

1R - 427-274

REPORTS

DATE:

1-18-09

EME Jct J-20

1R427-274

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. J-20	J	20	21S	36E	Lea	eliminated		

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

Depth to Groundwater 180 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 10/13/2008 Date Completed 10/13/2008 OCD Witness no

Soil Excavated 4 cubic yards Excavation Length 3 Width 5 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/13/2008 Sample Depth 8 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 8' GRAB	0.0	<10.0	<10.0	<16

LOCATION	DEPTH	mg/kg
background	6"	112
vertical delineation trench at the junction (source)	5'	146
	6'	144
	7'	119
	8'	91

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 5x3x8-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background sample. Organic vapors measured with a PID also yielded low concentrations. The deepest sample, 8 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 10/22/2008, 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 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 1-16-09

EME Jct. J-20

Unit J, Section 20, T21S, R36E



excavating at former junction site, facing west

10/13/2008



collecting a soil sample, facing west

10/13/2008



backfilling excavation, facing east

10/13/2008



seeding backfilled site, facing north

10/22/2008



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

OCT 21 2008
 HOBBS, NM

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

Receiving Date: 10/13/08
 Reporting Date: 10/16/08
 Project Number: NOT GIVEN
 Project Name: EME J-20
 Project Location: EME J-20

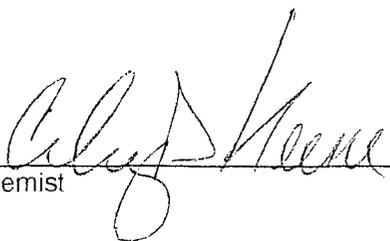
Sampling Date: 10/13/08
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: AB/HM

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		10/15/08	10/15/08	10/14/08
H16105-1	SOURCE BTTM GRAB @ 8'	<10.0	<10.0	<16
Quality Control		580	521	500
True Value QC		500	500	500
% Recovery		116	104	100
Relative Percent Difference		8.9	3.6	<0.1

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

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


 Chemist


 Date

H16105 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: <u>RICE OPERATING</u> Project Manager: <u>ERIC GARRISON</u>		BILL TO P.O. #:		ANALYSIS REQUEST															
Address: <u>132 W. Taylor</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>575-9174</u> Fax #: <u>575-397-1471</u>		Company: <u>SAME</u> Attn: Adc: City: State: Phone #: Fax #:		<div style="text-align: center; font-size: 48px; opacity: 0.5;">COPY</div>															
Project #: Project Name: <u>EME J-20</u> Project Location: <u>EME J-20</u> Sampler Name: <u>ERIC GARRISON</u>		Project Owner:																	
FOR USE ONLY		MATRIX <input type="checkbox"/> WASTEWATER <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER:		PRESERV. <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE/COOL <input type="checkbox"/> OTHER:		SAMPLING DATE <u>10-13-08</u> TIME <u>13:15</u> DATE <u>10-13-08</u> TIME <u>13:15</u>													
Lab I.D.: <u>110105-1</u> <u>Source: 81m6 Lab 01</u>		Sample I.D.:																	
Date: <u>10-13-08</u> Time: <u>4:25</u>		Received By: <u>[Signature]</u>																	
Relinquished By: <u>[Signature]</u>		Received By: <u>[Signature]</u>																	
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other:		Temp.: <u> </u> Sample Condition: <u> </u> CHECKED BY: <u>[Signature]</u>																	
Phone Result: <input type="checkbox"/> No <input type="checkbox"/> Yes Fax Result: <input type="checkbox"/> No <input type="checkbox"/> Yes REMARKS: <u>RESULTS B Baker @ Rice SWD.com</u> <u>J Purvis @ Rice SWD.com</u>		Phone Result: <input type="checkbox"/> No <input type="checkbox"/> Yes Fax Result: <input type="checkbox"/> No <input type="checkbox"/> Yes REMARKS:																	

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 the client for the analyses. For claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

CHLORIDE CONCENTRATION CURVE

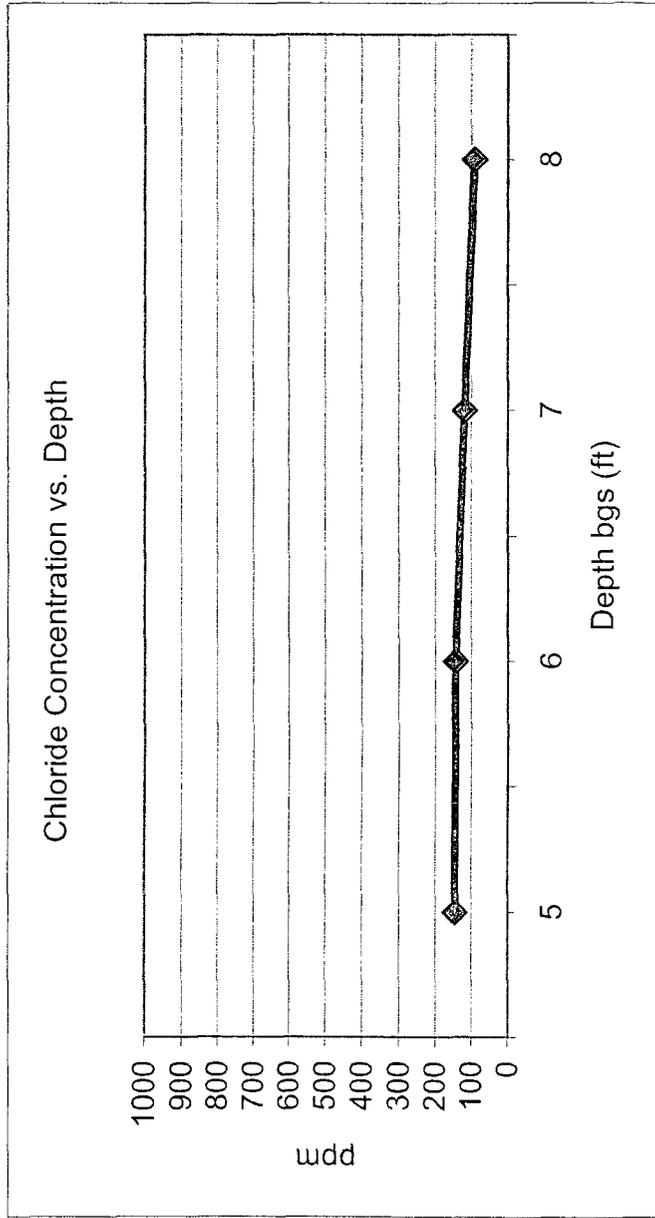
RICE Operating Company

EME Jct. J-20

Unit 'J', Sec. 20, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
5	146
6	144
7	119
8	91



Groundwater = 180 ft