

1R - 427-355

REPORTS

DATE:

2-24-11

1R427-355

EME A-16 EOL

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)	A-16 EOL	A	16	21S	36E	Lea	Length	Width	Depth
							Eliminated		

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

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

Date Started 6/25/2010 Date Completed 9/27/2010 OCD Witness No

Soil Excavated 6.7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

Soil Disposed 12 cubic yards Offsite Facility Sundance Services, Inc. Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date 9/10/2010 Sample Depth 12 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 12' GRAB	3.8	<10.0	<10	16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	57
vertical delineation trench at the junction (source)	2'	57
	3'	54
	4'	57
	5'	61
	6'	62
	7'	92
	8'	118
	9'	86
	10'	85
	11'	141
	12'	170

General Description of Remedial Action: This junction and line were eliminated under 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, creating a 5x3x12-ft. Excavation. Chloride field tests were performed on each sample, which yielded low concentrations of chloride similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 9/27/2010, site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*Windmill 920 ft. SE

enclosures: photos, lab results, PID (field) screenings, chloride graph

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

SITE SUPERVISOR Robert Egans SIGNATURE *Robert Egans* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL *ZC*

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 2-24-11

EME A-16 EOL

Unit A, Section 16, T21S, R36E



Delineation trench being excavated

6/25/2010



Backfilling trench

9/27/2010



Seeding excavation

9/27/2010



Excavation complete

9/27/2010

Analytical Results For:

 Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 09/10/2010
 Reported: 09/16/2010
 Project Name: EME A-16 EOL 21/36
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/10/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOURCE @12' (H020835-01)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/13/2010	ND	448	112	400	3.51	
TPH 8015M			mg/kg		Analyzed By: AB				
									S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

GRO C6-C10	<10.0	10.0	09/15/2010	ND	196	98.1	200	1.07	
DRO >C10-C28	<10.0	10.0	09/15/2010	ND	167	83.6	200	3.54	

Surrogate: 1-Chlorooctane 84.4 % 70-130

Surrogate: 1-Chlorooctadecane 34.2 % 70-130

COPY

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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:

Model: PGM 7300
Model: PGM 7300
Model: PGM 7300

Serial No: 590-000183
Serial No: 590-000508
Serial No: 590-000504

✓

Model: PGM 7600
Model: PGM 7600
Model: PGM 7600

Serial No: 110-023920
Serial No: 110-013744
Serial No: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>925621</u>	EXPIRATION DATE: <u>9-27-2012</u>
FILL DATE: <u> </u>	METER READING ACCURACY: <u>100ppm</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	A-16	A	16	21	36

SAMPLE ID	PID	SAMPLE ID	PID
SOURCE 7'	10.8		
8'	10.3		
9'	3.6		
10'	4.5		
11'	2.5		
12'	3.8		

COPY

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

SIGNATURE: Rabert Evans

DATE: 9-10-2010

EME A-16 EOL

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

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
2	57
3	54
4	57
5	61
6	62
7	92
8	118
9	86
10	85
11	141
12	170

Groundwater = 195 ft.

