

1R - 427-270

REPORTS

DATE:

1 - 15 - 09

EME Jct I-8

1R427-270

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. I-8	I	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	2.0	<10.0	<10.0	<16

LOCATION	DEPTH	mg/kg
background	6"	145
vertical delineation trench at the junction (source)	6'	169
	7'	175
	8'	206
	9'	202
	10'	170

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. I-8

Unit I, Section 8, T21S, R36E



excavating at former junction site, facing east

11/3/2008



collecting a soil sample, facing east

11/3/2008



backfilling excavation, facing west

11/3/2008



seeding backfilled site, facing south

11/7/2008

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

COPY

Receiving Date: 11/03/08
Reporting Date: 11/06/08
Project Number: NOT GIVEN
Project Name: EME JCT I-8
Project Location: EME JCT I-8

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

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		11/05/08	11/05/08	11/04/08
H16260-1	SOURCE BTM GRAB @ 10 FT	<10.0	<10.0	< 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

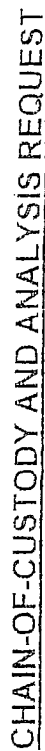
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻: Std. Methods 4500-Cl⁻B

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

Chemist

Date _____

H16260 TCL RICE



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(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: Hobbs State: NM Zip: 88240 Phone #: 575/393-9174 Fax #:		COPY	
Project #: Project Owner: Project Name: EME JET I-3 Project Location: EME JET I-3 Sampler Name: Jordan Woodlin		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
FOR USE ONLY Lab I.D.		REMARKS: Email Results to BBaker@riceswd.com JPurvis@riceswd.com Jwoodlin@riceswd.com	

Lab I.D. H102601 Source bln grab @ 10 ft		Sample I.D.	
Matrix: GROUNDWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER:		Preserv: ACID/BASE <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER:	
# CONTAINERS: 1		DATE TIME: 11-3-03 11:35g	
(G)RAB OR (C)OMP: 0		CHLORIDE <input checked="" type="checkbox"/> TOTAL HARDNESS <input checked="" type="checkbox"/>	

Relinquished By: Jordan Woodlin		Received By: [Signature]	
Date: 11-3-03 Time: 4:25		Date: Time:	
Relinquished By:		Received By:	

Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Checked By: [Signature]	
Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Initials: [Signature]	

† 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

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: 04-3425	EXPIRATION DATE: 8-29-09
FILL DATE: 2-29-03	METER READING ACCURACY: 102

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	I-8	I	8	215	BOE

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	3.9
6'	13.2		
7'	4.2		
8'	6.9		
9'	4.8		
10'	2.0		

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

SIGNATURE:

Jordan Wood

DATE: 11-3-08

CHLORIDE CONCENTRATION CURVE

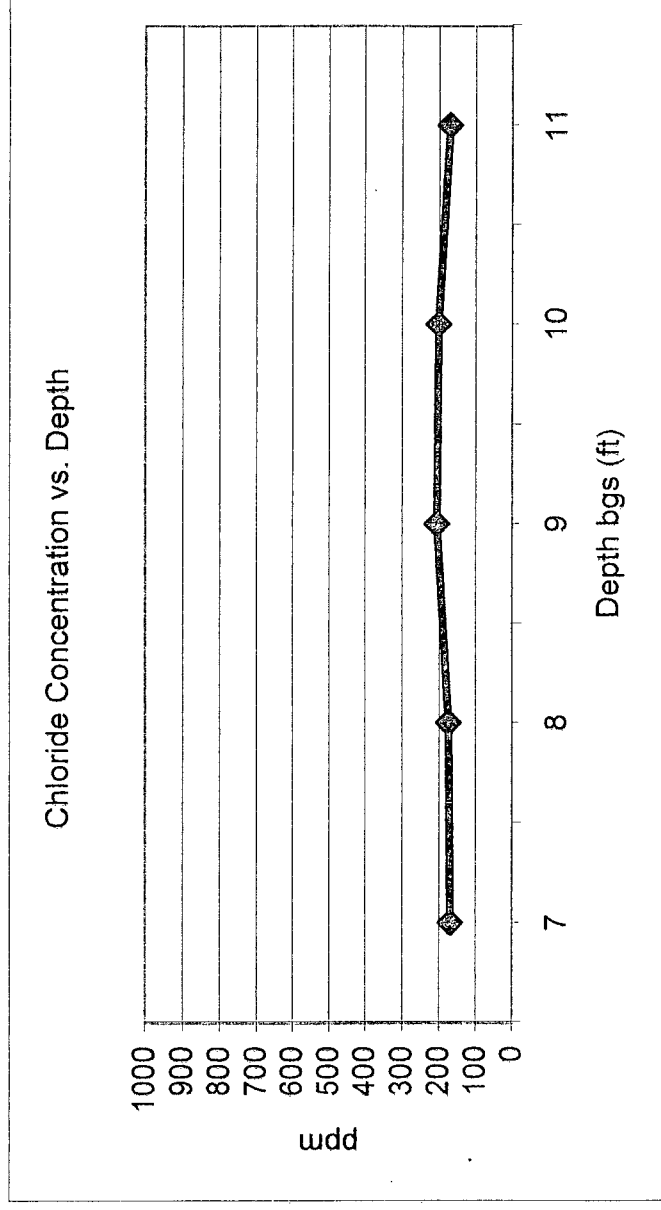
RICE Operating Company

EME Jct. I-8

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

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
7	169
8	175
9	206
10	202
11	170



Groundwater = 184 ft