

1R - 426-104

REPORTS

DATE:

11/04/2004

BD JCT B-25

1R0426-104

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE * REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	B-25	B	25	21S	37E	Lea	moved 20 ft South		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Patricia House OTHER _____

Depth to Groundwater 37 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 5/26/2004 Date Completed 6/24/2004 OCD Witness No

Soil Excavated 133 cubic yards Excavation Length 30 Width 20 Depth 6 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 5/28/2004 Sample Depth 6 ft

Procure 5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. 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 ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.1	<10.0	203	3200
BOTTOM COMP.	0.1	<10.0	36.8	3200
REMED. BACKFILL	0.1	<10.0	15.3	2160

LOCATION	DEPTH (ft)	ppm
vertical at junction box	6	2257
	8	4421
	9	4063
	10	3925
	11	3970
	12	4678
10 ft west of junction box	2	1800
	4	3278
	6	1962
	8	4992
	10	3639
	12	3119
4-wall comp.	n/a	2913
bottom comp.	6	3334
remed. backfill	n/a	2293

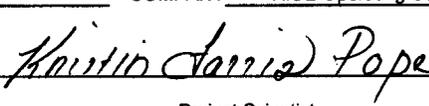
General Description of Remedial Action: This junction was moved 20 ft south where a new junction box was built. The former junction box site was delineated using a backhoe while chloride field tests and PID screenings were conducted at regular intervals. All PID results were relatively low and NMOCD TPH guidelines were met on the bottom and backfill composite samples of the 30 x 20 x 6-ft-deep excavation. The 4-wall composite, however, did not meet NMOCD TPH guidelines. Chloride impact was elevated and also did not decline with depth or breath. At the bottom of the excavation at 6 ft BGS, a 1-ft-thick compacted clay barrier was installed to inhibit further downward chloride migration. The excavated soils were blended on site and backfilled into the hole. An identification plate has been placed on the surface of this site for future considerations. NMOCD has been notified of potential groundwater impact at this location.

ADDITIONAL EVALUATION IS HIGH PRIORITY

enclosures: chloride graphs, photos, lab results, PID screenings, clay test, cross-section

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Joe Gatts SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE 

DATE 11/4/2004 TITLE Project Scientist

*** This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.**

EMIE jct. B-25

unit 'B', Sec. 25, T21S, R37E



undisturbed junction box

7/22/2003



new plumbing at new box location 20 ft south

8/20/2003



beginning delineation & excavation at former box site;
new junction box in background 5/26/2004



testing compacted clay at 6 ft BGS

6/22/2004



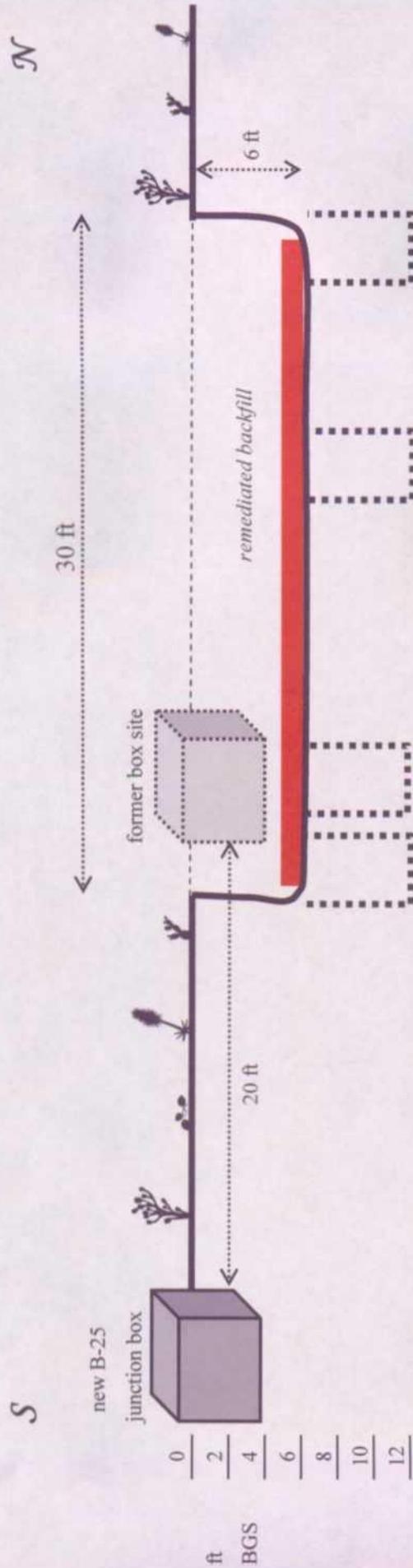
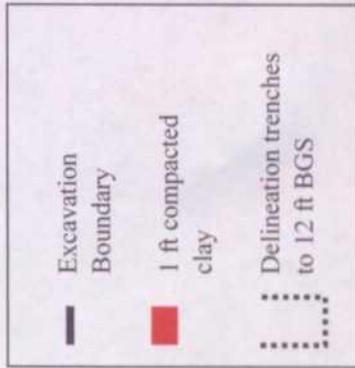
seeding disturbed area; ID plate on surface

10/15/2004

BD jct B-25

30 x 20 x 6-ft-deep

Excavation Cross-Section



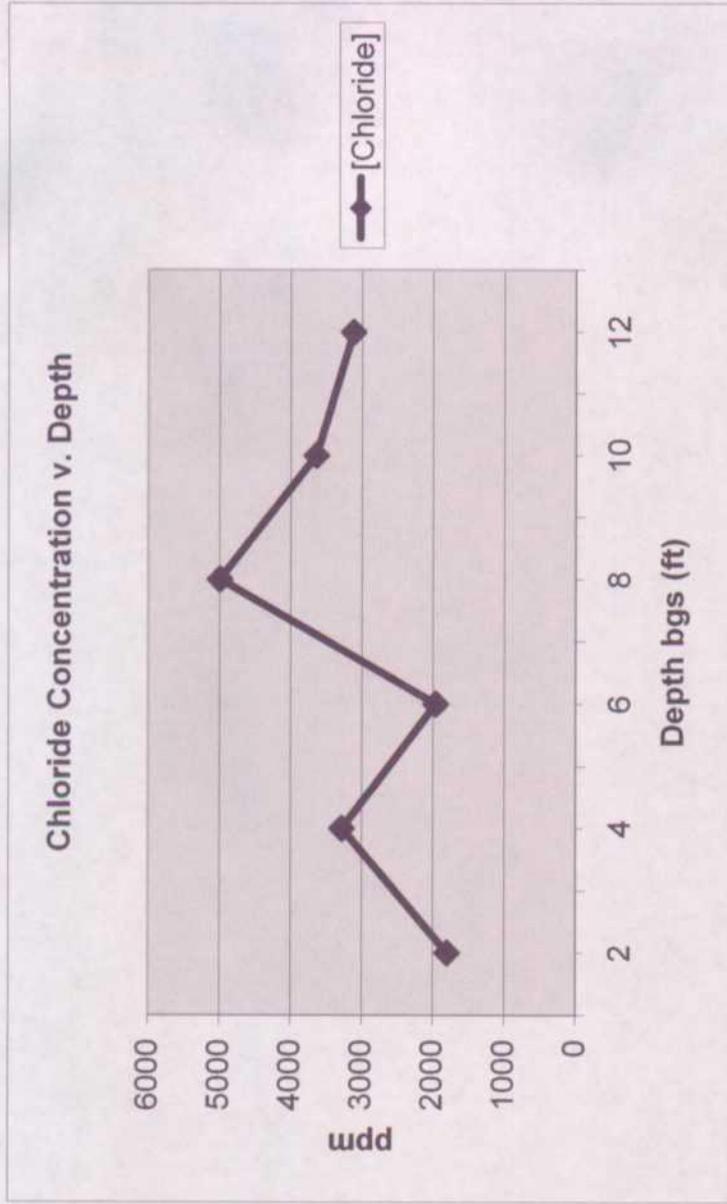
BD jct. B-25

unit 'B', Sec. 25, T21S, R37E

10 ft WEST of junction

Depth bgs (ft)	[Cl ⁻] ppm
2	1800
4	3278
6	1962
8	4992
10	3639
12	3119

Groundwater = 37 ft



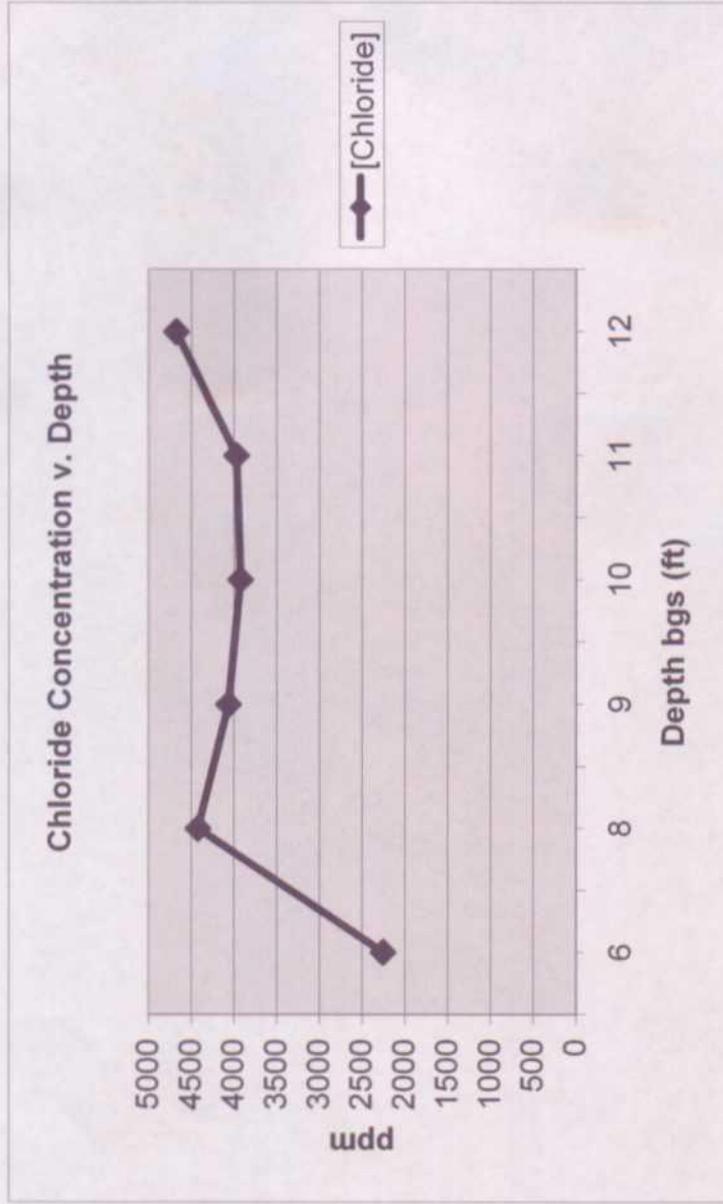
BD jct. B-25

unit 'B', Sec. 25, T21S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl ⁻] ppm
6	2257
8	4421
9	4063
10	3925
11	3970
12	4678

Groundwater = 37 ft





**ARDINAL
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: J. GATTS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 06/01/04
Reporting Date: 06/03/04
Project Number: NOT GIVEN
Project Name: B-25
Project Location: BD

Sampling Date: 05/28/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC/AH

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE	06/02/04	06/02/04	06/01/04
H8756-1 4 WALL COMP.	<10.0	203	3200
H8756-2 BOTT. COMP. @ 6' BGS	<10.0	36.8	3200
H8756-3 REMD. BACKFILL	<10.0	15.3	2160
Quality Control	781	785	950
True Value QC	800	800	1000
% Recovery	97.6	98.1	95.0
Relative Percent Difference	2.3	6.5	6.0

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

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H8756.XLS

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page of

Company Name: <i>Rice Operating</i> Project Manager: <i>J. Watts</i> Address: <i>122 W. Taylor</i> State: <i>NM</i> Zip: <i>88240</i> City: <i>Hobbs</i> Phone #: <i>505 393-9174</i> Fax #: <i> </i> Project #: <i> </i> Project Owner: <i> </i> Project Name: <i>B-25</i> Project Location: <i>B2D</i> Sampler Name: <i>J. Watts</i>										BILL TO ANALYSIS REQUEST									
FOR LAB USE ONLY										Lab I.D. <i>H8756-1</i> <i>4 WALL Comp</i> <i>-2</i> <i>Batt Comp at 6' bgs</i> <i>-3</i> <i>RIEMD Backfill</i>									
MATRIX <input type="checkbox"/> SOIL <input type="checkbox"/> WASTEWATER <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> (G)PAB OR (C)OMP.			PRESERV. <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER:			SAMPLING DATE TIME			OTHER: <input type="checkbox"/> OTHER:			Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No							
						<i>5/28/04</i> <i>8:15</i> <i>5/28/04</i> <i>8:05</i> <i>5/28/04</i> <i>8:25</i>			<i>TRH 5015</i> <i>CI</i>										
PLEASE NOTE: Laboratory 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 90 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: Received By: <i>J. Watts</i> Date: <i>6/11/04</i> Date: <i>6/11/04</i> Time: <i>3:42</i> Time: <i> </i> Relinquished By: <i>J. Watts</i> Received By: (Lab Staff) <i>J. Watts</i> Delivered By: (Circle One) <input checked="" type="checkbox"/> Bus <input type="checkbox"/> UPS <input type="checkbox"/> Other:									
Sample Condition Temp. °C Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										Checked By: (Initials)									
Sampler - UPS - Bus - Other:										REMARKS:									

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



LABORATORY TEST REPORT
PETTIGREW & ASSOCIATES, P.A.

1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827



DEBRA P. HICKS, P.E./L.S.I.
WILLIAM M. HICKS, III, P.E./P.S.

To: Rice Operating
Attn: Carolyn Haynes
122 W. Taylor
Hobbs, NM 88240

Material: Red Clay

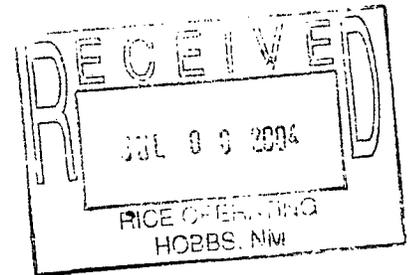
Test Method: ASTM: D 2922

Project: *BD*
B-25

Date of Test: June 22, 2004

Depth: Finished Subgrade

Test No.	Location	Dry Density % Maximum	% Moisture	Depth
SG-1	Pit - 20' E. & 5' S. of the NW Corner	99.4	16.3	



Control Density: 109.5
ASTM: D 698

Optimum Moisture: 16.6

Required Compaction: 95%

Lab No.: 04 7281

Copies To: Rice

PETTIGREW & ASSOCIATES

BY: *[Signature]* S.E.T.

Israel Juarez 505 9613 00