

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		
Eunice-Monument-Eumont (EME)	jct. O-17-2 (aka Skelly "F" EOL)	O	17	20S	37E	Lea	Length	Width	Depth
							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



undisturbed junction box inside battery

8/6/2003

EME jct. O-17-2

(aka Skelly 'F' EOL)

Unit O, Section 17, T20S, R37E



delineation trench at former junction site

12/13/2007



backfilling trench and repairing battery pad

12/27/2007



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
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

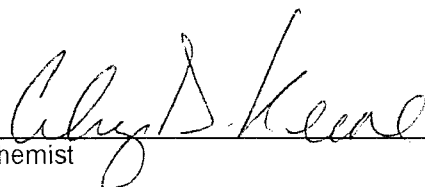
Sampling Date: 12/14/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/HM


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-CIB

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

DEC 21 2007


Chemist


Date

H13920TCL 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.



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
FAX TO: (575) 397-1471

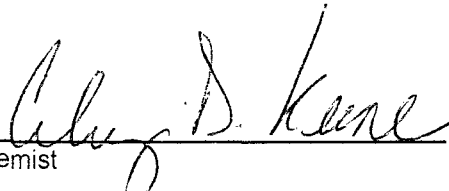
Receiving Date: 12/14/07
Reporting Date: 12/17/07
Project Owner: NOT GIVEN
Project Name: EME JCT. O-17-2
Project Location: EME JCT. O-17-2

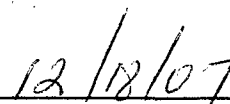
Sampling Date: 12/14/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB

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

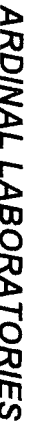
METHOD: EPA SW-846 8021B

DEC 21 2007


Cheryl 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. H13920-1 RICE 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.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476