>	Temp.:	REMARKS: <i>Regolith</i>		
Sampler - UPS - Bus - Other:	Time:	Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>	<i>BBARTON Office suit. Co.</i>		
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>SPURVIS Office suit. Co.</i>		
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>Eganation Office suit. Co.</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

* on ice/cooling process had begun

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 7600	Serial No: 110-023920
	Model: PGM 7300	Serial No: 590-000508		Model: PGM 7600	Serial No: 110-013744
	Model: PGM 7300	Serial No: 590-000504		Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924907	EXPIRATION DATE: 07-29-12
FILL DATE: 07-20-09	METER READING ACCURACY: 100 PPM

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BN	A-17 COL	A	17	223	37E

Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
4	12.7	56	0.0
5	10.2		
6	12.2		
7	14.1		
8	1.3		
9	0		
10	0		
11	0		
12	0		

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

SIGNATURE: [Signature]

DATE: 9-25-12

CHLORIDE CONCENTRATION CURVE

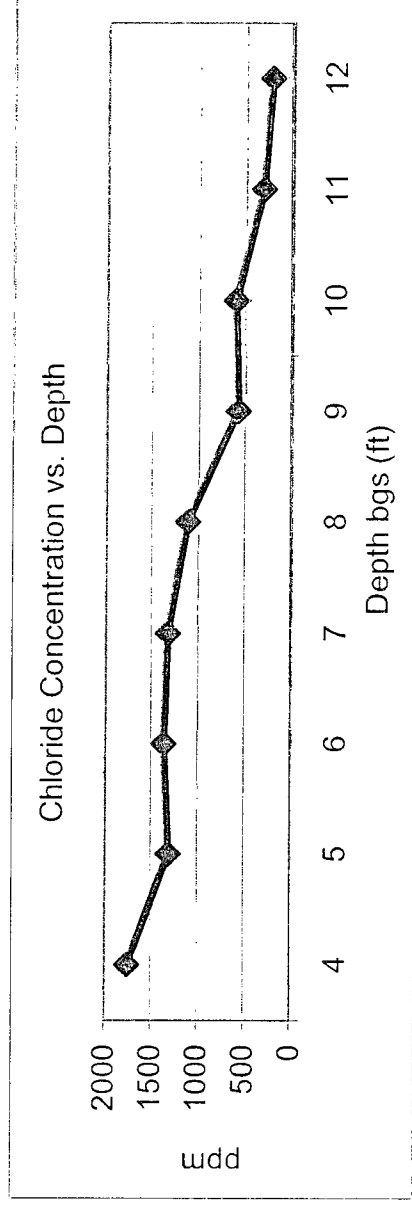
RICE Operating Company

BD A-17 EOL

Unit 'A', Sec. 17, T22S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ⁻ ppm
4	1751
5	1311
6	1363
7	1320
8	1110
9	570
10	598
11	300
12	208



Groundwater = 73 ft.