

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		
Eunice Monument Eumont (EME)	Jct. J-20	J	20	21S	36E	Lea	Length	Width	Depth
							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)	Cl* (mg/kg)
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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; Cl: Std. Methods 4500-ClB

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

Chemist

Date

H16105 TCL RICE

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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

COPY

CK.
MODEL
NO.

✓

MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 110-013676
SERIAL NO: 110-013744
SERIAL NO: 110-12383
SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3363	EXPIRATION DATE: 5-16-08
FILL DATE: 5-16-07	METER READING ACCURACY: 100ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Emg	J-20	J	20	215	36E

Initial source

Background

SAMPLE ID	PID	SAMPLE ID	PID
5'	1.9	6"	0
6'	0.7		
7'	0.2		
8'	0		

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

SIGNATURE:

Eric Gurtner

DATE:

10-13-08

CHLORIDE CONCENTRATION CURVE

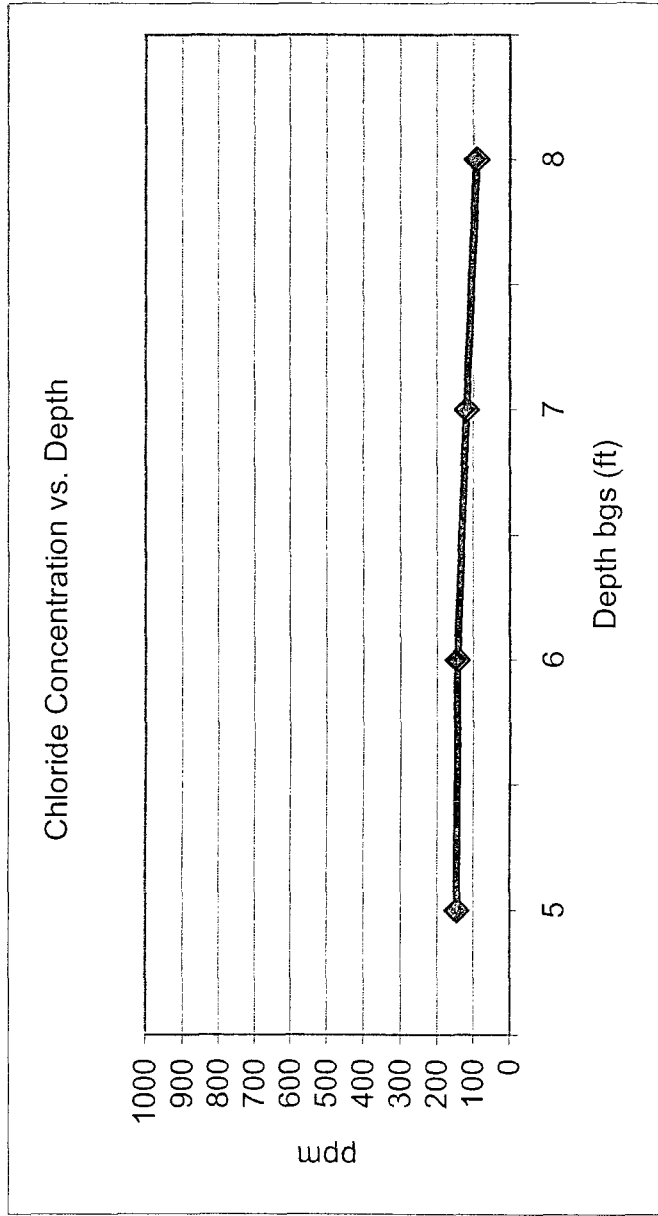
RICE Operating Company

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