

1R - 427-309

REPORTS

DATE:

5-13-09

**EME Jct D-15
2009**

1R427-309

RECEIVED

APR - 6 2010
Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. D-15	D	15	21S	36E	Lea	eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 195 feet NMOCD SITE ASSESSMENT RANKING SCORE: *20

Date Started 1/13/2009 Date Completed 2/25/2009 OCD Witness no

Soil Excavated 389 cubic yards Excavation Length 35 Width 25 Depth 12 feet

Soil Disposed 96 cubic yards Offsite Facility Sundance Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date 2/17/2009 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of 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 (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	2.8	<10.0	<10.0	160
BOTTOM COMP.	0.2	<10.0	39.9	352
BLENDED BACKFILL	4.4	<10.0	21.9	96

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	240
bottom comp.	12'	420
blended backfill	n/a	150
background	6"	90
vertical delineation trench at 15 ft North of the junction (source)	1'	264
	2'	348
	3'	335
	4'	420
	5'	461
	6'	397
	7'	224
	8'	506
	9'	586
	10'	511
11'	365	
12'	336	

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 producing a 35x25x12-ft-deep excavation. Chloride field tests were performed on each sample, which yielded generally low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The excavated soil was blended on site with clean, imported soil. Representative composite samples were collected from the excavation walls, bottom, and blended excavated soil. Laboratory analysis of the representative samples confirmed low concentrations. The blended excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 2/25/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*A windmill is located 580 ft west 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 *Eric Garrison* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 5-13-09

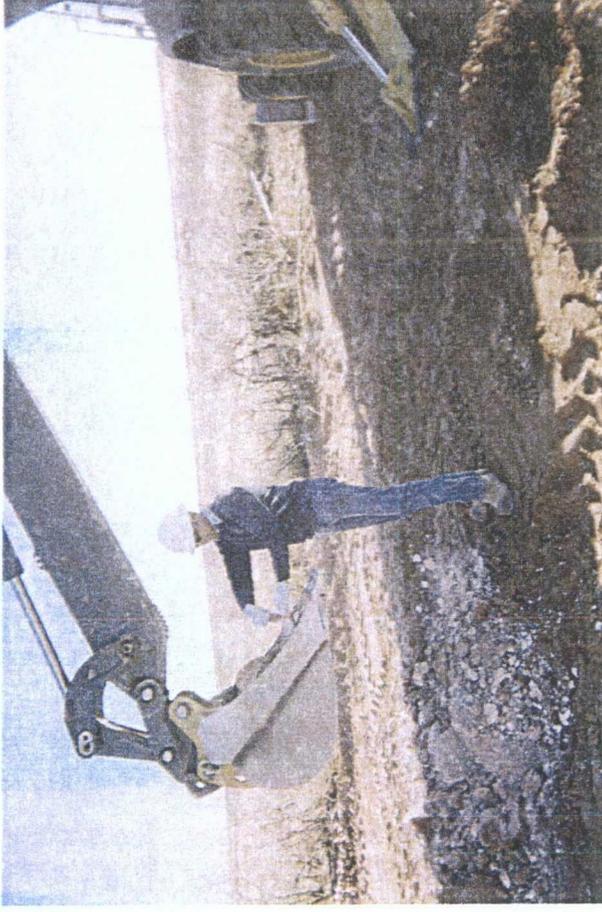
EME Jct. D-15

Unit D, Section 15, T21S, R36E



site prior to excavation, facing north

1/13/2009



collecting a soil sample, facing east

1/19/2009



final 35x25x12-ft excavation, facing west

2/24/2009



seeding backfilled site, facing north

2/25/2009



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: 02/17/09
 Reporting Date: 05/07/09**
 Project Number: NOT GIVEN
 Project Name: EME JCT D-15
 Project Location: EME JCT D-15

COPY

Sampling Date: 02/17/09
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: AB/HM

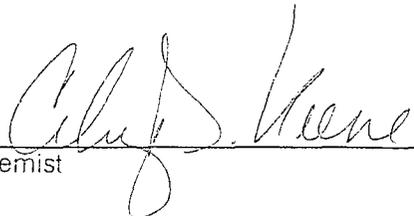
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)

ANALYSIS DATE	02/19/09	02/19/09	02/19/09
H16914-1 5 PT BTM COMP @ 12'	<10.0	39.9	352
H16914-2 4 WALL COMP @ 25'x35'	<10.0	<10.0	160
H16914-3 BLENDED BACKFILL SOUTH PILE**	<10.0	21.9	96
Quality Control	546	593	500
True Value QC	500	500	500
% Recovery	109	119	100
Relative Percent Difference	4.3	3.2	2.0

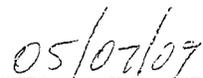
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

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

**Revised Report.



 Chemist



 Date

H16914 TCL RICE

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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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

Company Name: Rice Operating
 Project Manager: Eric Garrison
 Address: 122 W Taylor State: NM Zip: 88240
 City: Hobbs Phone #: 393-9174 Fax #: (575) 397-1971
 Project #: Project Owner:
 Project Name: EME US D-15
 Project Location: EME US D-15
 Sampler Name: Eric Garrison

BILL TO

P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)FAB OR (COM)P	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME
H109141	SFT BOTTOM COMP @ 12'	C	1	WASTEWATER	ICE/COOL		2-17-09	8:50
3	4 WALL COMP @ 15.35'	C	1	SOIL	OTHER		2-17-09	10:00
3	blended DUGS FILL @ Pile	C	1	SOIL	OTHER		2-17-09	11:00
	South							
	ck 5/1/09							

COPY

8015m TP#
 X X X
 C C C

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 2 1/4% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Received By: Eric Garrison Date: 2-17-09 Time: 4:35
 Received By: Date: Time:
 Phone Result: No Add'l Phone #:
 Fax Result: No Add'l Fax #:
 REMARKS:

Results
 B Baker@riceswd.com
 J Paulis@riceswd.com
 * Joe called and #3 sample name needs to be "South", ck 5/1/09

Delivered By: (Circle One)
 Temp.
 Sample Condition: Cool Yes No Intact Yes No
 Checked By: (Initials)
 * Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

CHLORIDE CONCENTRATION CURVE

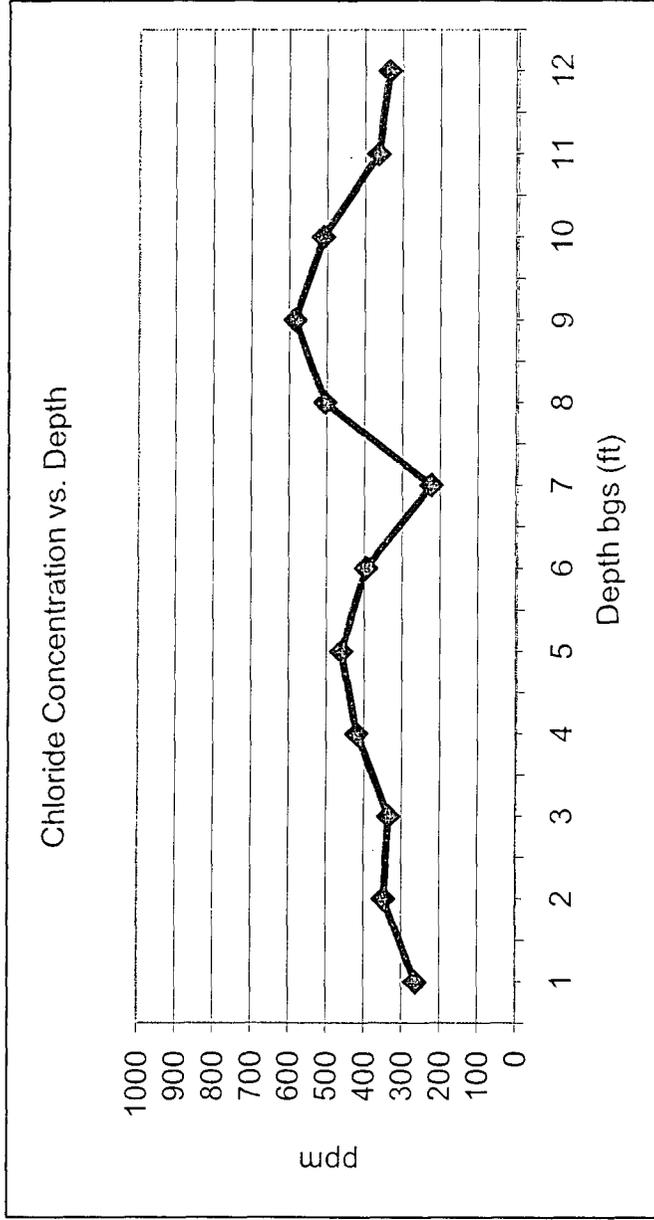
RICE Operating Company

EME Jct. D-15

Unit 'D', Sec. 15, T21S, R36E

Backhoe samples at 15 ft North of the junction (source)

Depth bgs (ft)	Cl ⁻ , ppm
1	264
2	348
3	335
4	420
5	461
6	397
7	224
8	506
9	586
10	511
11	365
12	336



Groundwater = 195 ft