

1R - 427-331

REPORTS

DATE:

8-17-10

1R427-331

EME Jct. O-18-1

2010

RECEIVED

APR - 1 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

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-18-1	O	18	19S	37E	Lea	Length	Width	Depth
							Eliminated		

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

Depth to Groundwater 60 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 2/17/2010 Date Completed 2/17/2010 OCD Witness no

Soil Excavated 3.9 cubic yards Excavation Length 5 Width 3 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/17/2010 Sample Depth 7 ft

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

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 7' GRAB	0.6	<10.0	<10.0	32

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	146
vertical delineation trench at the junction (source)	3'	88
	4'	92
	5'	92
	6'	122
	7'	120

General Description of Remedial Action: This junction box 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 5x3x7-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations. Organic vapors were measured using a PID which also yielded low concentrations. The deepest sample, 7 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 2/26/2010, 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) screenings, 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  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-17-10

EME Jct. O-18-1

Unit O, Section 18, T19S, R37E



Undisturbed Jct. Box

8/28/2003



Delineation trench being excavated

2/17/2010



Sampling the excavation

2/17/2010



Seeding the excavation

2/26/2010



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

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

Receiving Date: 02/17/10
Reporting Date: 02/22/10
Project Number: NOT GIVEN
Project Name: EME JCT O-18-1 19/37
Project Location: EME JCT O-18-1 19/37

Sampling Date: 02/17/10
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)

ANALYSIS DATE	02/19/10	02/19/10	02/18/10
H19291-1 SOURCE GRAB @ 7FT	<10.0	<10.0	32
Quality Control	553	536	500
True Value QC	500	500	500
% Recovery	111	107	100
Relative Percent Difference	8.4	12.1	<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.

Reported on wet weight.

Chemist

Date

H19291 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.



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST											
Company Name: Rice Operating Company															
Project Manager: Bruce Baker															
Address: 122 West Taylor															
City: Hobbs															
Phone #: 575-393-9174															
State: NM Zip: 88240															
Fax #: 575-397-1471															
Project #:															
Project Owner:															
Project Name: EME JCT 0-18-1 19/37															
Project Location: EME JCT 0-18-1 19/37															
Sampler Name: Jordan Woodfin															
OR LAB USE ONLY															
Lab I.D.															
Sample I.D.															
H9291-1 Source Grave 7 ft															
# CONTAINERS															
(G)RAB OR (C)OMP															
GROUNDWATER															
WASTEWATER															
SOIL															
OIL															
SLUDGE															
OTHER:															
ACID/BASE:															
ICE/COOL															
OTHER:															
PRESERV															
SAMPLING															
DATE															
TIME															
2-17-10															
1:08pm															
Chlorides															
TPH 8015 M															
BTEX															
Texas TPH															

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Relinquished By: Jordan Woodfin Date: 2-17-10 Time: 3:40
Received By: Jodi Benson Date: 2-17-10 Time: 3:40
Delivered By: (Circle One) Jodi Benson
Sampler - UPS - Bus - Other: Jodi Benson

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS: email results jwoodfin@riceswd.com; jpurvis@riceswd.com bbaker@riceswd.com

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

NEED SAMPLES BACK, PLEASE

#26

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (575) 393-9174 FAX: (575) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

X

Model: PGM 7300 Serial No: 590-000183
 Model: PGM 7300 Serial No: 590-000508
 Model: PGM 7300 Serial No: 590-000504

Model: PGM 7600 Serial No: 110-023920
 Model: PGM 7600 Serial No: 110-013744
 Model: PGM 7600 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924503	EXPIRATION DATE: 7/5/12
FILL DATE: 7-1-09	METER READING ACCURACY: 99.3

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	0-18-1	0	18	195	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
3'	1.3	6e"	0
4'	6.5		
5'	1.0		
6'	1.3		
7'	0.6		

COPY

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

SIGNATURE: 

DATE: 7-17-10

CHLORIDE CONCENTRATION CURVE

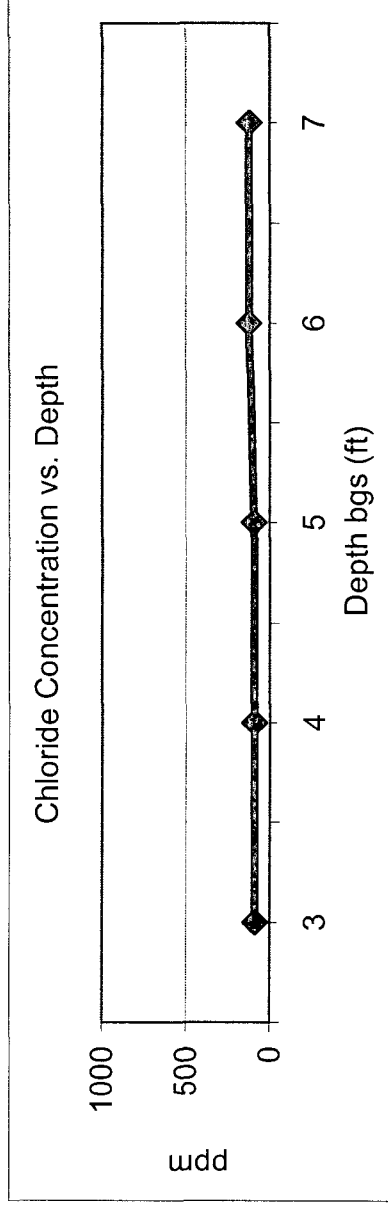
RICE Operating Company

EME Jct. O-18-1

Unit 'O', Sec. 18, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
3	88
4	92
5	92
6	122
7	120



Groundwater = 60 ft