

1R - 427-237

REPORTS

DATE:

7-2-08

EMIE Jct L-16-1

1
R427-237

RECEIVED

MAR 25 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. L-16-1	L	16	20S	37E	Lea	eliminated		

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

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

Date Started 11/16/2007 Date Completed 11/21/2007 OCD Witness no

Soil Excavated n/a cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/16/2007 Sample Depth 14 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 14' GRAB	3.5	<10.0	<10.0	320
BACKFILL	1.4	<10.0	<10.0	64

CHLORIDE FIELD TESTS

General Description of Remedial Action: This junction box was eliminated during the pipeline replacement/upgrade project. A hand auger was used to collect samples at regular intervals. Field data suggest that the site is low in organic vapors, and chloride concentrations in soil are similar to that of the background soil sample. The deepest sample (14' bgs) was sent to a commercial laboratory for analysis which confirmed the site is low in chloride and organics. On 11/21/2007 site was backfilled and contoured to the surrounding area. On 12/03/2007 site was seeded with western wheat grass seed and is expected to return to a productive capacity at a normal rate.

LOCATION	DEPTH	mg/kg
background	6"	201
hand auger below junction (source)	6'	947
	7'	160
	8'	745
	9'	681
	10'	727
	11'	381
	12'	483
	13'	297
14'	327	
backfill comp.	n/a	168

enclosures: photos, lab results, PID field screenings, chloride graph

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

REPORT ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY

SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.

DATE 7-2-08 TITLE PROJECT LEADER

EME Jct. L-16-1

Unit L, Section 16, T20S, R37E



source/initial

11/16/2007



backfill (NE to SW)

11/21/2007



prior to seeding site (N to S)

12/03/2007



seeding backfilled site (E to W)

12/03/2007



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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

NOV 27 2007

Receiving Date: 11/16/07
Reporting Date: 11/19/07
Project Owner: NOT GIVEN
Project Name: EME JCT. L-16-1
Project Location: EME JCT. L-16-1

Sampling Date: 11/16/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: CK/HM

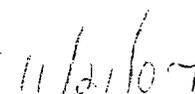
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₂) (mg/kg)	DRO (>C ₁₂ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		11/17/07	11/17/07	11/19/07
H13742-1	SOURCE @ 14'	<10.0	<10.0	320
H13742-2	BACKFILL	<10.0	<10.0	64
Quality Control		511	536	500
True Value QC		500	500	500
% Recovery		102	107	100
Relative Percent Difference		1.9	<0.1	<0.1

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

*Analyses performed on 1:4 w:v aqueous extracts.



Chemist



Date

H13742TCL 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.



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: <i>Riv Operating Co</i>		P.O. #:		ANALYSIS REQUEST																	
Project Manager: <i>Bruce Baker</i>		Company:																			
Address: <i>122 West Taylor</i>		Attn:																			
City: <i>Hobbs</i>		Address:																			
Phone #: <i>393-9174</i>		City:																			
Fax #: <i>397-1471</i>		State:																			
Project #: _____		Phone #:																			
Project Name: <i>EME Oct. 2-16-1</i>		Fax #:																			
Project Location: <i>EME Oct. 2-16-1</i>		Project Owner:																			
Sampler Name: <i>Bruce Baker</i>																					
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G) RAB OR (C) OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME													
H13743-1	Source @ 141	G 1	1	GROUNDWATER	✓		11-16-07	3:08pm													
-2	BACKFILL	C 1	1	WASTEWATER	✓		11-16-07	3:20pm													
				SLUDGE																	
				OTHER:																	
				ACID/BASE:																	
				ICE / COOL																	
				OTHER:																	

CI - TFH 8015-M

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 the client for the 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 30 days after completion of the applicable services. 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.

Relinquished By: <i>Bruce Baker</i>	Date: <i>11-16-07</i>	Received By: <i>Neil Auld</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Type: <i>4:05 PM</i>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <input checked="" type="checkbox"/> Sampler <input type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other:	Date:		REMARKS: <i>Email to bbaker@riceswd.com</i> <i>Acc to jpurvis@riceswd.com</i>	

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

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>07-3353</u>	EXPIRATION DATE: <u>4/08/09</u>
FILL DATE: <u>10/08/07</u>	METER READING ACCURACY: <u>101ppm</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Jct. L-16-1	L	16	20S	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
6'	15.3	Backfill	1.4
7'	0		
8'	1.6	Background	3.5
9'	3.8		
10'	1.3		
11'	67.7		
12'	195		
13'	50.9		
14'	3.5		

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

SIGNATURE: Bruce Baker

DATE: 11-16-07

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME Jct. L-16-1 vent

unit 'L', Sec. 16, T20S, R37E

Hand auger samples at junction (source)

Depth-bgs (ft)	[Cl ⁻] ppm
6	947
7	160
8	745
9	681
10	727
11	381
12	483
13	297
14	327

Groundwater = 20 ft

