

1R - 427-335

REPORTS

DATE:

8-2-10

1R427-335

EME Jct. I-27

2010

RECEIVED

APR - 1 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87501

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Euince-Monument-Eumont (EME)	Jct. I-27	I	27	19S	36E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Amos Persons OTHER _____

Depth to Groundwater 49 feet NMOCD SITE ASSESSMENT RANKING SCORE: 50*

Date Started 1/7/2010 Date Completed 2/16/2010 OCD Witness no

Soil Excavated 88.9 cubic yards Excavation Length 20 Width 10 Depth 12 feet

Soil Disposed 146 cubic yards Offsite Facility Sundance Services Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date 1/27/2010 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	<10.0	848
BOTTOM COMP.	0.1	<10.0	<10.0	192
BACKFILL COMP.	0.0	<10.0	<10.0	624

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	723
bottom comp.	12'	284
backfill comp.	n/a	418
Delineation trench at former junction box (Source)	4'	388
	5'	690
	6'	627
	7'	636
	8'	707
	9'	545
	10'	390
	11'	362
	12'	344

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 20x10x12-ft-deep excavation. Chloride field tests were performed

on each sample which yielded generally low concentrations. Organic vapors, measured

using a PID, yielded low concentrations of organic vapors. Representative composite

samples were collected from the excavation walls, bottom, and blended backfill.

Laboratory analysis confirmed low concentrations of chloride with regards to depth and

organics were non detected. The entire backfill was hauled to an NMOCD approved facility. The excavation was backfilled with clean

imported soil to ground surface and contoured to the surrounding area. On 2/16/2010, site was seeded with a blend of native

vegetation and is expected to return to a productive capacity at a normal rate.


*Inactive water well located 70 ft. west and cattle water pond located 338 ft. southwest

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 Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-2-10

EME Jct. I-27

Unit I, Section 27, T19S, R36E



Sampling vertical

1/27/2010



Final excavation

2/12/2010



Backfilling site

2/15/2010



Seeding site

2/16/2010



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

Receiving Date: 01/27/10
Reporting Date: 02/01/10
Project Number: NOT GIVEN
Project Name: EME JCT I-27
Project Location: EME JCT I-27

Sampling Date: 01/27/10
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: JH
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)

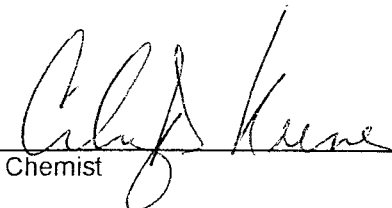
ANALYSIS DATE		01/29/10	01/29/10	01/29/10
H19160-1	BLENDED BACKFILL	<10.0	<10.0	624
H19160-2	5PT BTM COMP	<10.0	<10.0	192
H19160-3	4 WALL COMP	<10.0	<10.0	848
Quality Control		548	492	510
True Value QC		500	500	500
% Recovery		110	98.4	102
Relative Percent Difference		5.9	1.7	2.0

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

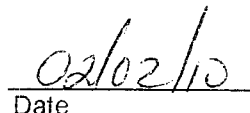
*Analyses performed on 1:4 w:v aqueous extracts.

Reported on wet weight.

COPY



Chemist



Date

H19160 TCL RICE

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BILL TO				ANALYSIS REQUEST			
Company Name: Rice Operating Project Manager: Address: RR W TAYLOR City: HOBBS State: NM Zip: 88240 Phone #: 372-9074 Fax #: Project #: Project Name: EME SCT I-27 Project Location: EME SCT I-27 Sampler Name: JORDAN WOODFIN				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
LAB USE ONLY							
Sample I.D. H19160-1 Blended Backfill -2 9ft Btm Comp -3 dwall comp		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE ICE / COOL OTHER:		SAMPLING DATE TIME 1-27-10 145 1-27-10 230 1-27-10 258	
		(G) RAB OR (COMP) # CONTAINERS					
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.				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.			
Sampler Relinquished: JORDAN WOODFIN Date: 1-27-10				Phone Result: <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> No Add'l Fax #:			
Relinquished By: JORDAN WOODFIN Date: 1/27/10 Time: 3:50				REMARKS: Email Results BAKER@RRESUP.COM CC JWOODFIN@ CC JPUY15			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Received By: Jodie Benson Date: 1/27/10 Time: 3:50 Temp: <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) JWB			

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

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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (575) 393-9174 FAX: (575) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
X	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 924503	EXPIRATION DATE: 7/5/12
FILL DATE: 7/1/09	METER READING ACCURACY: 99.9

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	I-27	I	27	19S	36E

SAMPLE ID	PID	SAMPLE ID	PID
North Wall	0	4 Wall Comp	0
South Wall	0	5pt Btm Comp	0.1
EAST Wall	0	Blended Backfill	0
WEST Wall	0		

COPY

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

SIGNATURE:

Jordan Woodh

DATE: 1-27-10

CHLORIDE CONCENTRATION CURVE

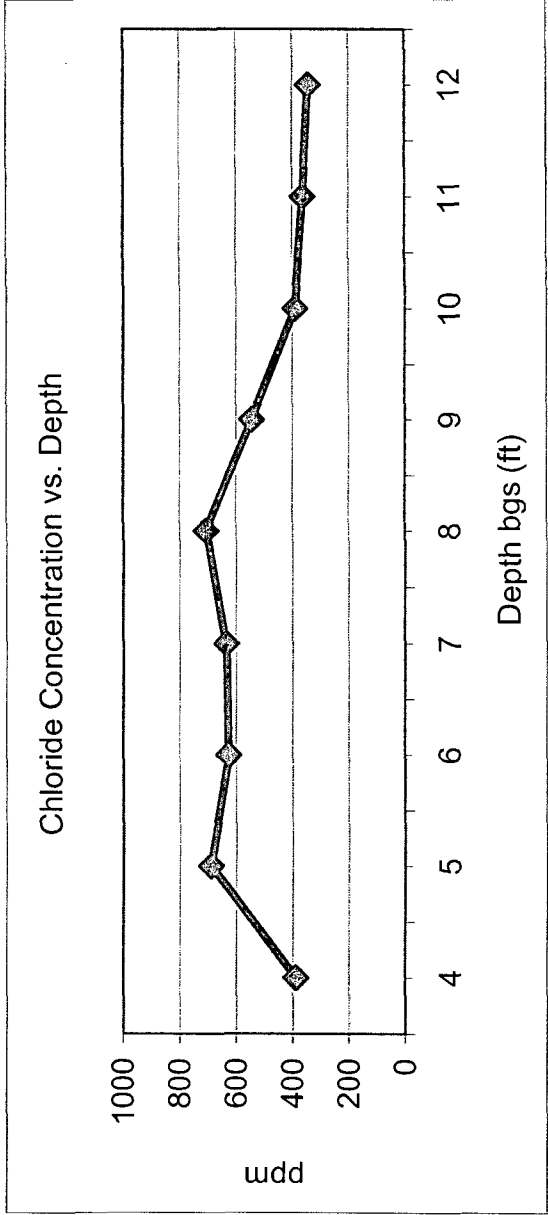
RICE Operating Company

EME Jct. I-27

Unit 'L', Sec. 27, T19S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
4	388
5	690
6	627
7	636
8	707
9	545
10	390
11	362
12	344



Groundwater = 49 ft