

1R - 427-253

REPORTS

DATE:

01/11-20-08

EME Jct H-8

1R427-253

RECEIVED

MAR 25 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

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. H-8	H	8	21S	36E	Lea	eliminated		

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

Depth to Groundwater 184 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 11/4/2008 Date Completed 11/7/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/4/2008 Sample Depth 12 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 12' GRAB	1.1	<10.0	150	<16

LOCATION	DEPTH	mg/kg
background	6"	147
vertical delineation trench at the junction (source)	7'	453
	8'	363
	9'	259
	10'	238
	11'	170
	12'	150

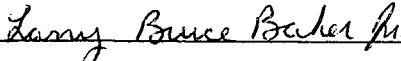
General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep excavation. Chloride field tests performed on each sample yielded some elevated concentrations that decreased with depth to low concentrations similar to that of the background sample. Organic vapors measured with a PID also yielded low concentrations. The deepest sample, 12 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 11/7/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, PID (field) screening, chloride curve

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 1-20-09

EME Jct. H-8

Unit H, Section 8, T21S, R36E



site prior to excavation, facing north

11/4/2008



final excavation, facing east

11/6/2008



collecting a soil sample, facing west

11/4/2008



seeding backfilled site, facing northeast

11/7/2008

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

COPY

Receiving Date: 11/04/08
Reporting Date: 11/06/08
Project Number: NOT GIVEN
Project Name: EME JCT H-8
Project Location: EME JCT H-8

Sampling Date: 11/04/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	
ANALYSIS DATE		11/06/08	11/06/08	11/05/08
H16266-1	SOURCE BTM GRAB @ 12 FT	<10.0	150	< 16
Quality Control		590	505	490
True Value QC		500	500	500
% Recovery		118	101	98.0
Relative Percent Difference		8.8	3.1	2.0

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

*Analysis performed on a 1:4 w:v aqueous extract.

Chemist

Date _____

H16266 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.

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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.	
MODEL	
NO.	✓

MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 03-3425	EXPIRATION DATE: 8-29-09
FILL DATE: 2-29-09	METER READING ACCURACY: 100

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EMC	H-8	H	8	215	36E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	0.0
7'	4.4		
8'	0.0		
9'	2.2		
10'	2.3		
11'	0.4		
12'	1.1		

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

SIGNATURE:

Jordan Wood

DATE: 11-4-09

CHLORIDE CONCENTRATION CURVE

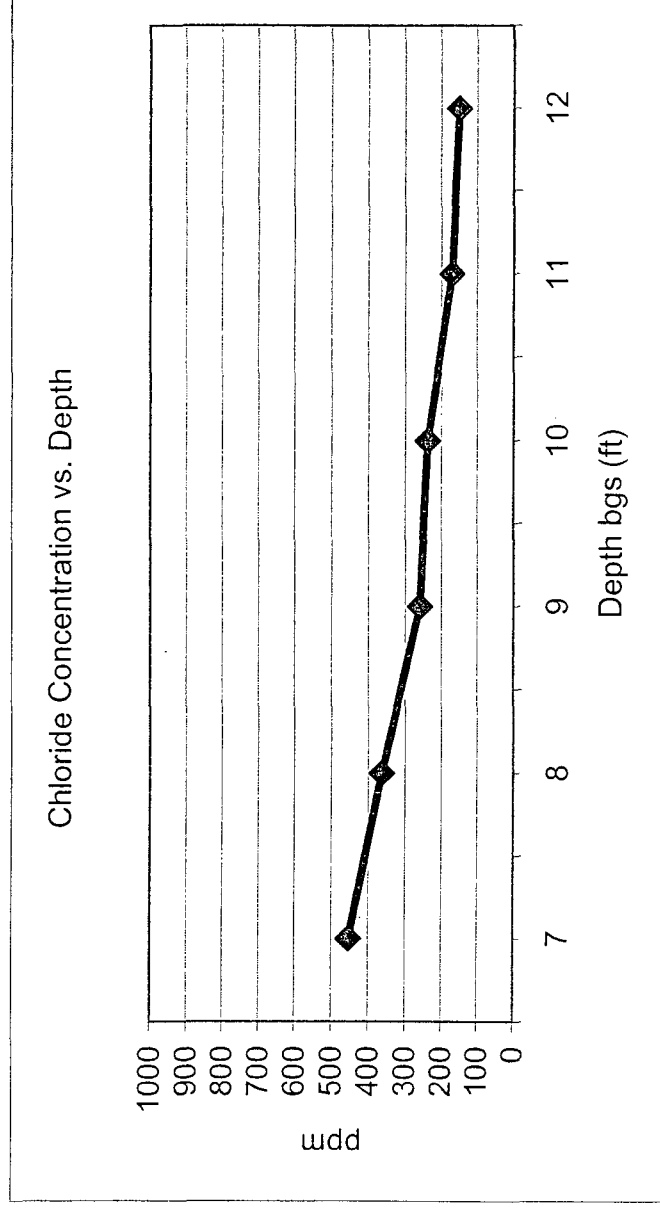
RICE Operating Company

EME Jct. H-8

Unit 'H', Sec. 8, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
7	453
8	363
9	259
10	238
11	170
12	150



Groundwater = 184 ft