

1R - 427-279

REPORTS

DATE:

1-20-09

EME Jct H-16

1R427-289

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. H-16	H	16	21S	36E	Lea	Length	Width	Depth
							eliminated		

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

Depth to Groundwater 195 feet NMOC SITE ASSESSMENT RANKING SCORE: 20*

Date Started 10/20/2008 Date Completed 10/24/2008 OCD Witness no

Soil Excavated 5 cubic yards Excavation Length 3 Width 5 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/20/2008 Sample Depth 9 ft

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOC guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 9' GRAB	0.0	<10.0	<10.0	80

LOCATION	DEPTH	mg/kg
background	6"	87
vertical delineation trench at the junction (source)	5'	119
	6'	115
	7'	89
	8'	117
	9'	114

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 3x5x9-ft-deep excavation. Chloride field test performed on each sample yielded low concentrations, similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 9 ft BGS, was analyzed by a commercial laboratory for chloride and TPH confirming low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 10/24/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*Active windmill 743 ft east.

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 1-20-09

EME Jct. H-16

Unit H, Section 16, T21S, R36E



site prior to excavation, facing south

10/20/2008



collecting a soil sample, facing east

10/20/2008



backfilling excavation, facing east

10/24/2008



seeding backfilled site, facing west

10/24/2008



CARDINAL LABORATORIES

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

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

Receiving Date: 10/20/08
Reporting Date: 10/21/08
Project Number: NOT GIVEN
Project Name: EME JCT H-16
Project Location: EME JCT H-16

Sampling Date: 10/20/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

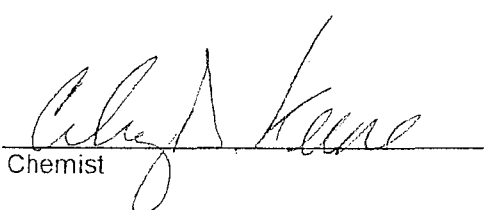
COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
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ANALYSIS DATE	10/21/08	10/21/08	10/21/08
H16147-1 SOURCE BTTM GRAB @ 9'	<10.0	<10.0	80
Quality Control	592	509	500
True Value QC	500	500	500
% Recovery	118	102	100
Relative Percent Difference	3.1	5.9	< 0.1

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

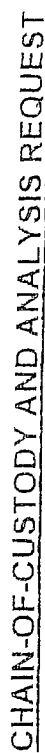
*Analysis performed on a 1:4 w:v aqueous extract.


Chemist


Date

H16147 TCL RICE

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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: ERIC GARRISON Address: 122 W Taylor City: HOUSTON State: TX Zip: 77001 Phone #: 393-9175 Fax #: 397-1471 Project #: _____ Project Owner: _____ Project Name: EMERGENCY Project Location: EMERGENCY Sampler Name: ERIC GARRISON		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
Lab I.D. HL6147-1		Sample I.D. BTM		Date: 10/20/01	
Date: 10/20/01		Time: 4:35		Date: _____	
Relinquished By: [Signature]		Relinquished By: _____		Date: _____	
Received By: [Signature]		Received By: _____		Date: _____	
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

322 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
MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 596-000183
SERIAL NO: 110-013744
SERIAL NO: 110-12383
SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100PPM

ACCURACY: \pm 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	11-16	11	16	21S	36E

Initial Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
5'	0.0	6"	0.0
6'	0.0		
7'	0.0		
8'	0.0		
9'	0.0		

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

SIGNATURE

E. J. Harrison

DATE

10-21-08

CHLORIDE CONCENTRATION CURVE

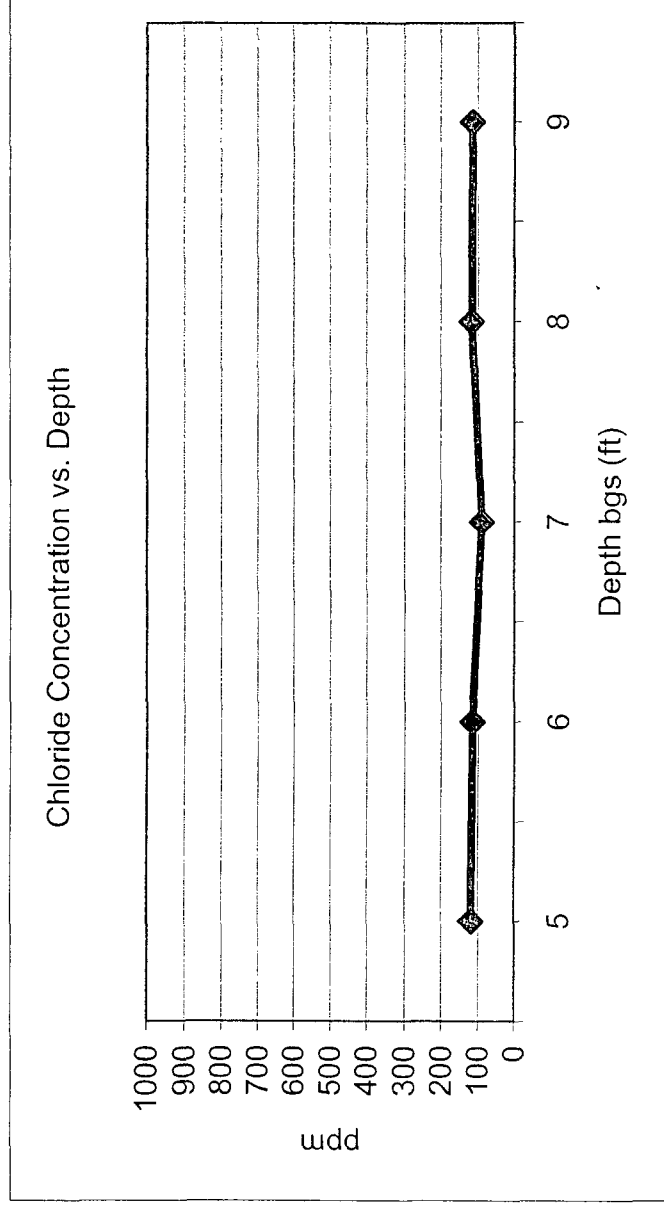
RICE Operating Company

EME Jct. H-16

Unit 'H', Sec. 16, T21S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl] ppm
5	119
6	115
7	89
8	117
9	114



Groundwater = 195 ft