

1R - 427-246

REPORTS

DATE:

8-28-08

EME Finley McQuarter EOL

1R427-248

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		
							Length 5	Width 4	Depth 7
Eunice Monument Eumont (EME)	Finley McQuarter EOL	G	11	21S	36E	Lea	moved 38 ft north		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Dasco Land Corp OTHER _____

Depth to Groundwater 200 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 6/5/2008 Date Completed 6/5/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/5/2008 Sample Depth 12 ft

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

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SOURCE 12' GRAB	<0.010	<0.010	0.048	0.157	249	898	160

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade program. A new, watertight junction box was built 38 ft north of the former. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded low concentrations similar to that of the background levels. Organic vapors were also measured using a PID. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was blended on-site and returned to the excavation to ground surface and contoured to the surrounding area.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
vertical delineation trench at the junction (source)	background	52
	1'	112
	2'	154
	3'	104
	4'	84
	5'	189
	6'	159
	7'	246
	8'	222
	9'	181
	10'	208
	11'	191
12'	222	

enclosures: photos, lab results, PID screenings, chloride curve

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REPORT ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY
 SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.
 DATE 8-28-08 TITLE PROJECT LEADER

EME Finley McQuarter EOL

Unit G, Section 11, T21S, R36E



source vertical being excavated, facing southwest

6/5/2008



delineation trench at former junction site, facing south

6/5/2008



backfilling excavation, facing east

6/5/2008



new, waternight junction box

6/20/2008



COPY

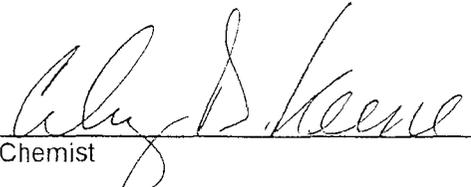
ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: BRUCE BAKER
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (575) 397-1471

Receiving Date: 06/06/08
 Reporting Date: 06/10/08
 Project Owner: NOT GIVEN
 Project Name: EME FINLEY McQUARTERS EOL
 Project Location: EME FINLEY McQUARTERS EOL

Sampling Date: 06/05/08
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: CK/AB

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		06/09/08	06/09/08	06/06/08
H14939-1	SOURCE 12' GRAB	249	898	160
Quality Control		567	546	500
True Value QC		500	500	500
% Recovery		113	109	100
Relative Percent Difference		2.1	5.7	2.0

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

H14939TCL RICE



ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: BRUCE BAKER
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (575) 397-1471

COPY

Receiving Date: 06/06/08
 Reporting Date: 06/10/08
 Project Owner: NOT GIVEN
 Project Name: EME FINLEY McQUARTERS EOL
 Project Location: EME FINLEY McQUARTERS EOL

Sampling Date: 06/05/08
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: CK

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		06/06/08	06/06/08	06/06/08	06/06/08
H14939-1	SOURCE 12' GRAB	<0.010	<0.010	0.048	0.157
Quality Control		0.047	0.052	0.058	0.170
True Value QC		0.050	0.050	0.050	0.150
% Recovery		93.5	105	115	113
Relative Percent Difference		2.6	7.3	5.5	4.1

METHOD: EPA SW-846 8260B

RECEIVED

JUN 11 2008

RICE OPERATING
 HOBBS, NM

Cheryl S. Kene

 Chemist

06/10/08

 Date

H14939B 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.	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>07-8353</u>	EXPIRATION DATE: <u>4/12/09</u>
FILL DATE: <u>10/12/07</u>	METER READING ACCURACY: <u>101ppm</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Finley McQuarters	G	11	21S	36E

Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
1'	0	6"	42.1
2'	0		
3'	0		
4'	183		
5'	127		
6'	469		
7'	634		
8'	548		
9'	330		
10'	364		
11'	187		
12'	290		

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

SIGNATURE: Bruce Baker

DATE: 6-5-08

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME Finley McQuarter EOL

Unit 'G', Sec. 11, T21S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
1	112
2	154
3	104
4	84
5	189
6	159
7	246
8	222
9	181
10	208
11	191
12	222

Groundwater = 200 ft

