

1R - 427-313

REPORTS

DATE:

3-25-10

EME Q-6 EOL
2009

RECEIVED

ADD - 5 2010
Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation DivisionRICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice-Monument-Eumont (EME)	Q-6 EOL	Q	6	21S	36E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER: _____ OTHER _____Depth to Groundwater 135' feet NMOCD SITE ASSESSMENT RANKING SCORE: 0Date Started 10/16/2009 Date Completed 12/21/2009 OCD Witness noSoil Excavated 6.7 cubic yards Excavation Length 5 Width 3 Depth 12 feetSoil Disposed 0 cubic yards Offsite Facility n/a Location n/aFINAL ANALYTICAL RESULTS: Sample Date 12/14/2009 Sample Depth 12'

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	53.7	<10.0	303	160

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
vertical delineation trench at the junction (source)	4'	89
	5'	88
	6'	60
	7'	91
	8'	57
	9'	87
	10'	115
	11'	142
	12'	183

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 5x3x12-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, 12 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 12/21/2009, 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 Noel Carmona SIGNATURE [Signature] COMPANY RICE OPERATING COMPANYREPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBPROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-25-10

EME Q-6 EOL

Unit Q, Section 6, T21S, R37E



photo of EOL facing west

10/16/2009



sampling source (south)

10/16/2009



backfilling (south)

10/16/2009



seeding backfilled site

12/21/2009



CARDINAL LABORATORIES

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: 12/15/09
Reporting Date: 12/17/09
Project Number: NOT GIVEN
Project Name: SOURCE @ 12'
Project Location: EME Q-6

Sampling Date: 12/14/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: CK
Analyzed By: AB/HM

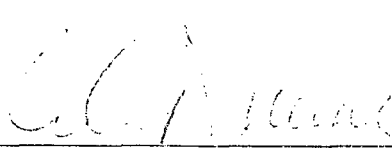
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₈ -C ₁₀)	(>C ₁₀ -C ₂₈)	
		(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	12/16/09	12/16/09	12/15/09
H18875-1 SOURCE @ 12'	<10.0	303	160
Quality Control	462	446	500
True Value QC	500	500	500
% Recovery	92.4	89.2	100
Relative Percent Difference	6.0	13.2	< 0.1

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

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

Reported on wet weight.


Chemist


Date

H18875 TOL 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.

CARDINAL LABORATORIES, INC.

2441 Beachwood, Abilene, TX 79603 101 Ennet Maryland, Hobbs, NM 88240
(325) 673-7901 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2470







[illegible]

Cardinal cannot accept verbal changes. Please fax written changes to (225) 678-1020.

510

COPY

PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:					
	Model: PGM 7300	Serial No: 590-000183		Model: PGM 7600	Serial No: 110-023920
	Model: PGM 7300	Serial No: 590-000508		Model: PGM 7600	Serial No: 110-013744
	Model: PGM 7300	Serial No: 590-000504		Model: PGM 7600	Serial No: 110-013676

LOT NO: 72562	EXPIRATION DATE: 7-31-2016
FILL DATE: 4/10	METER READING ACCURACY: 10% (0.2%)

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
E - E	Q - S	Q	6	21	26

[illegible]

SIGNATURE:

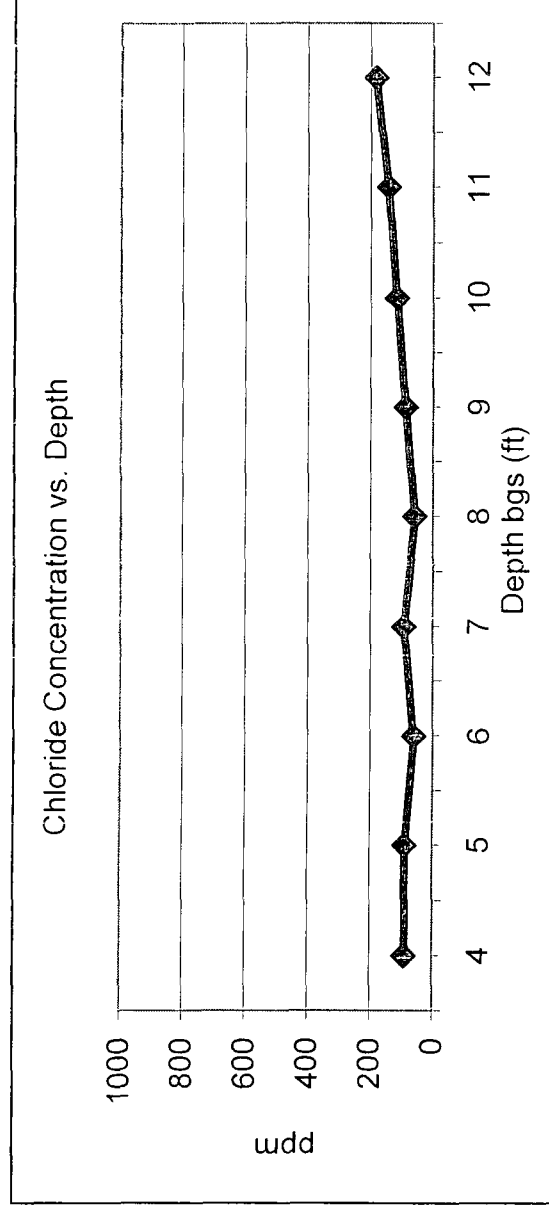
DATE:

EME Q-6 EOL

Unit 'Q', Sec. 6, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
4	89
5	88
6	60
7	91
8	57
9	87
10	115
11	142
12	183



Groundwater = 135 ft