

1R - 427-17

# REPORTS

DATE:

12-30-03

TME Sarah Phillips EOL

1R0427-17

# 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
EME	Sarah Phillips EOL	K	33	19S	37E	Lea	Box Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Sarah Phillips OTHER \_\_\_\_\_

Depth to Groundwater 33 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20 \*  
 \* A water well is located 1192 ft east of this site

Date Started 11/3/2003 Date Completed 11/5/2003 OCD Witness No

Soil Excavated 300 cubic yards Excavation Length 30 Width 30 Depth 12 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 11/5/2003 Sample Depth 12 ft bgs

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
Vertical @ 12 ft	0.0	<10.0	<10.0	4880

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

General Description of Remedial Action: This EOL box is located next to an inactive production battery that has been dismantled. Delineation with a backhoe yielded elevated chloride concentrations that did not decline with depth. All PID readings were 0.0 ppm and lab results confirmed that TPH concentrations are well below guidelines. The excavation produced no lateral or vertical declines in chloride concentrations so the hole was backfilled and the box is identified with a marker for further consideration at a later date. A new box is not required here as the adjoining battery has been abandoned and dismantled. The surrounding surface has healthy vegetation. There is a monitor well 170 ft southwest of this site that ROC installed due to groundwater impact discovered during a junction box delineation. The final remediation of these two sites will be conducted together. ROC will continue to monitor the groundwater quality at the K-33-1 monitor well (analysis is enclosed).

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH (ft)	ppm
Vertical	6	916
	7	862
	8	1398
	9	2434
	10	2316
	11	2264
	12	2554
	13	2434
	14	3441

**ADDITIONAL EVALUATION IS LOW PRIORITY.**

enclosures: chloride graph, PID reading, photos, lab results, monitor well water analysis table

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

DATE 12/30/03 PRINTED NAME Kristin Farris

SIGNATURE Kristin Farris TITLE Project Scientist

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

## EME Sarah Phillips EOL



Box Site Without Lumber; Prior to Excavation 10/22/2003



Close-up of Site Prior to Excavation



Excavation 11/3/2003



Backfilled Excavation with Identification Plate (looking South)

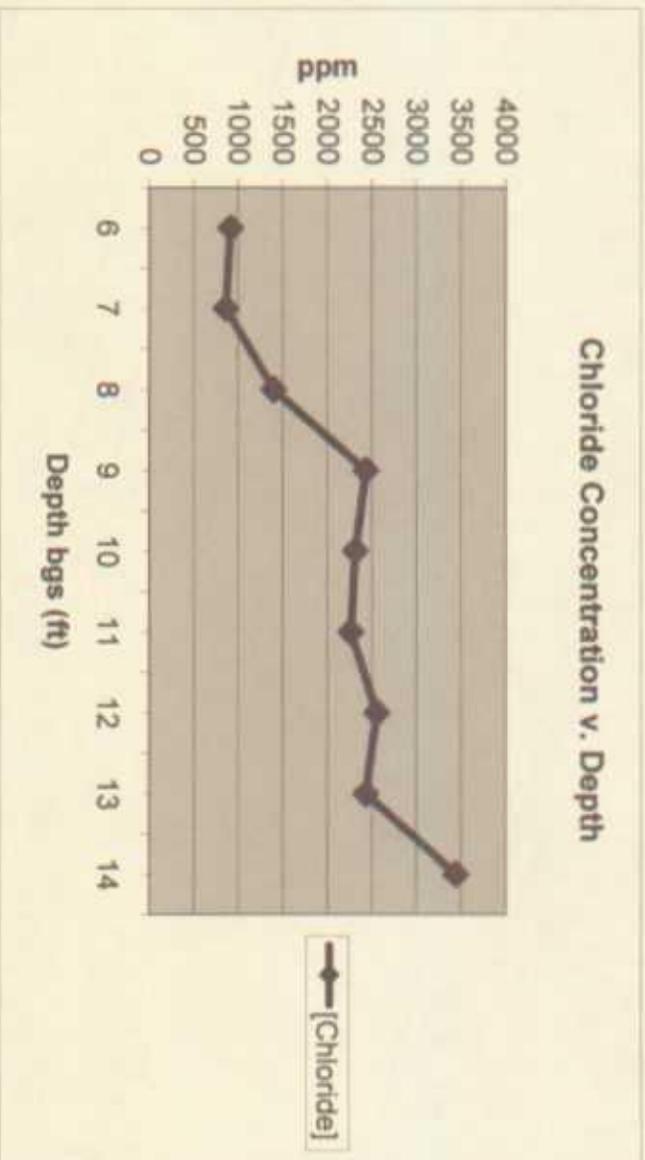
CHLORIDE CONCENTRATION CURVE

EME Sarah Phillips EOL

Unit 'K', Sec. 33, T19S, R37E

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
6	916
7	862
8	1398
9	2434
10	2316
11	2264
12	2554
13	2434
14	3441

Groundwater = 33 ft

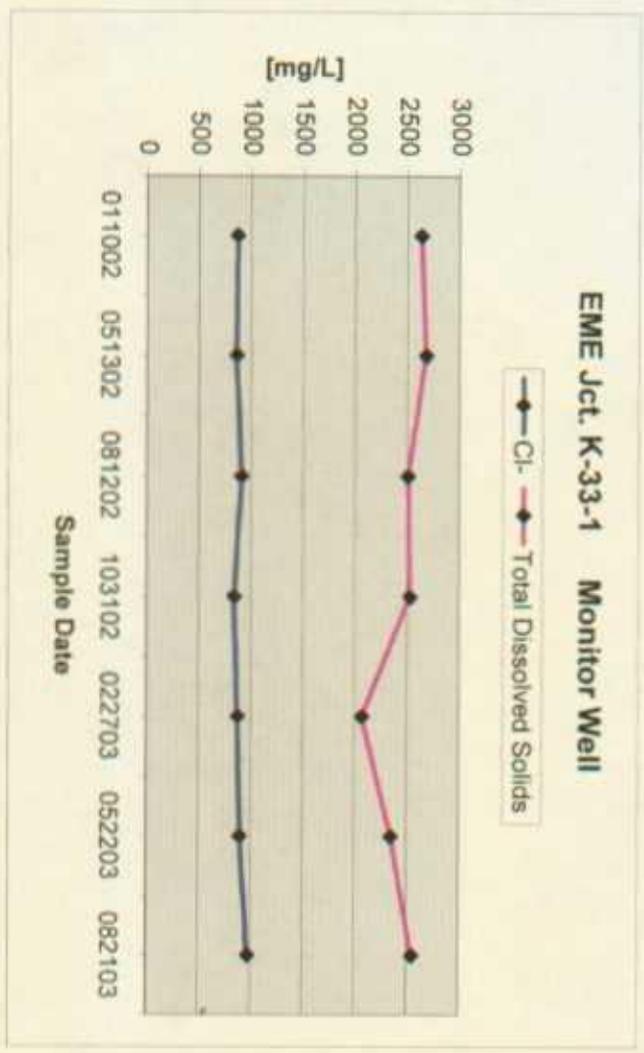


EME Jct. K-33-1  
K. 33-1, 19S, 37E

Rice Operating Co. Monitor Well Data Sheet

All parameter concentrations are in mg/L

MW #	WATER LEVEL * (ft)	TOTAL DEPTH	WELL VOLUME (gal)	VOLUME BAILED	SAMPLE DATE	TIME	CL-	TDS	BENZENE	TOLUENE	BENZENE	ETHYL BENZENE	TOTAL XYLENES
1	36.90	41.00	0.700	2.00	011002	1140	872	2635	<0.002	<0.002	<0.002	<0.002	<0.006
1	36.88	40.78	0.624	2.90	051302	1010	860	2680	<0.001	<0.001	<0.001	<0.001	<0.001
1	37.20	40.79	0.574	1.75	081202	1200	913	2510	<0.001	<0.001	<0.001	<0.001	<0.001
1	37.11	40.77	0.586	1.75	103102	1315	842	2530	<0.001	<0.001	<0.001	<0.001	<0.001
1	37.10	40.77	0.580	1.70	022703	1500	877	2070	<0.001	<0.001	<0.001	0.001	<0.001
1	31.10	41.20	1.616	4.80	052203	1314	904	2350	<0.001	<0.001	<0.001	<0.001	<0.001
1	37.29	40.04	0.440	1.32	082103	1206	975	2550	<0.001	<0.001	<0.001	<0.001	<0.001
1	37.40	40.78	0.540	1.60	111903	1500	869	2470	<0.001	<0.001	<0.001	<0.001	<0.001



\* Depth to water is measured from the top of the casing  
Casing is 3.021 ft



# ARDINAL LABORATORIES

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

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

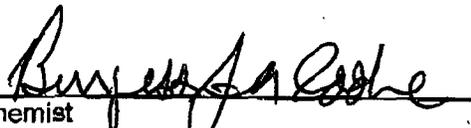
ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: KRISTIN FARRIS  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471

Receiving Date: 11/05/03  
Reporting Date: 11/07/03  
Project Number: NOT GIVEN  
Project Name: SARAH PHILLIPS  
Project Location: LEA CO., NM

Sampling Date: 11/05/03  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC/AH

LAB NUMBER SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE	11/05/03	11/05/03	11/06/03
H8145-1 BOTTOM 12'	<10.0	<10.0	4880
Quality Control	779	818	950
True Value QC	800	800	1000
% Recovery	97.4	102	95.0
Relative Percent Difference	1.5	1.1	6.9

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

11/7/03  
Date

### H8145 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.



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ETGI Jet bor Final Report

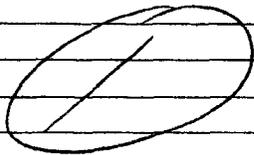
SITE EXCAVATION INFORMATION

Sarah Phillips

DATE DEPTH CL PID TPH SOIL COMPOSITION

DATE	DEPTH	CL	PID	TPH	SOIL COMPOSITION
11-3-03	6'	916			no odor light brown sand
	7'	862			
	8'	1398			
	9'	2434			white calcite
	10'	2316			
	11'	2264			
	12'	2554	0.0		
	13'	2434	0.0		
	14'	3441	0.0		

Vertical dig 14' N ↑  
at source



North ↑  
at source

8" PVC line

