

1R - 427-273

REPORTS

DATE:

1-19-09

EME DCP EOL

1R427-273

RECEIVED

MAR 25 2002

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		
Eunice Monument Eumont (EME)	DCP EOL	C	33	20S	37E	Lea	Length 6'	Width 4'	Depth 4'
							eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Millard Deck OTHER _____

Depth to Groundwater 100 feet NMOCD SITE ASSESSMENT RANKING SCORE: 30*

Date Started 9/3/2008 Date Completed 9/24/2008 OCD Witness no

Soil Excavated 44.4 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 9/9/2008, 9/16/2008 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.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	2.9	<25.0	<25.0	400
BOTTOM COMP.	2.1	<25.0	<25.0	160
BACKFILL COMP.	3.6	<25.0	<25.0	112

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	480
bottom comp.	12'	234
backfill comp.	n/a	390
background	6"	119
vertical delineation trench at 10 ft south of the junction (source)	1'	260
	2'	145
	3'	265
	4'	213
	5'	288
	6'	197
	7'	170
	8'	112
	9'	147
	10'	141
	11'	120
	12'	156

General Description of Remedial Action: This junction 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 performed on each sample yielded generally low concentrations similar to that of the background sample. Organic vapors measured with a PID also yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. Clean soil was imported and blended on site with the excavated soil. The blended backfill was then returned to the excavation to the ground surface and contoured to the surrounding area. On 9/24/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

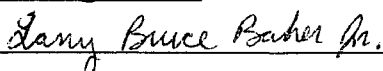
*Water well located 200 ft north.

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  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 1-19-09

EME DCP EOL

Unit C, Section 33, T20S, R37E



former junction box, facing north

9/3/2008



collecting a soil sample, facing east

9/3/2008



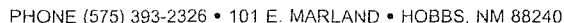
blending clean, imported soil with excavated soil

9/9/2008



seeding backfilled site

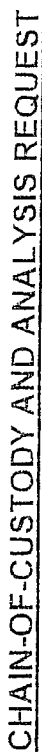
9/24/2008



COPY

Sampling Date: 09/09/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

[illegible]

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

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

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

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

ACCURACY : +/- 2%

[illegible]

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

DATE: 9-9-08



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

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

COPY

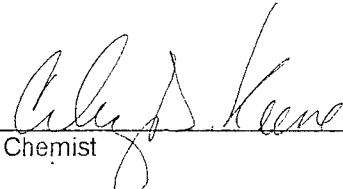
Receiving Date: 09/16/08
Reporting Date: 09/18/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EME DCP EOL

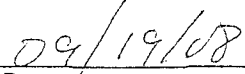
Sampling Date: 09/16/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₆) (mg/kg)	(mg/kg)
ANALYSIS DATE		09/17/08	09/17/08	09/17/08
H15936-1	BLENDED BACKFILL 5PT	<25.0	<25.0	112
	COMP. 10x10x12			
Quality Control		452	420	490
True Value QC		500	500	500
% Recovery		90.4	84.0	98.0
Relative Percent Difference		10.3	2.8	2.0

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

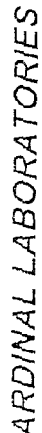
*Analysis performed on a 1:4 w:v aqueous extract.


Cheryl Keene
Chemist


09/19/08
Date

H15936 TCL RICE

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Page _____ of _____

BILL TO				ANALYSIS REQUEST			
Company Name: RICE OPERATING				COPY			
Project Manager: DARNELL MITCHELL							
Address: 122 W. TAYLOR							
City: HOBBS State: NM Zip: 88240							
Phone #: _____ Fax #: _____							
Project #: _____ Project Owner: _____							
Project Name: _____							
Project Location: EME DCP EOL							
Sampler Name: DARNELL MITCHELL							
FOR LAB USE ONLY							
Lab I.D.		Sample I.D.		DATE		TIME	
H-5936-1 Blended Backfill SP Comp. 10 X 12 X 12				9-16-08		11:20 AM	
# CONTAINERS		(G) RAB OR (C) OMP		PRESERV		SAMPLING	
MATRIX		OTHER:		ACID/BASE		ICE / COOL	
GROUNDWATER		SLUDGE		OIL		SOIL	
WASTEWATER		✓		✓		✓	
Temp. _____				Checked By: _____ (Initials)			
Relinquished By: _____				Received By: _____			
Date: _____				Date: _____			
Time: _____				Time: _____			
Delivered By: (Circle One) Darnell Mitchell				Remarks: Results B. Baker @ Rice SWD .com J PURVIS @ Rice S.W.D .com			
Sampler Relinquished:				Phone Result: <input type="checkbox"/> No Add'l Phone #:			
				Fax Result: <input type="checkbox"/> No Add'l Fax #:			
Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.							

+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.
MODEL
NO.

✓

MODEL: PGM 7300
MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 590-000183
SERIAL NO: 110-013744
SERIAL NO: 110-12383
SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-08	METER READING ACCURACY: 99.9

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Dcp EOI	C	33	20S	37E

SAMPLE ID	PID	SAMPLE ID	PID
BIENDED BACKfill	3.6		

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

SIGNATURE: Darnell Mitchell

DATE: 9-16-08

CHLORIDE CONCENTRATION CURVE

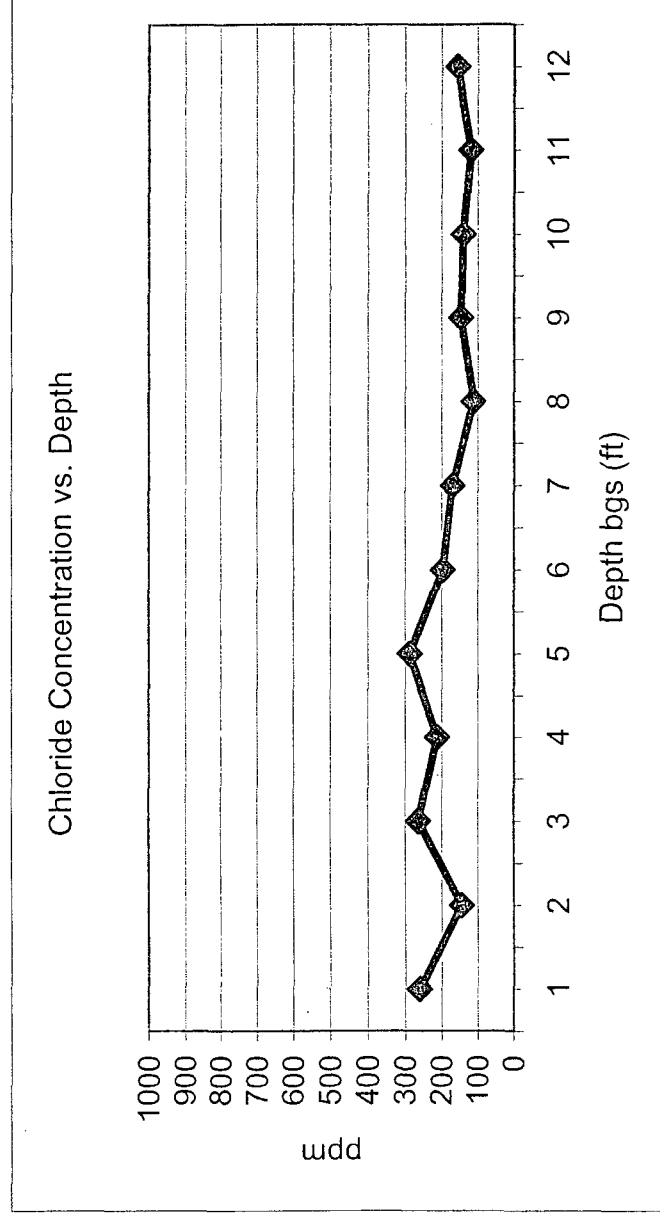
RICE Operating Company

EME DCP EOL

Unit 'C', Sec. 33, T20S, R37E

Backhoe samples at 10 ft south of the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
1	260
2	145
3	265
4	213
5	288
6	197
7	170
8	112
9	147
10	141
11	120
12	156



Groundwater = 100 ft