1R - 427-307

REPORTS

DATE:

5-7-09

Jct

EME F-19 EOL 2009

1R427-307

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

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. F-19 EOL	F	19	20S	37E	Lea	eliminated		

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

Depth to Groundwater 32 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 1/9/2009 Date Completed 2/10/2009 OCD Witness no

Soil Excavated 44 cubic yards Excavation Length 10 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS:

Sample Date 1/13/2009 **Sample Depth** 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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
4-WALL COMP.	0.0	<10.0	11.4	<16
BOTTOM COMP.	0.1	<10.0	38.0	<16
BLENDED BACKFILL	3.1	<10.0	<10.0	<16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	141
bottom comp.	12'	173
blended backfill	n/a	180
background	6"	145
vertical delineation trench at 5 ft East of the junction (source)	1'	149
	2'	152
	3'	154
	4'	142
	5'	146
	6'	175
	7'	148
	8'	200
	9'	199
	10'	176
	11'	171
	12'	151

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 10x10x12-ft-deep excavation. Chloride field tests were performed on each sample, which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. Representative composite samples were collected from the excavation walls, bottom, and the excavated soil. The representative samples were sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was then returned to the excavation to ground surface and contoured to the surrounding area. On 2/13/2009, 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 Jordan Woodfin SIGNATURE Jordan Woodfin COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 5-7-09

EME Jct. F-19 EOL

Unit F, Section 19, T20S, R37E

site prior to excavation, facing northwest 1/9/2009

collecting a soil sample, facing south 1/12/2009

final 10x10x12-ft excavation, facing northwest 2/10/2009

seeding backfilled site, facing east 2/13/2009

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: JORDAN WOODFIN
122 W. TAYLOR
HOBBS, NM 88240

Receiving Date: 01/13/09
Reporting Date: 01/19/09
Project Number: NOT GIVEN
Project Name: EME JCT F-19 EOL
Project Location: EME JCT F-19 EOL

Sampling Date: 01/13/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		01/17/09	01/17/09	01/14/09
H16678-1	BACKFILL	<10.0	<10.0	<16
H16678-2	4 WALL COMP	<10.0	38.0	<16
H16678-3	5PT BOTTOM COMP	<10.0	11.4	<16
Quality Control		425	461	490
True Value QC		500	500	500
% Recovery		85.0	92.2	98.0
Relative Percent Difference		8.9	15.2	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl^-: Std. Methods 4500-Cl^-B
*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

01/19/09
Date

H16678 TCL RICE

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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:	RICE OPERATING
Project Manager:	JORDAN WOODFIN
Address:	122 W. TAYLOR
City:	HOBBS State: NM Zip: 88240
Phone #:	393-9174 Fax #:
Project #:	Project Owner:
Project Name:	EME JCT F-19 EOL
Project Location:	EME JCT F-19 EOL
Sampler Name:	JORDAN WOODFIN

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chlorides	TPH 8015M
H16678-1	Backfill	C	1			X					X		1-13-09	10:40A	X	X
-2	4 wall comp	C	1			X					X		1-13-09	11:19A	X	X
-3	5pt Bottom Comp	C	1			X					X		1-13-09	10:09	X	X

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 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.

Relinquished By:	Date: 1-13-09	Received By:	
JORDAN WOODFIN	Time: 4:30	Misty LeBert	
Relinquished By:	Date:	Received By:	
	Time:		

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No

CHECKED BY: (Initials) MLB

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:
EMAIL RESULTS TO:
BBAKER@Riceswd.com
CCJPURVIS@Riceswd.com
ccJWoodfin@Riceswd.com

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

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK. MODEL NO.		MODEL: PGM 7300	SERIAL NO: 590-000183
		MODEL: PGM 7600	SERIAL NO: 110-013744
		MODEL: PGM 7600	SERIAL NO: 110-12383
	✓	MODEL: PGM 7600	SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : ~~BLANK~~ 07-3353	EXPIRATION DATE: 4-12-09
FILL DATE: 10-12-07	METER READING ACCURACY: 98.7

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	F-19 EOL	F	19	20S	37E

SAMPLE ID	PID	SAMPLE ID	PID
Backfill	3.1		
5pt Bottom Comp	0.1		
4 Wall Comp.	0		

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

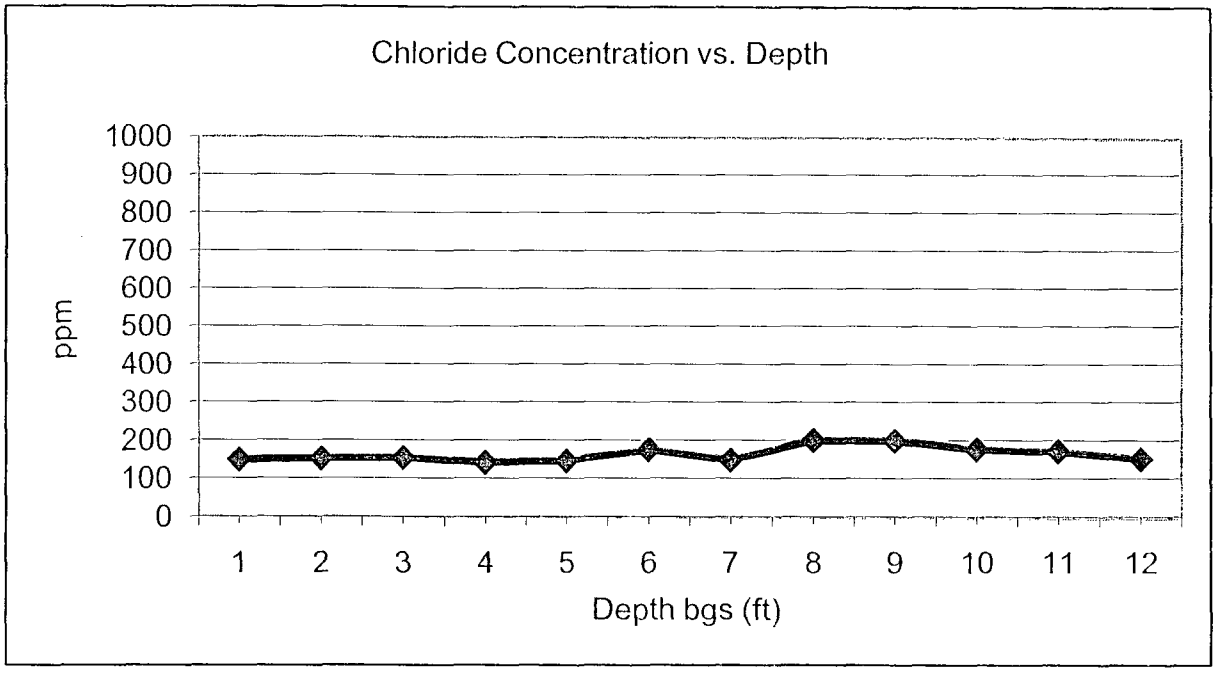
SIGNATURE Jordan Woodfin DATE: 1-13-09

EME Jct. F-19 EOL

Unit 'F', Sec. 19, T20S, R37E

Backhoe samples at 5 ft East of the junction (source)

Depth bgs (ft)	[Cl-] ppm
1	149
2	152
3	154
4	142
5	146
6	175
7	148
8	200
9	199
10	176
11	171
12	151



Groundwater = 32 ft