

1R - 426-226

REPORTS

DATE:

1-14-10

BD J-25 EOL

2009

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

1R426-226

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Blinebry-Drinkard (BD)	J-25 EOL	J	25	21S	36E	Lea	eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER George Brownlee OTHER _____

Depth to Groundwater 148 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20*

Date Started 7/20/2009 Date Completed 7/20/2009 OCD Witness no

Soil Excavated 5.0 cubic yards Excavation Length 3 Width 5 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/20/2009 Sample Depth 9 ft

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 9' GRAB	6.2	<10.0	<10.0	240

LOCATION	DEPTH	mg/kg
background	6"	120
vertical delineation trench at the junction (source)	5'	239
	6'	588
	7'	396
	8'	299
	9'	236

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 soil samples at regular intervals. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 9 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 8/13/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*A water well is located 1200 ft northeast of the site.

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 Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 1-14-10

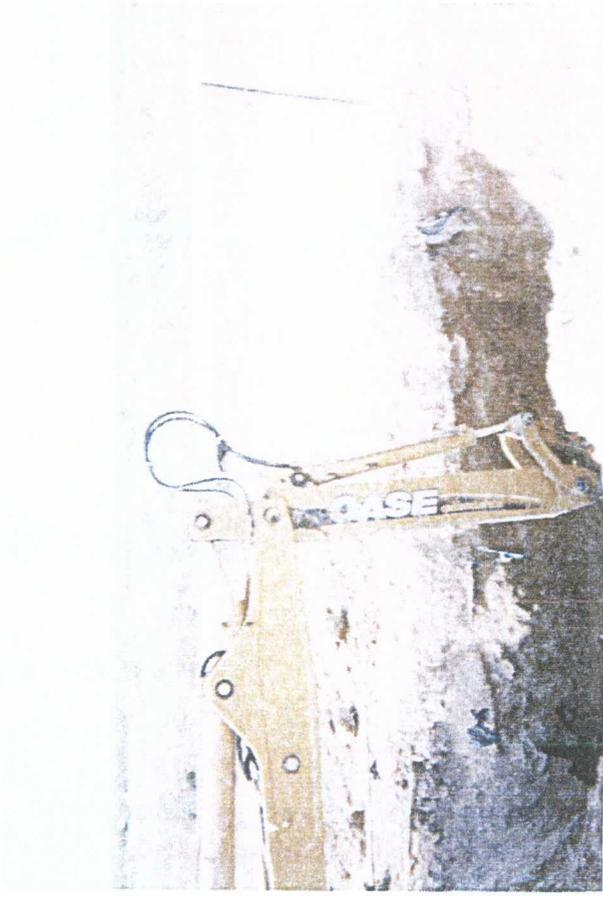
BD J-25 EOL

Unit J, Section 25, T21S, R36E



site prior to excavating, facing south

7/20/2009



excavating the former junction box site, facing north

7/20/2009



collecting a soil sample, facing south

7/20/2009



seeding the backfilled site, facing south

8/13/2009



COPY

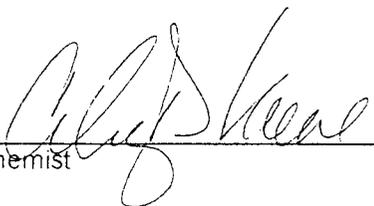
ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: ERIC GARRISON
122 W. TAYLOR
HOBBS, NM 88240

Receiving Date: 07/20/09
Reporting Date: 07/23/09
Project Number: NOT GIVEN
Project Name: BD JCT J-25 EOL
Project Location: BD JCT J-25 EOL

Sampling Date: 07/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₈ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
ANALYSIS DATE		07/22/09	07/22/09	07/21/09
H17844-1	SOURCE BTTM GRAB @ 9'	<10.0	<10.0	240
Quality Control		461	543	500
True Value QC		500	500	500
% Recovery		92.2	109	100
Relative Percent Difference		15.8	12.1	<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

07/23/09

Date

H17844 TCL RICE

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ARDINAL LABORATORIES

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

BILL TO		ANALYSIS REQUEST	
Company Name: <u>Live Operating</u>	P.O. #:		
Project Manager: <u>E.C. Garrison</u>	Company:		
Address: <u>122 W Taylor</u>	Attn:		
City: <u>Hobbs</u>	Address:		
State: <u>NM</u>	City:		
Zip: <u>88240</u>	State:		
Phone #: <u>575-9174</u>	Phone #:		
Fax #: <u>575-397-1471</u>	Fax #:		
Project #: _____	Project Name:		
Project Name: <u>BDOCT 0-25 EOL</u>	Project Location:		
Project Location: <u>BDOCT 5-25 EOL</u>	Sampler Name:		
Sampler Name: _____	Lab I.D.:		
Lab I.D.:	Sample I.D.:		
<u>H178441</u>	<u>source BTNA 645096</u>		
MATRIX:	PRESERV:	DATE	TIME
GROUNDWATER	ACID/BASE	<u>7-20-09</u>	<u>10:30</u>
WASTEWATER	ICE / COOL		
SOIL	OTHER		
OIL			
SLUDGE			
OTHER:			
# CONTAINERS			
(G)RAB OR (C)OMP			
Temp. _____	Temp. _____		
Sample Condition	Sample Condition		
Cop. Intact	Cop. Intact		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Delivered By: (Circle One)	Delivered By: (Circle One)		
Sampler - UPS - Bus - Other:	Sampler - UPS - Bus - Other:		
Relinquished By: _____	Relinquished By: _____		
Received By: <u>E.C. Garrison</u>	Received By: <u>C.B.J.</u>		
Date: <u>7/20/09</u>	Date: <u>7/20/09</u>		
Time: <u>4:40P</u>	Time: _____		
Phone Result: <input type="checkbox"/> No <input type="checkbox"/> No	Phone Result: <input type="checkbox"/> No <input type="checkbox"/> No		
Fax Result: <input type="checkbox"/> No <input type="checkbox"/> No	Fax Result: <input type="checkbox"/> No <input type="checkbox"/> No		
REMARKS: <u>Results</u>	REMARKS: <u>Results</u>		
	<u>Bbaker@riceswd.com</u>		
	<u>Jpurvise@riceswd.com</u>		
	<u>Egarrison@riceswd.com</u>		

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

CHLORIDE CONCENTRATION CURVE

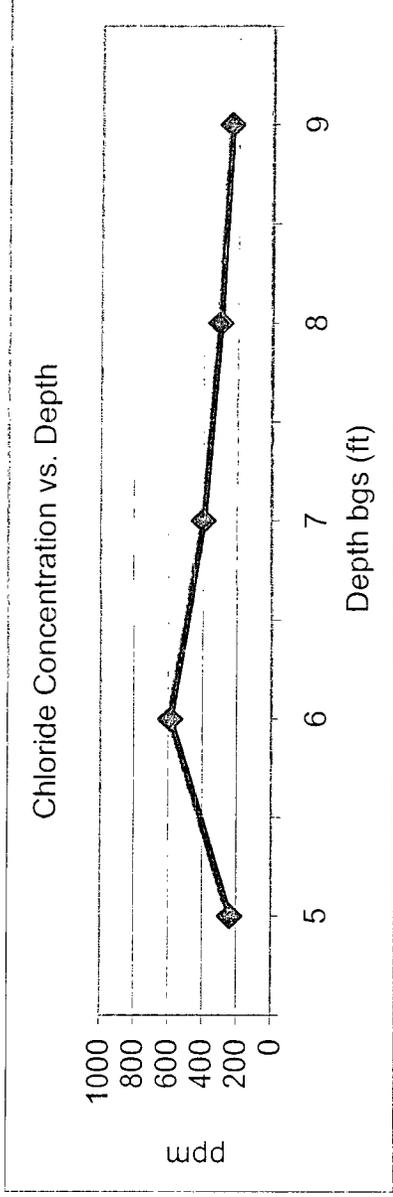
RICE Operating Company

BD J-25 EOL

Unit 'J', Sec. 25, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
5	239
6	588
7	396
8	299
9	236



Groundwater = 148 ft