

1R - 427 - 132

REPORTS

DATE:

1 - 26 - 2004

EME 'B' 30 EOL

IR 0427-132

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	'B' 30 EOL	M	30	21S	36E	Lea	Length	Width	Depth
							moved 25 ft east		

LAND TYPE: BLM X STATE FEE LANDOWNER OTHER

Depth to Groundwater 231 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 1/5/2004 Date Completed 1/23/2004 OCD Witness No

Soil Excavated 78 cubic yards Excavation Length 10 Width 15 Depth 14 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 1/7/2004 Sample Depth 14 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SIDEWALLS	0.0	<10.0	<10.0	800
BOTTOM	0.0	<10.0	<10.0	640
REMEDIED	36.7	<10.0	<10.0	1250

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical	4	421
	5	358
	6	569
	7	640
	8	793
	9	973
	10	920
	11	839
	12	599
	13	555
	14	451
4-wall comp.	n/a	508
bottom comp.	14	448
remed. comp.	n/a	964

General Description of Remedial Action: This EOL box was located along the eastern fence of an active production facility. The box was removed and the site was delineated with a backhoe and PID readings and chloride tests were performed regularly. All PID readings were minimal; lab results confirm that TPH concentrations are below NMOCD guidelines. Chloride concentrations exhibited a trend of declination with depth (see graph). The 10 x 15 x 14-ft deep excavation was then backfilled with the excavated soil that was landfarmed on site. The concentrations of chloride and TPH left in place are unlikely to adversely impact groundwater quality under this site.

enclosures: chloride graph, photos, lab results, PID readings

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

DATE 1/26/2004 PRINTED NAME Kristin Farris
SIGNATURE Kristin Farris TITLE Project Scientist

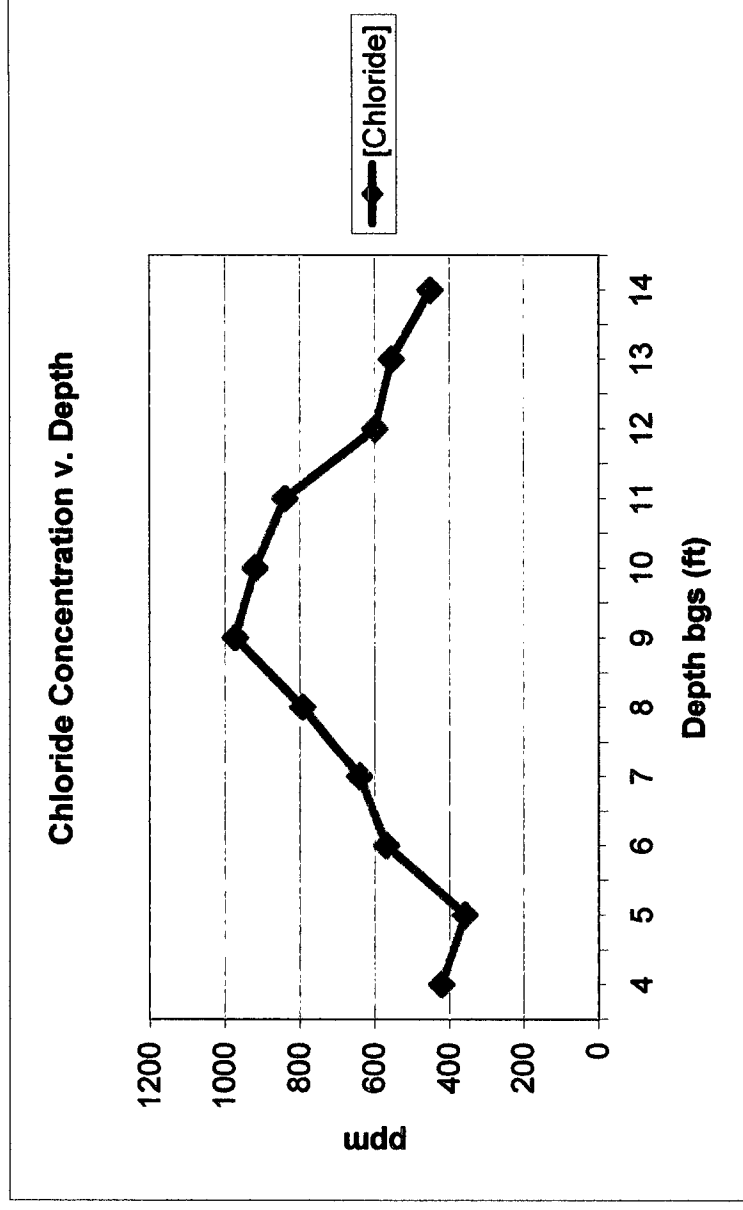
EME 'B' 30 EOL

Unit 'M', Sec. 30, T21S, R36E

Vertical Delineation at Source

Depth bgs (ft)	[Cl ⁻] ppm
4	421
5	358
6	569
7	640
8	793
9	973
10	920
11	839
12	599
13	555
14	451

Groundwater = 231 ft



EME 'B' 30 EOL



Undisturbed Junction Box (looking North) 11/18/2003



Excavation & Delineation Jan. 2003



Excavation & Delineation Jan. 2003



Backfilled Excavation with New Junction Box 25 ft East 1/23/2004



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

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

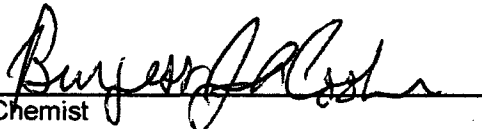
Receiving Date: 01/07/04
Reporting Date: 01/08/04
Project Number: NOT GIVEN
Project Name: BURGANDY L.H. B-30 EOL
Project Location: LEA CO., NM

Sampling Date: 01/07/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
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		01/07/04	01/07/04	01/08/04
H8339-1	BOTTOM 14' COMP	<10.0	<10.0	640
H8339-2	4 WALL COMP	<10.0	<10.0	800
H8339-3	REMEDIATED BACKFILL	<10.0	<10.0	1250
Quality Control		751	738	1010
True Value QC		800	800	1000
% Recovery		93.8	92.3	101
Relative Percent Difference		6.0	3.1	7.0

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

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


Chemist


Date

H8339.XLS

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 client for 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 thirty (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.

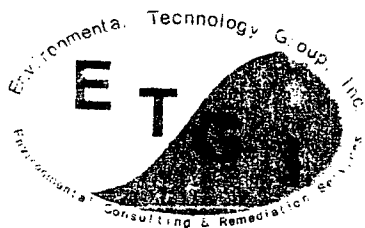


2111 Beechwood, Allene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2470

Page of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RICE Operating Company		P.O. #		ANALYSIS REQUEST	
Project Manager: Kristin Farris		Company: RICE			
Address: 122 W. Taylor		City: Atlanta		LAB ID Sample ID Matrix Preserv Sampling	
City: Atlanta		State: GA			
Phone #: 313-9174		Fax #: 397-1971		DATE TIME ANALYST LABORATORY	
Project Name: Burgundy L.H. 3-30 EOL		Project Location: CE			
Sample Name: CE		Project Owner: CE		DATE TIME ANALYST LABORATORY	
Sample Location: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	
Sample Matrix: CE		City: Atlanta			
Sample Matrix: CE		State: GA		DATE TIME ANALYST LABORATORY	



ENVIRONMENTAL TECHNOLOGY GROUP, INC.

2540 WEST MARLAND

HOBBS, NEW MEXICO 88240

PHONE: (505) 397-4882 FAX: (505) 397-4701

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S

SERIAL NO: 103999

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE

AIR

100 PPM

BALANCE

LOT NO: 67421

FILL DATE: 1-7-04

EXP. DATE: 1-1-04

ACCURACY: 100ppm ± 2%

METER READING

ACCURACY: 100.6

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	↓	M	30	21	36

Burgundy Lockhart B-30 EOL

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Composite		Bottom 14'	
Simple's		Comp	0.0
5' North	20.1	4 Wall	
		Comp	0.0
10' South	0.0		
		Remediated	
5' West	0.0	Beckfill	36.7
5' East	0.0		

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

Gay Karl
Signature

Field Tech
Title

1-7-04
Date