

1R - 427-229

REPORTS

DATE:

4-1-08

EME Jct O-17-2

Aka Skelly 'F' EOL

1R427-229

CLOSURE

4 - 1 - 08

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice-Monument-Eumont (EME)	jct. O-17-2 (aka Skelly 'F' EOL)	O	17	20S	37E	Lea	no box; junction eliminated		

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

Depth to Groundwater 38 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 12/4/2007 Date Completed 12/27/2007 NMOCD 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 12/14/2007 Sample Depth 12 ft

TPH, BTEX, and chloride laboratory test results completed by using an approved laboratory 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
GRAB below junction (12 ft BGS)	0.477	0.835	0.500	6.10	<100.0	267	<16

CHLORIDE FIELD TESTS

General Description of Remedial Action:

This junction box was located inside the fence of an active production facility. The junction site has been eliminated with the pipeline replacement/upgrade program. After the box lumber was removed, a delineation trench was installed at the site to collect soil samples to 12 ft BGS. Chloride field tests were conducted on each sample and yielded very low chloride concentrations throughout that were similar to the background concentration. Organic vapors were also screened in the field using a PID and yielded slightly elevated concentrations. The deepest sample (12 ft grab) was analyzed for confirmation at a commercial laboratory for BTEX, TPH, and chloride. The sample's chloride concentration was not detectable within the laboratory's detection limit. The delineation trench was backfilled with the excavated soil and the disturbed area of the battery's pad was restored. Since chloride is not present at depth, TPH will be addressed by the operator at the abandonment of the production facility.

LOCATION	DEPTH (ft)	ppm
background	1	164
at junction	12	111

enclosures: photos, lab results

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

SITE SUPERVISOR L. Bruce Baker SIGNATURE Bruce Baker COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope
DATE 2/25/2008 TITLE Project Scientist

EMIE jct. O-17-2

(aka Skelly 'F' EOL)

Unit O, Section 17, T20S, R37E



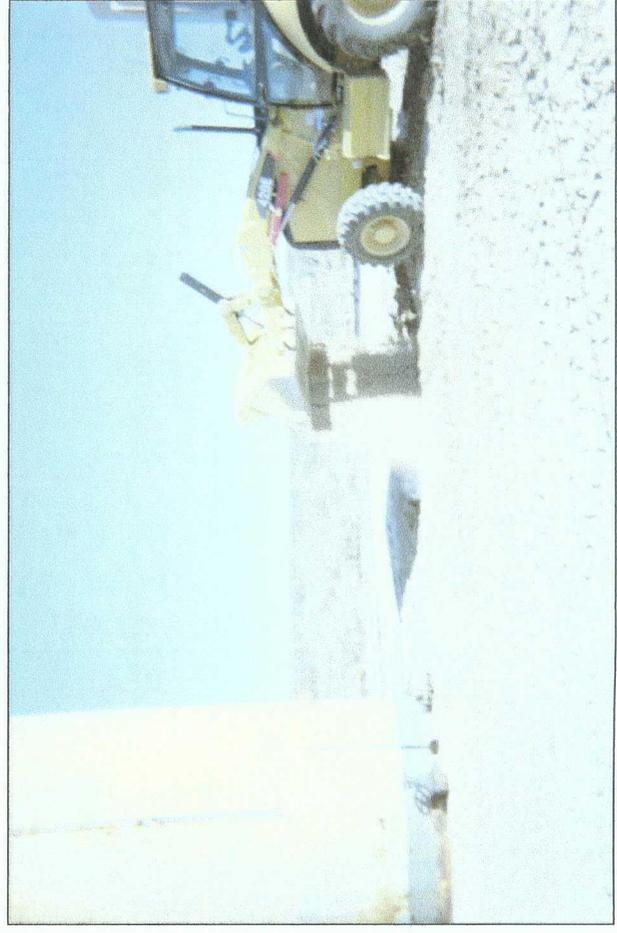
undisturbed junction box inside battery

8/6/2003



delineation trench at former junction site

12/13/2007



backfilling trench and repairing battery pad

12/27/2007



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

COPY

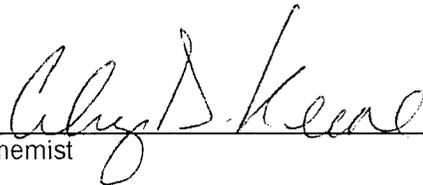
Receiving Date: 12/14/07
 Reporting Date: 12/17/07
 Project Owner: NOT GIVEN
 Project Name: EME JCT. O-17-2
 Project Location: EME JCT. O-17-2

Sampling Date: 12/14/07
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: CK/HM

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₂) (mg/kg)	DRO (>C ₁₂ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE	12/14/07	12/14/07	12/14/07
H13920-1 SOURCE @ 12' GRAB	<100	267	<16
Quality Control	526	410	500
True Value QC	500	500	500
% Recovery	105	82.0	100.0
Relative Percent Difference	<0.1	6.3	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-C1B
 *Analysis performed on a 1:4 w:v aqueous extract.

DEC 21 2007


 Chemist


 Date

H13920TCL RICE

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ANALYTICAL RESULTS FOR
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 ATTN: BRUCE BAKER
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Receiving Date: 12/14/07
 Reporting Date: 12/17/07
 Project Owner: NOT GIVEN
 Project Name: EME JCT. O-17-2
 Project Location: EME JCT. O-17-2

Sampling Date: 12/14/07
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: AB

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		12/14/07	12/14/07	12/14/07	12/14/07
H13920-1	SOURCE @ 12' GRAB	0.477	0.835	0.500	6.10
Quality Control		0.108	0.098	0.099	0.310
True Value QC		0.100	0.100	0.100	0.300
% Recovery		108	98	99	103
Relative Percent Difference		2.0	1.5	1.5	1.6

METHOD: EPA SW-846 8021B

DEC 21 2007

Ally D. Kane
 Chemist

12/18/07
 Date

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. **H13920B-RICE** Cardinal shall 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.

