

1R - 427-357

REPORTS

DATE:

3-29-11

1R427-35

EME C-10-1 EOL
2010

RECEIVED

APR - 1 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont	C-10-1 EOL	C	10	21S	36E	Lea	Length	Width	Depth
							Eliminated		

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

Depth to Groundwater 200 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/14/2010 Date Completed 10/15/2010 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 9/29/2010 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.	2.4	<10.0	<10.0	448
BOTTOM COMP.	0.6	<10.0	<10.0	272
BACKFILL COMP.	1.8	<10.0	<10.0	32

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	403
bottom comp.	12'	207
backfill comp.	n/a	200
vertical delineation trench 5 ft. north of junction (source)	2'	117
	4'	511
	6'	533
	8'	502
	10'	490
	12'	294

General Description of Remedial Action: This junction and line were 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 test performed on each sample yielded concentrations that relented with depth.

Organic vapors were measured using a PID. The excavated soil was blended on site and representative composite samples were collected from the blended backfill, the bottom of the excavation, and the excavation walls. The representative samples were sent to a commercial laboratory for analysis of chloride and TPH. The blended backfill was returned to the excavation to 2 ft. below ground surface. The remaining excavation was backfilled with clean imported soil to ground surface and contoured to the surrounding area. On 10/15/2010, 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 Dak Harris SIGNATURE *Dak Harris* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL *ZC*

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 3-29-11

EME C-10-1 EOL

Unit C, Section 10, T21S, R36E



Site prior to excavation

9/14/2010



Collecting Sample

9/29/2010



Backfilling site

10/27/2010



Seeding site

10/27/2010

Analytical Results For:

 Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 09/29/2010
 Reported: 10/05/2010
 Project Name: EME C-10-1 EOL (21/36)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: 5 PT. BOTTOM @ 12' (H020951-01)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/30/2010	ND	400	100	400	7.69		
TPH 8015M			mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/01/2010	ND	186	93.1	200	6.49		
DRO >C10-C28	<10.0	10.0	10/01/2010	ND	199	99.6	200	15.1		

Surrogate: 1-Chlorooctane 87.3 % 70-130

Surrogate: 1-Chlorooctadecane 86.7 % 70-130

Sample ID: 4-WALL COMPOSITE @ 10 X 10 (H020951-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	09/30/2010	ND	400	100	400	7.69	
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/01/2010	ND	186	93.1	200	6.49	
DRO >C10-C28	<10.0	10.0	10/01/2010	ND	199	99.6	200	15.1	

Surrogate: 1-Chlorooctane 92.5 % 70-130

Surrogate: 1-Chlorooctadecane 92.3 % 70-130

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 09/29/2010
 Reported: 10/05/2010
 Project Name: EME C-10-1 EOL (21/36)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BLENDED BACKFILL (H020951-03)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/30/2010	ND	400	100	400	7.69	
TPH 8015M			mg/kg		Analyzed By: AB				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/01/2010	ND	186	93.1	200	6.49	
DRO >C10-C28	<10.0	10.0	10/01/2010	ND	199	99.6	200	15.1	

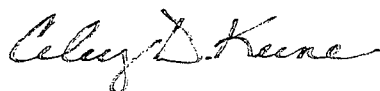
 Surrogate: 1-Chlorooctane 89.6 % 70-130
 Surrogate: 1-Chlorooctadecane 91.1 % 70-130

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Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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: <u>Nice Operating Company</u> Project Manager: <u>Bruce Baker</u> Address: <u>122 W. Taylor</u> State: <u>NM</u> Zip: <u>88240</u> City: <u>Hobbs</u> Phone #: <u>505-393-9174</u> Fax #: <u>505-393-1471</u> Project #: _____ Project Owner: _____ Project Name: <u>EMERGENCY - 12/1/00</u> Project Location: _____ Sampler Name: <u>Robert Eggen</u>										Bill To P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Phone #: _____ Fax #: _____										Analysis Request											
Lab I.D.	Sample I.D.	Matrix	PRESERV	SAMPLING	DATE	TIME	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	SLUDGE	OIL	WASTEWATER	GROUNDWATER	# CONTAINERS	(G) RAB OR (C) MP	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:	Delivered By: (Circle One)	Sampler: <input type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other:	Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
400351	Spot Bottom @ 12'				12/1/00	10:15									1		Robert														
	4 holes composite @ 12'				12/1/00	9:30									1																
	3 Random Backfill				12/1/00	7:33									1																

COPY

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	SERIAL NO: 590-000508
MODEL: PGM 7300	SERIAL NO: 590-000504
MODEL: PGM 7320	SERIAL NO: 592-903318
MODEL: PGM 7300	SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 925621	EXPIRATION DATE: 9-27-12
METER READING ACCURACY: 99.9	

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	C-10-1 EOL	C	10	21	36

SAMPLE ID	PID	SAMPLE ID	PID
Bottom 5 ft. Comp @ 12'	0.6		
Blended backfill	1.8		
4-Wall Composite	0.4		

COPY

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

SIGNATURE:

Dan Harris

DATE:

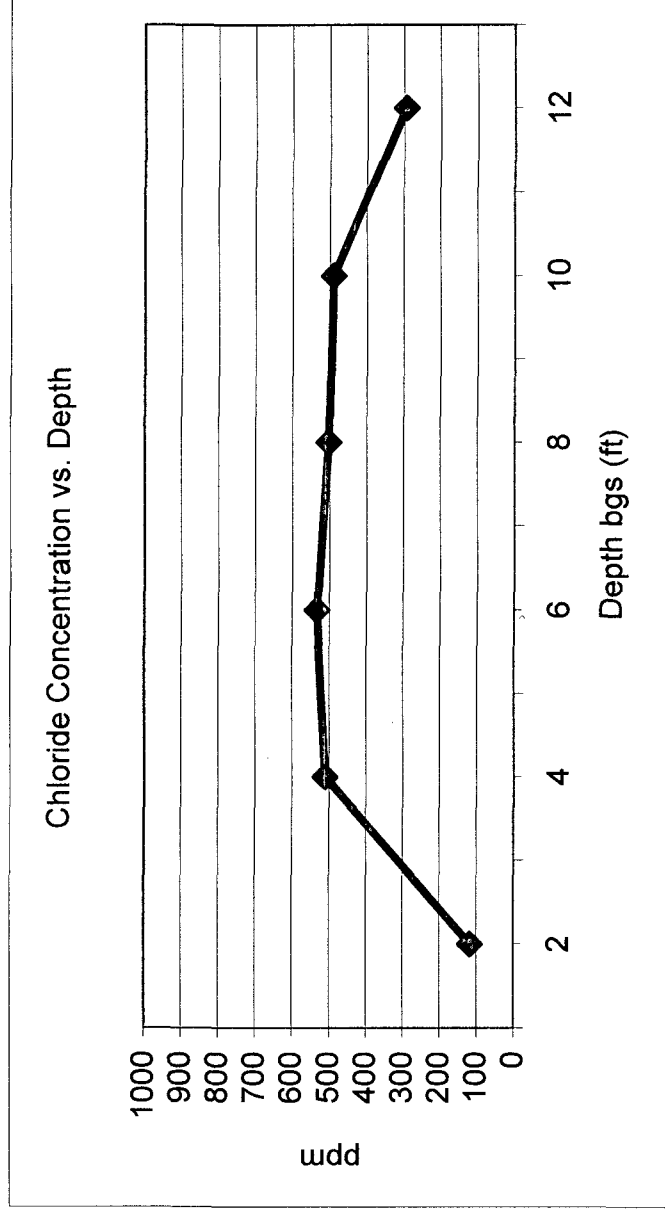
9-29-10

EME C-10-1 EOL

Unit 'C', Sec. 10, T21S, R36E

Backhoe samples 5 ft. north of the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
2	117
4	511
6	533
8	502
10	490
12	294



Groundwater = 200 ft.