

1R - 427-293

REPORTS

DATE:

4-1-09

**EME Jct L-19-1
2009**

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

RECEIVED

APR - 6 2010

Environmental Bureau

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	Jct. L-19-1	L	19	20S	37E	Lea	Length	Width	Depth
							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 2/13/2009 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 1/9/2009 Sample Depth 12 ft

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
SOURCE 12' GRAB	0.0	<10.0	<10.0	16

LOCATION	DEPTH	mg/kg
background	6"	110
vertical delineation trench at the junction (source)	3'	139
	4'	139
	5'	143
	6'	170
	7'	198
	8'	177
	9'	174
	10'	175
	11'	170
	12'	204

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 5x3x12-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID and also yielded low concentrations. The deepest sample was analyzed by a commercial laboratory which confirmed low concentrations. The excavated soil was 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 [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 4-1-09

EME Jct. L-19-1

Unit L, Section 19, T20S, R37E



capped lines at the former
junction box, facing southeast

1/9/2009



final 5x3x12-ft-deep excavation, facing north

1/9/2009



collecting a soil sample, facing southwest

1/9/2009



seeding backfilled site, facing north

2/13/2009



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

CCPN

Receiving Date: 01/09/09
Reporting Date: 01/13/09
Project Number: NOT GIVEN
Project Name: EME JCT L-19-1
Project Location: EME JCT L-19-1

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

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		01/12/09	01/12/09	01/12/09
H16651-1	SOURCE BTM GRAB @ 12FT	<10.0	<10.0	16
Quality Control		455	479	500
True Value QC		500	500	500
% Recovery		91.0	95.8	100
Relative Percent Difference		7.2	5.9	<0.1

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

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

Chemist

Date _____

H16651 TCL RICE

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL 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

BILL TO		ANALYSIS REQUEST															
P.O. #:		Company:		Attn:		Address:		City:		State:		Zip:		Phone #:		Fax #:	
Company Name: RICE OPERATING		Project Manager: JORDAN WOODFIN		City: 140885		State: NM		Zip: 88240		Phone #: 575/393-9135		Fax #: 575/393-9135		Project #: ENE JCT L-19-1		Project Name: ENE JCT L-19-1	
Project Location: ENE JCT L-19-1		Sampler Name: JORDAN WOODFIN		Matrix: WASTEWATER		Groundwater: WASTEWATER		Soil: WASTEWATER		Sludge: WASTEWATER		Other: WASTEWATER		Acid/Base: WASTEWATER		Other: WASTEWATER	
Lab I.D.		Sample I.D.		Containers: 1		Preserv: 1		Sampling: 1		Date: 1-9-09		Time: 11:01 am		Chloride: X		PH/BORIS: X	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising out of this contract or tort, shall be limited to the amount paid by the client for the analysis. 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 interruption, loss of use, or loss of profits incurred by client, its subsidiaries or affiliates or successors arising out of or related to the performance of services furnished by Cardinal. Regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Jordan Woodfin	Date: 1-9-09	Time: 4:33	Received By: [Signature]	Date: 1-9-09	Time: 11:01 am
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Checked By: [Signature]		Initials: [Signature]
REMARKS: EMAIL RESULTS TO BBAKER@RICESWD.COM CC JFURVIS@RICESWD.COM CC SWOODFIN@RICESWD.COM					

† 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

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: 07-3353	EXPIRATION DATE: 10-12-09
FILL DATE: 10-12-07	METER READING ACCURACY: 98.0

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	L-19-1	L	19	20S	37E

SAMPLE ID	PID	SAMPLE ID	PID
SOURCE			
3'	7.8		
4'	1.8		
5'	0.4		
6'	0		
7'	0		
8'	0		
9'	0		
10'	0		
11'	0		
12'	0		

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

SIGNATURE

Jordan Woolf

DATE: 1-9-09

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: 07-3353	EXPIRATION DATE: 4-12-09
FILL DATE: 10-12-07	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	L-19-1	L	19	205	37E

SAMPLE ID	PID	SAMPLE ID	PID
Background	0		

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

SIGNATURE 

DATE: 1-22-09

CHLORIDE CONCENTRATION CURVE

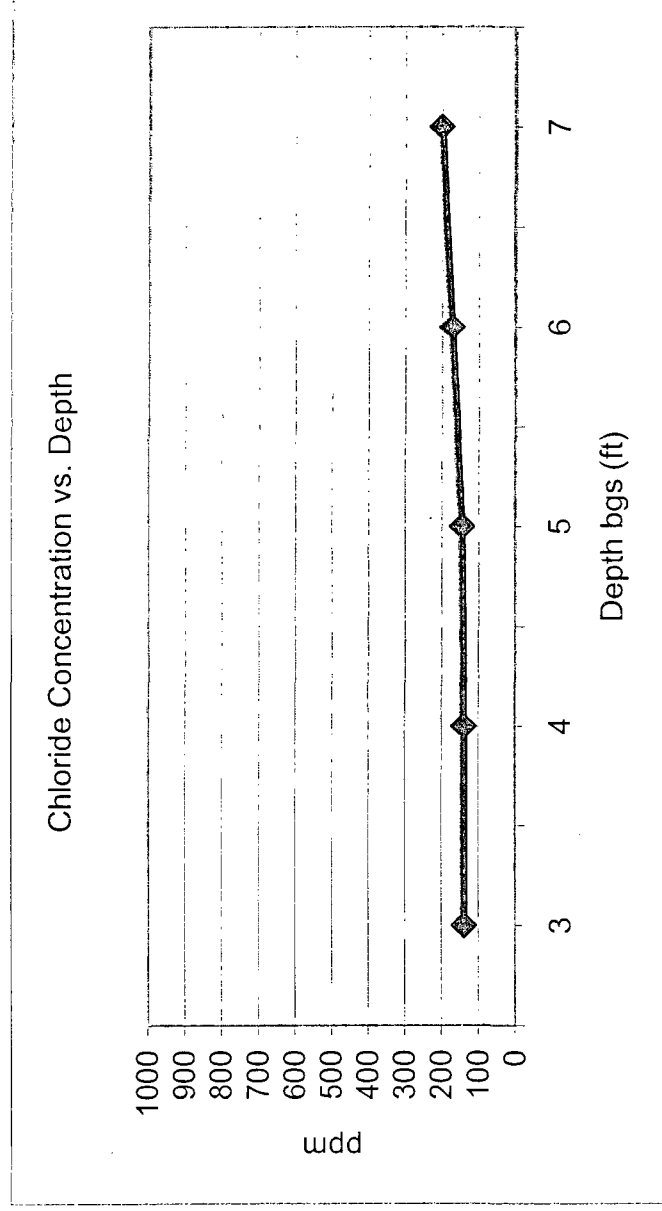
RICE Operating Company

EME Jct. L-19-1

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

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
3	139
4	139
5	143
6	170
7	198
8	177
9	174
10	175
11	170
12	204



Groundwater = 32 ft