

1R - 427-345

REPORTS

DATE:

3-22-11

1R427-345

EME Jct. I-29-1

2010

RECEIVED

APR - 1 2011

Off Conservation Division
1220 S. St. Francis Drive
Indianapolis, IN 46202

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. I-29-1	I	29	19S	37E	Lea	Length	Width	Depth
							Eliminated		

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

Depth to Groundwater 26 feet NMOC SITE ASSESSMENT RANKING SCORE: 40*

Date Started 5/11/2010 Date Completed 5/24/2010 OCD Witness no

Soil Excavated 6.7 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 5/20/2010 Sample Depth 12 ft.

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

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 12' GRAB	1.2	<10.0	<10.0	<16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	202
vertical delineation trench at the junction (source)	5'	207
	6'	142
	7'	118
	8'	226
	9'	87
	10'	150
	11'	117
	12'	141

General Description of Remedial Action: This junction and line were 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 5X3X12-ft-deep excavation. Chloride field tests 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 with depth.

The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 5/24/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*House located 900 ft. southeast

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 Gerardo Martinez SIGNATURE Gerardo Martinez COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 5-22-11

EME Jct. I-29-1

Unit I, Section 29, T19S, R37E



Site prior to excavation

5/06/2010



Seeding site

5/24/2010



Raking in seed

5/24/2010



Site complete

5/24/2010



ARDINAL LABORATORIES

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

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

Receiving Date: 05/20/10
Reporting Date: 05/21/10
Project Number: NOT GIVEN
Project Name: EME JCT-I-29-1 (19/37)
Project Location: EME JCT-I-29-1 (19/37)

Sampling Date: 05/20/10
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: AB/HM

LAB NUMBER SAMPLE ID

GRO DRO
(C₆-C₁₀) (>C₁₀-C₂₈) CI*
(mg/kg) (mg/kg) (mg/kg)

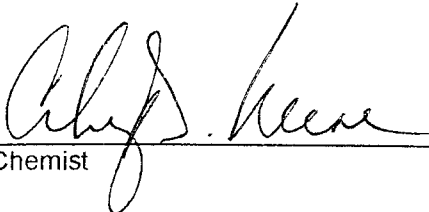
ANALYSIS DATE	05/20/10	05/20/10	05/20/10
H19934-1 SOURCE @ 12'	<10.0	<10.0	16
Quality Control	522	513	500
True Value QC	500	500	500
% Recovery	104	103	100
Relative Percent Difference	0.5	1.0	< 0.1

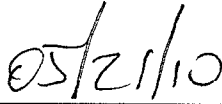
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

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

Reported on wet weight.

COPY


Chemist


Date

H19934 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

CK.
MODEL
NO.

<input checked="" type="checkbox"/>

MODEL: PGM 7300
MODEL: PGM 7300
MODEL: PGM 7320
MODEL: PGM 7300

SERIAL NO: 590-000508
SERIAL NO: 590-000504
SERIAL NO: 592-903318
SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>928547</u>	EXPIRATION DATE: <u>2-4-2013</u>
METER READING ACCURACY: <u>100PPM</u>	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>EME</u>	<u>I-29-1</u>	<u>I</u>	<u>29</u>	<u>19</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>SOURCE @ 10'</u>	<u>3.3</u>		
<u>11'</u>	<u>1.2</u>		
<u>12'</u>	<u>1.2</u>		

COPY

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

SIGNATURE: Gerardo Martinez

DATE: 5-20-10

EME Jct. I-29-1

Unit 'I', Sec. 29, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
5'	207
6'	142
7'	118
8'	226
9'	87
10'	150
11'	117
12'	141

Groundwater = 26 ft

