

1R - 427-329

REPORTS

DATE:

8-19-10

1R427-329

EME Jct. P-20

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	Jct. P-20	P	20	19S	37E	Lea	Length	Width	Depth
							Eliminated		

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

Depth to Groundwater 30 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 4/21/2010 Date Completed 4/21/2010 OCD Witness no

Soil Excavated 5.0 cubic yards Excavation Length 5 Width 3 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 4/21/2010 Sample Depth 9 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 9' GRAB	11.9	<10.0	<10.0	<16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	60
vertical delineation trench at the junction (source)	4'	119
	5'	91
	6'	84
	7'	91
	8'	61
	9'	60

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 5X3X9-ft. deep excavation. Chloride field test performed on each sample yielded low concentrations similar to the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 9 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 5/21/2010, 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 Robert Egans SIGNATURE *Robert Egans* 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 8-19-10

EME Jct. P-20 Unit P, Section 20, T19S, R37E



Site prior to excavation

4/20/2010



Taking sample

4/21/2010



Backfilling excavation

4/21/2010



Seeding excavation

5/21/2010



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: 04/21/10
Reporting Date: 04/22/10
Project Number: NOT GIVEN
Project Name: EME JCT P-20 (19/37)
Project Location: EME JCT P-20 (19/37)

Sampling Date: 04/21/10
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	04/22/10	04/22/10	04/22/10
H19725-1 SOURCE @ 9'	<10.0	<10.0	< 16
Quality Control	524	533	500
True Value QC	500	500	500
% Recovery	105	107	100
Relative Percent Difference	2.5	0.6	< 0.1

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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

H19725 TCL RICE

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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

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: 928167	EXPIRATION DATE: 1-17-2013
FILL DATE:	METER READING ACCURACY: 100ppm

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	P-20	P	20	19	37

SAMPLE ID	PID	SAMPLE ID	PID
Background	2.6	Source 4'	14.4
		5'	17.3
		6'	19.5
		7'	16.6
		8'	7.2
		9'	11.9

COPY

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

SIGNATURE:

Robert Jones

DATE:

4-21-2010

EME Jct. P-20

Unit 'P', Sec. 20, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	119
5	91
6	84
7	91
8	61
9	60

Groundwater = 30 ft.

