

1R - 427-258

REPORTS

DATE:

01-15-09

EME Jct O-8

1R427-258

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		
Eunice Monument Eumont (EME)	Jct. O-8	O	8	21S	36E	Lea	Length	Width	Depth
							eliminated		

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

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

Date Started 11/3/2008 Date Completed 11/3/2008 OCD Witness no

Soil Excavated 6 cubic yards Excavation Length 5 Width 3 Depth 10 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/3/2008 Sample Depth 10 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 10' GRAB	6.4	<10.0	<10.0	<16

LOCATION	DEPTH	mg/kg
background	6"	149
vertical delineation trench at the junction (source)	6'	124
	7'	116
	8'	150
	9'	145
	10'	147

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 5x3x10-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, 10 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 *Jordan Woodfin* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-15-09

EME Jct. O-8

Unit O, Section 8, T21S, R36E



site prior to excavation, facing west

11/3/2008



collecting a soil sample, facing east

11/3/2008



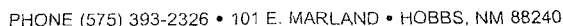
final excavation, facing south

11/3/2008




seeding backfilled site, facing east

11/7/2008



Sampling Date: 11/03/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

COPY


Chemist

11/06/08
Date

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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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: Rice Operating Project Manager:		ANALYSIS REQUEST	
Address: 122 w Taylor City: Hoboken State: NJ Zip: 08040 Phone #: 575-593-9174 Fax #: 575-397-1471		<div style="font-size: 48px; transform: rotate(-45deg); opacity: 0.5;">COPY</div>	
Project #: Project Owner:			
Project Name: EME JCT 0-9			
Project Location: EME JCT 0-9			
Sampler Name: Jordan Woodfin			
Lab I.D. Sample I.D.		P.O. #: Company:	
Attn: Address: City: State: Zip: Phone #: Fax #:		PRESERV SAMPLING	
MATRIX GROUNDWATER SLUDGE WASTEWATER OIL SOIL OTHER:		ACID/BASE: ICE / COOL OTHER:	
		DATE TIME	
H10259-1 Source btm Grab @ 10ct		11-3-08 12:45p	
(G) RAB OR (C) CMP # CONTAINERS		X X	
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 analysis. All 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 causes of damages.		RELINQUISHED BY: Jordan Woodfin	
		RECEIVED BY: [Signature]	
		DATE: 11-3-08	
		TIME: 4:25	
		DELIVERED BY: (Circle One)	
		UPS - Bus - Other:	
		CHECKED BY: [Signature]	
		SAMPLE CONDITION: Cool/Intact	
		YES/NO	
		REMARKS: Email Results to Bbaker@rice.swid.com CC SPurvis@rice.swid.com CC Jwoodfin@rice.swid.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

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

PID METER CALIBRATION & FIELD REPORT FORM

COPY

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

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 09-3425	EXPIRATION DATE: 8-29-09
FILL DATE: 2-29-03	METER READING ACCURACY: 102

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	0-8	0	8	213	36E

Source

SAMPLE ID	PID	SAMPLE ID	PID
6'	11.4	Background	3.0
7'	7.2		
8'	5.7		
9'	3.7		
10'	6.4		

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

SIGNATURE *Robert Wood*

DATE: 11-3-03

CHLORIDE CONCENTRATION CURVE

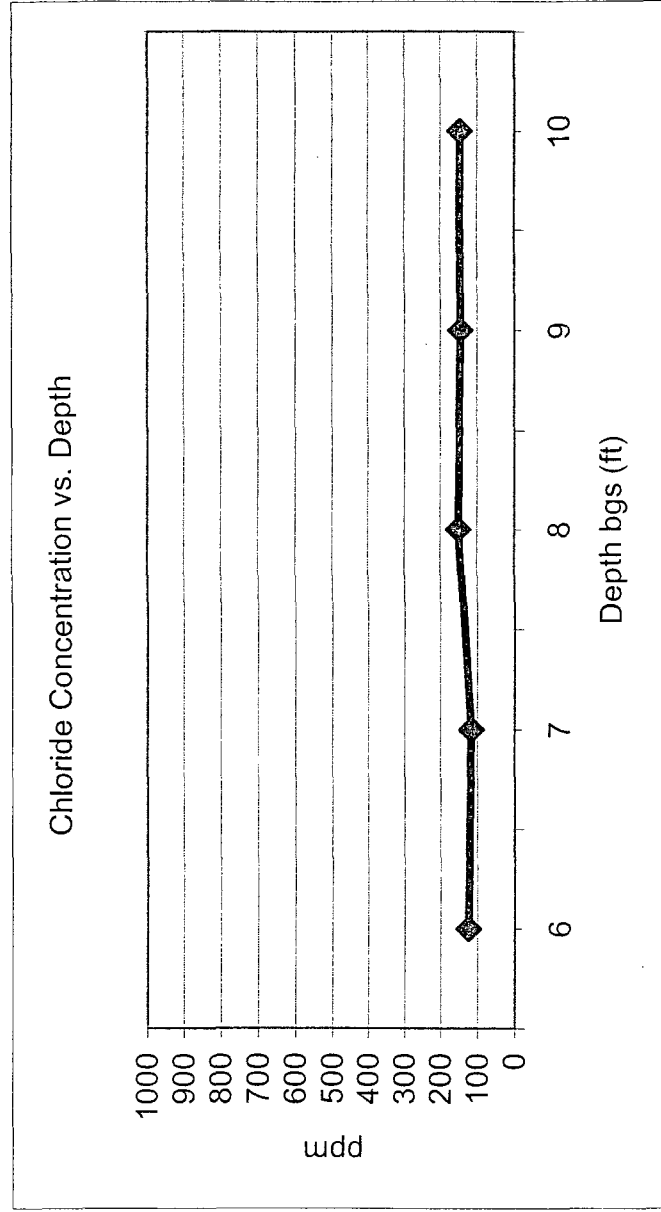
RICE Operating Company

EME Jct. O-8

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

Backhoe samples at the junction (source)

Depth logs (ft)	Cl ppm
6	124
7	116
8	150
9	145
10	147



Groundwater = 184 ft