

1R - 427 - 193

REPORTS

DATE:

5-20-05

EME Jct C-19

1R0427-193

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	C-19	C	19	19S	37E	Lea	Length	Width	Depth
							no box-junction eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie T. Cooper OTHER _____

Depth to Groundwater 52 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/10/2004 Date Completed 6/28/2004 NMOCD Witness no

Soil Excavated 148 cubic yards Excavation Length 25 Width 20 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/15/2004, 5/6/2005 Sample Depth 8 ft

Procure 5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH, BTEX, and chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
4-WALL COMP.	PID = 0.0 ppm				<10.0	<10.0	832
BOTTOM COMP.	PID = 0.0 ppm				<10.0	<10.0	576
REMEDI. BACKFILL	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	338

General Description of Remedial Action:

This section of SWD pipeline has been isolated. The box lumber was removed and the site was decontaminated for NORM. The location was then delineated using a backhoe while PID screenings and chloride field tests were conducted at regular intervals on the soil samples. Caliche was found a few inches below the surface and the samples did not exhibit any indications of salt or hydrocarbon impact. All PID readings were very low and lab results on the samples from the final 20 x 25 x 8-ft-deep excavation yielded non-detect (<10 ppm) TPH concentrations, meeting NMOCD guidelines. Chloride concentrations exhibited conclusive trends of decline with depth and breadth. The excavated soil was blended on site and then backfilled into the excavation and contoured to the surrounding surface. The disturbed surface was seeded on 10/4/2004 with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

enclosures: chloride graphs, photos, lab results, PID field screenings

SITE SUPERVISOR Rob Elam

COMPANY Curt's Environmental-Odessa, TX

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
5 ft WEST of junction	2	989
	3	839
	4	179
	5	3358
	6	239
	7	269
20 ft WEST of junction	8	629
	4	1409
	5	1349
	6	989
5 ft EAST of junction	7	959
	8	929
	4	629
	5	449
4-wall comp.	6	359
	7	269
	8	239
bottom comp.	n/a	1019
remed. backfill	8	809
	n/a	269

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REPORT ASSEMBLED BY Kristin Farris Pope DATE 5/20/2005 TITLE Project Scientist

SIGNATURE

Kristin Farris Pope

EME jct. C-19

unit 'C', sec. 19, T19S, R37E



undisturbed junction box



former box site; junction removed



final 25 x 20 x 8-ft-deep excavation

June 2004



seeding disturbed surface

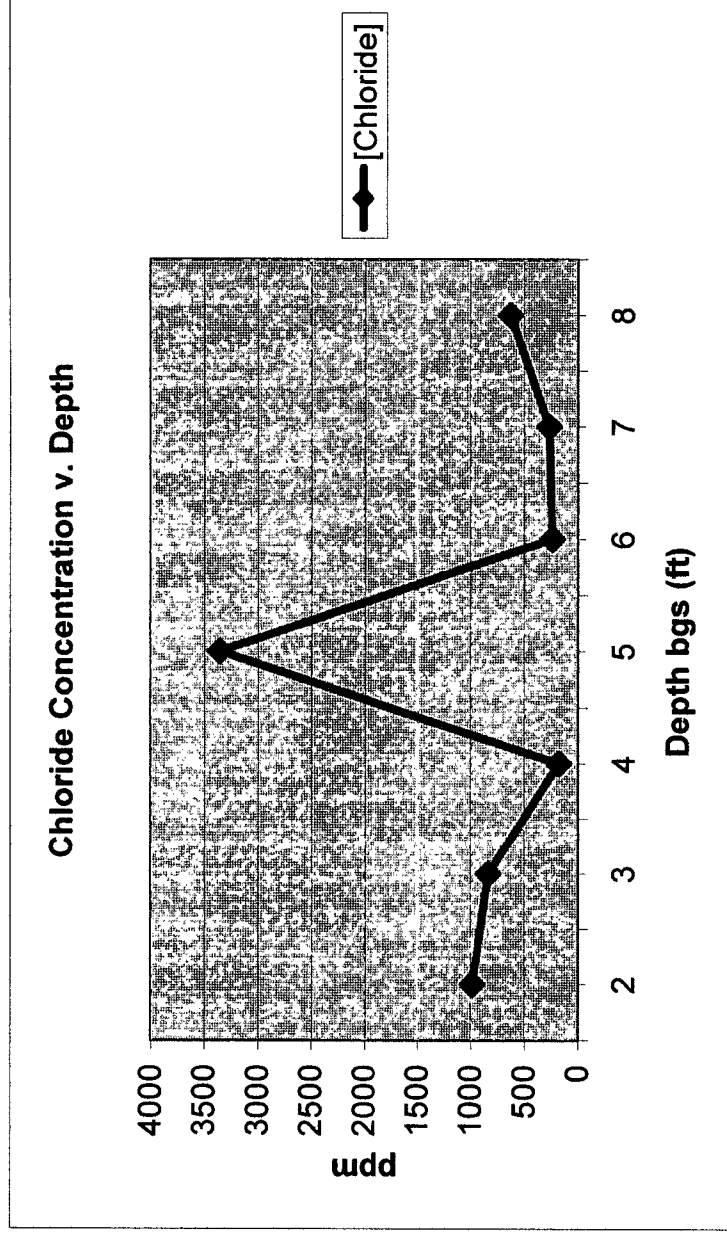
10/4/2004

EME jct. C-19 T19S, R37E

5 ft WEST of junction box

Depth bgs (ft)	[Cl] ppm
2	989
3	839
4	179
5	3358
6	239
7	269
8	629

Groundwater = 52 ft

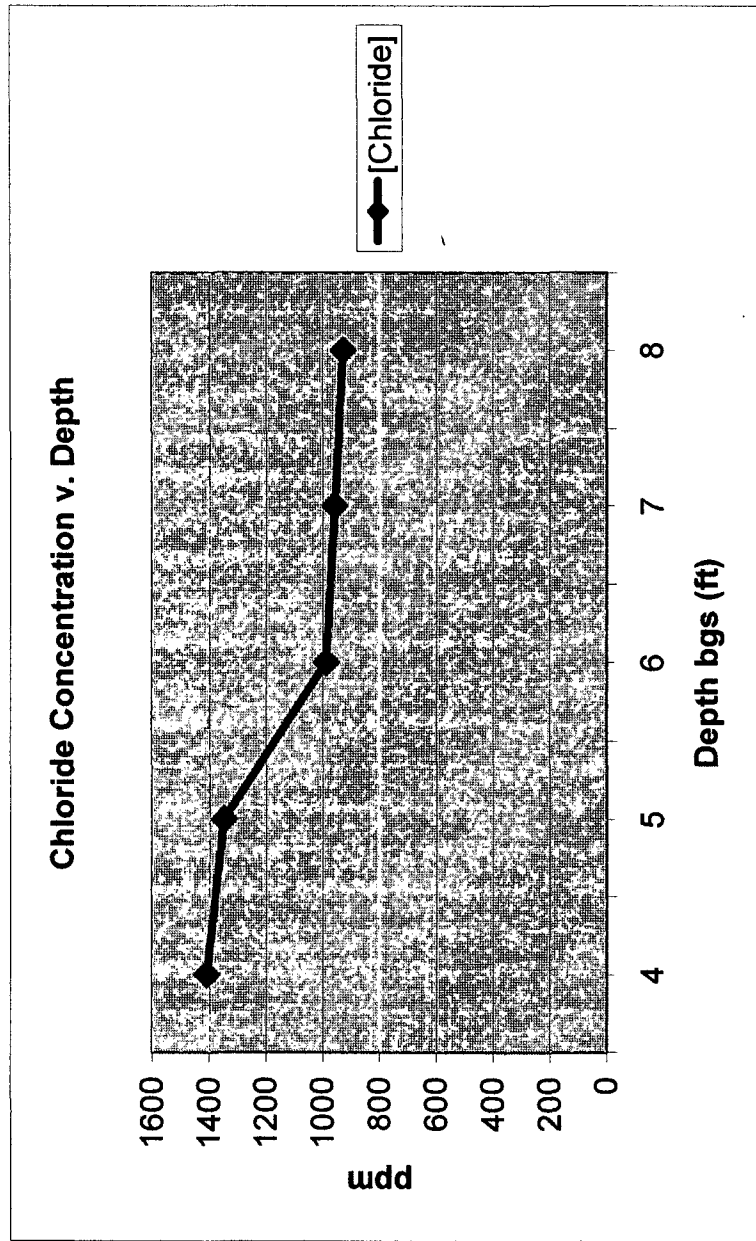


EME jct. C-19 T19S, R37E

5 ft EAST of junction box

Depth bgs (ft)	[Cl] ppm
4	1409
5	1349
6	989
7	959
8	929

Groundwater = 52 ft



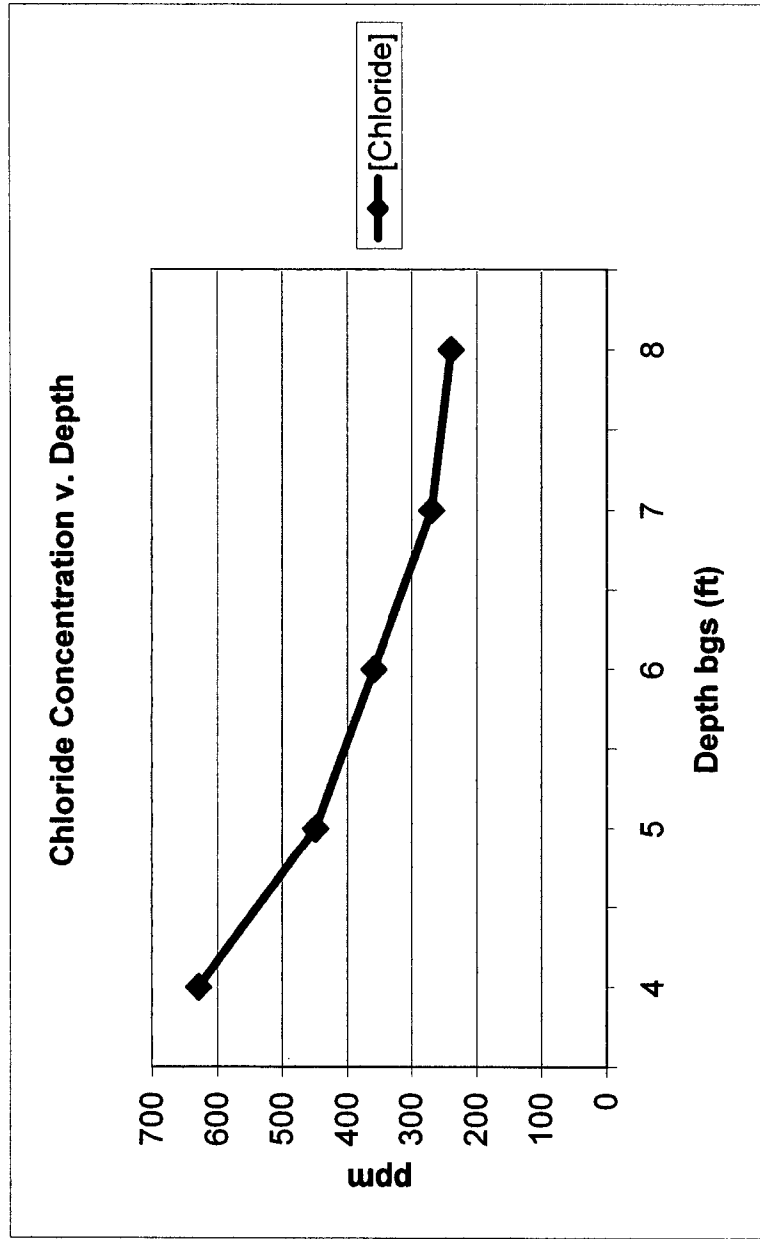
EME jct. C-19

T19S, R37E

20 ft WEST of junction box

Depth bgs (ft)	[Cl ⁻] ppm
4	629
5	449
6	359
7	269
8	239

Groundwater = 52 ft



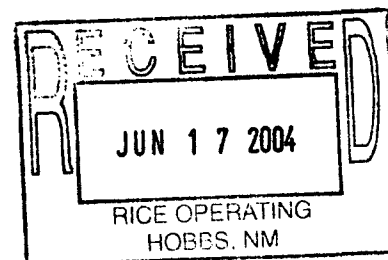


ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROB ELAM
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471



Receiving Date: 06/15/04
Reporting Date: 06/16/04
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EME C-19

Sampling Date: 06/15/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/HM

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE	8 ft	06/16/04	06/16/04	06/16/04
H8826-1	C-19 BOTTOM COMPOSITE	<10.0	<10.0	576
H8826-2	C-19 WALL COMPOSITE	<10.0	<10.0	832
Quality Control		804	793	1020
True Value QC		800	800	1000
% Recovery		101	99.2	102
Relative Percent Difference		1.6	1.1	1.0

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

6/16/04
Date

H8826.XLS

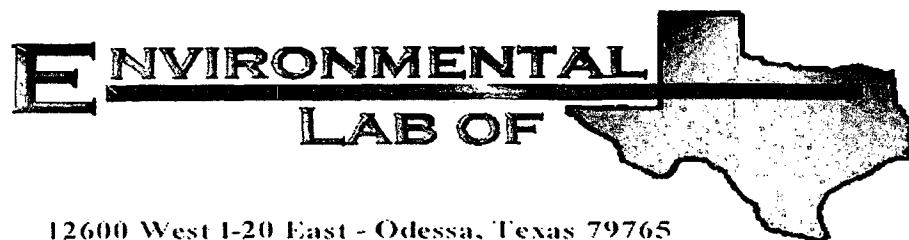
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(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 86

Company Name: <u>Rice</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Rob Elam</u>		Company:		DATE		TIME	
Address: <u>122 W. Taylor</u>		Attn:		DATE		TIME	
City: <u>Hobbs</u>		Address:		DATE		TIME	
Phone #: <u>393-9174</u>		City:		DATE		TIME	
Project #:		State:		DATE		TIME	
Project Name:		Phone #:		DATE		TIME	
Project Location: <u>EME C-19</u>		Fax #:		DATE		TIME	
Sampler Name:		Project Owner:		DATE		TIME	
FOR LAB USE ONLY		# CONTAINERS		PRESERV.		SAMPLING	
Lab I.D.		(GRAB OR COMP.)		OTHER:		DATE	
Sample I.D.		WASTEWATER		ACID/BASE:		TIME	
K8826-1		GROUNDWATER		ICE / COOL		TIME	
C-19 Bottom Composite		OIL		OTHER:		TIME	
C-19 Wall		SOIL		SLUDGE		TIME	
C-19		WASTEWATER		OTHER:		TIME	
C-19		GROUNDWATER		ACID/BASE:		TIME	
C-19		OIL		ICE / COOL		TIME	
C-19		SLUDGE		OTHER:		TIME	
C-19		SOIL		ACID/BASE:		TIME	
C-19		WASTEWATER		ICE / COOL		TIME	
C-19		GROUNDWATER		OTHER:		TIME	
C-19		OIL		ACID/BASE:		TIME	
C-19		SLUDGE		ICE / COOL		TIME	
C-19		SOIL		OTHER:		TIME	
C-19		WASTEWATER		ACID/BASE:		TIME	
C-19		GROUNDWATER		ICE / COOL		TIME	
C-19		OIL		OTHER:		TIME	
C-19		SLUDGE		ACID/BASE:		TIME	
C-19		WASTEWATER		ICE / COOL		TIME	
C-19		GROUNDWATER		OTHER:		TIME	
C-19		OIL		ACID/BASE:		TIME	
C-19		SLUDGE		ICE / COOL		TIME	
C-19		SOIL		OTHER:		TIME	
C-19		WASTEWATER		ACID/BASE:		TIME	
C-19		GROUNDWATER		ICE / COOL		TIME	
C-19		OIL		OTHER:		TIME	
C-19		SLUDGE		ACID/BASE:		TIME	
C-19		WASTEWATER		ICE / COOL		TIME	
C-19		GROUNDWATER		OTHER:		TIME	
C-19		OIL		ACID/BASE:		TIME	
C-19		SLUDGE		ICE / COOL		TIME	
C-19		SOIL		OTHER:		TIME	
C-19		WASTEWATER		ACID/BASE:		TIME	
C-19		GROUNDWATER		ICE / COOL		TIME	
C-19		OIL		OTHER:		TIME	
C-19		SLUDGE		ACID/BASE:		TIME	
C-19		WASTEWATER		ICE / COOL		TIME	
C-19		GROUNDWATER		OTHER:		TIME	

† Cardinal cannot accept verbal changes. Please fax written changes to (916) 673-7020.



COPY

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Roy Rascon
Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240

Project: EME Jct. C-19
Project Number: None Given
Location: None Given

Lab Order Number: 5E09010

Report Date: 05/20/05

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Remediated Backfill Composite	5E09010-01	Soil	05/06/05 09:49	05/06/05 17:30

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remediated Backfill Composite (5E09010-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE51004	05/10/05	05/11/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		82.6 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.1 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE50904	05/09/05	05/09/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		81.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		71.4 %	70-130		"	"	"	"	

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remediated Backfill Composite (5E09010-01) Soil									
Chloride	338	20.0	mg/kg	40	EE51108	05/10/05	05/10/05	EPA 300.0	
% Moisture	13.5	0.1	%	1	EE50906	05/09/05	05/10/05	% calculation	

Environmental Lab of Texas

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Page 3 of 8

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EE50904 - Solvent Extraction (GC)

Blank (EE50904-BLK1)

Prepared & Analyzed: 05/09/05

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	39.0		mg/kg	50.0		78.0	70-130			
Surrogate: 1-Chlorooctadecane	37.8		"	50.0		75.6	70-130			

LCS (EE50904-BS1)

Prepared & Analyzed: 05/09/05

Gasoline Range Organics C6-C12	455	10.0	mg/kg wet	500		91.0	75-125			
Diesel Range Organics >C12-C35	470	10.0	"	500		94.0	75-125			
Total Hydrocarbon C6-C35	925	10.0	"	1000		92.5	75-125			
Surrogate: 1-Chlorooctane	35.8		mg/kg	50.0		71.6	70-130			
Surrogate: 1-Chlorooctadecane	35.7		"	50.0		71.4	70-130			

Calibration Check (EE50904-CCV1)

Prepared & Analyzed: 05/09/05

Gasoline Range Organics C6-C12	479		mg/kg	500		95.8	80-120			
Diesel Range Organics >C12-C35	491		"	500		98.2	80-120			
Total Hydrocarbon C6-C35	970		"	1000		97.0	80-120			
Surrogate: 1-Chlorooctane	47.0		"	50.0		94.0	70-130			
Surrogate: 1-Chlorooctadecane	39.5		"	50.0		79.0	70-130			

Matrix Spike (EE50904-MS1)

Source: 5E09009-01

Prepared & Analyzed: 05/09/05

Gasoline Range Organics C6-C12	548	10.0	mg/kg dry	562	ND	97.5	75-125			
Diesel Range Organics >C12-C35	585	10.0	"	562	ND	104	75-125			
Total Hydrocarbon C6-C35	1130	10.0	"	1120	ND	101	75-125			
Surrogate: 1-Chlorooctane	46.6		mg/kg	50.0		93.2	70-130			
Surrogate: 1-Chlorooctadecane	36.8		"	50.0		73.6	70-130			

Matrix Spike Dup (EE50904-MSD1)

Source: 5E09009-01

Prepared & Analyzed: 05/09/05

Gasoline Range Organics C6-C12	569	10.0	mg/kg dry	562	ND	101	75-125	3.76	20	
Diesel Range Organics >C12-C35	594	10.0	"	562	ND	106	75-125	1.53	20	
Total Hydrocarbon C6-C35	1160	10.0	"	1120	ND	104	75-125	2.62	20	
Surrogate: 1-Chlorooctane	46.9		mg/kg	50.0		93.8	70-130			
Surrogate: 1-Chlorooctadecane	36.5		"	50.0		73.0	70-130			

Environmental Lab of Texas

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Page 4 of 8

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EE51004 - EPA 5030C (GC)

Blank (EE51004-BLK1)

Prepared & Analyzed: 05/10/05

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	80.8		ug/kg	100		80.8	80-120			
Surrogate: 4-Bromofluorobenzene	87.9		"	100		87.9	80-120			

LCS (EE51004-BS1)

Prepared & Analyzed: 05/10/05

Benzene	93.3		ug/kg	100		93.3	80-120			
Toluene	93.0		"	100		93.0	80-120			
Ethylbenzene	99.0		"	100		99.0	80-120			
Xylene (p/m)	230		"	200		115	80-120			
Xylene (o)	108		"	100		108	80-120			
Surrogate: a,a,a-Trifluorotoluene	100		"	100		100	80-120			
Surrogate: 4-Bromofluorobenzene	117		"	100		117	80-120			

Calibration Check (EE51004-CCV1)

Prepared & Analyzed: 05/10/05

Benzene	93.5		ug/kg	100		93.5	80-120			
Toluene	86.7		"	100		86.7	80-120			
Ethylbenzene	83.3		"	100		83.3	80-120			
Xylene (p/m)	183		"	200		91.5	80-120			
Xylene (o)	89.6		"	100		89.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	94.9		"	100		94.9	80-120			
Surrogate: 4-Bromofluorobenzene	87.2		"	100		87.2	80-120			

Matrix Spike (EE51004-MS1)

Source: 5E06009-08

Prepared & Analyzed: 05/10/05

Benzene	86.3		ug/kg	100	ND	86.3	80-120			
Toluene	86.2		"	100	ND	86.2	80-120			
Ethylbenzene	88.8		"	100	ND	88.8	80-120			
Xylene (p/m)	204		"	200	ND	102	80-120			
Xylene (o)	93.4		"	100	ND	93.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	91.5		"	100		91.5	80-120			
Surrogate: 4-Bromofluorobenzene	105		"	100		105	80-120			

Environmental Lab of Texas

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Page 5 of 8

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EE51004 - EPA 5030C (GC)

Matrix Spike Dup (EE51004-MSD1)

Source: 5E06009-08

Prepared & Analyzed: 05/10/05

Benzene	91.4		ug/kg	100	ND	91.4	80-120	5.74	20	
Toluene	91.3		"	100	ND	91.3	80-120	5.75	20	
Ethylbenzene	93.5		"	100	ND	93.5	80-120	5.16	20	
Xylene (p/m)	215		"	200	ND	108	80-120	5.71	20	
Xylene (o)	98.5		"	100	ND	98.5	80-120	5.32	20	
Surrogate: a,a,a-Trifluorotoluene	90.8		"	100		90.8	80-120			
Surrogate: 4-Bromofluorobenzene	102		"	100		102	80-120			

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EE50906 - General Preparation (Prep)

Blank (EE50906-BLK1)

Prepared: 05/09/05 Analyzed: 05/10/05

% Moisture	ND	0.1	%							
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Duplicate (EE50906-DUP1)

Source: 5E09001-01

Prepared: 05/09/05 Analyzed: 05/10/05

% Moisture	2.7	0.1	%		3.0			10.5	20	
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Batch EE51108 - Water Extraction

Blank (EE51108-BLK1)

Prepared & Analyzed: 05/10/05

Chloride	ND	0.500	mg/kg							
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LCS (EE51108-BS1)

Prepared & Analyzed: 05/10/05

Chloride	10.3		mg/L	10.0		103	80-120			
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Calibration Check (EE51108-CCV1)

Prepared & Analyzed: 05/10/05

Chloride	10.6		mg/L	10.0		106	80-120			
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Duplicate (EE51108-DUP1)

Source: 5E09009-01

Prepared & Analyzed: 05/10/05

Chloride	871	25.0	mg/kg		841			3.50	20	
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Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Jct. C-19
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/20/05 13:29

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:

Raland K. Tuttle

Date:

5/20/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 8 of 8

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon

Company Name Rice Operating Company

Company Address: 122 W Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No: 505-393-9174

Fax No: 505-397-1471

Sampler Signature:

[illegible]

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice

Date/Time: 5-06-05

Order #: 5E09010

Initials: MT

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	D-5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Chain of custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____
Regarding: _____

Corrective Action Taken:

RICE Operating Company

122 West Taylor
Hobbs, NM 88240
Phone: (505) 393-9174
Fax: (505) 397-1471

TO:

Carie

FROM:

Kristin

FAX NUMBER:

(432) 563-1713

DATE:

5-20-05

COMPANY:

ELOT

TOTAL NO. OF PAGE INCLUDING COVER:

2

RE:

Change sample ID

NOTES/COMMENTS:

Please change the sample ID for the analytical report of the sample with the project name "EME Jet. C-19", collected on 5-6-05.

Field code ID should be "Remediate Backfill Composite".

Springer - sampler

IF YOU DO NOT RECEIVE ALL PAGES INCLUDED, PLEASE CALL THE OFFICE PHONE NUMBER LISTED AT THE TOP OF THIS PAGE. THANK YOU

YRPCC

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Free Jax City

Project: 11-17-08

Project Loc: 35

游口

Fax No: 505-397-1471

[illegible]

RICE OPERATING COMPANY
122 WEST TAYLOR
HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
VOC FIELD TEST REPORT FORM
MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

COPY

MODEL NO: PGM 761S
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE
AIR
LOT NO: 02-22-30
EXP. DATE: 11-20-04
METER READING
ACCURACY: 100.1

SERIAL NO: 104412
100 PPM
BALANCE
FILL DATE: 5-20-03
ACCURACY: tor - 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	C-19	C	19	19-S	36-E

Source		5' East	
SAMPLE	PID RESULT	SAMPLE	PID RESULT
6' 149	1	4' 629	0
7' 209	1	5' 449	0
8' 239	1.5	6' 359	0
Hard Rock		7' 269	0
		8' 239	0
		Hard Rock	

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

R. P. Elam
Signature

6-10-11-04
Date

RICE OPERATING COMPANY
122 WEST TAYLOR
HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
VOC FIELD TEST REPORT FORM
MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE
AIR
LOT NO: 02-22-30
EXP. DATE: 11-20-04
METER READING
ACCURACY: 100.1

SERIAL NO: 104412
100 PPM
BALANCE
FILL DATE: 5-20-03
ACCURACY: + or - 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	C-19	C	19	19-5	36-E

5' West		10' West	
SAMPLE	PID RESULT	SAMPLE	PID RESULT
4' 179	0	719	0
5' 3,358	0	809	0
6' 239	0	1739	0
7' 269	0	1199	0
8' 629	0	659	0
Hard Rock		Hard Rock	
/		/	

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

Rb Elam
Signature

6-10-11-04
Date

RICE OPERATING COMPANY
122 WEST TAYLOR
HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
VOC FIELD TEST REPORT FORM
MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE
AIR
LOT NO: 02-22-30
EXP. DATE: 11-20-04
METER READING
ACCURACY: 100.1

SERIAL NO: 104412
100 PPM
BALANCE
FILL DATE: 5-20-03
ACCURACY: ± 0.2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	C-19	C	19	19-S	36E

5' North		10' North	
SAMPLE	PID RESULT	SAMPLE	PID RESULT
3' 209	0		
4' 149	0	959	0
5' 149	0	1289	0
6' 5,398	0	1049	0
Hard Rock		Hard Rock	
/		/	

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

Al Chen
Signature

6-10-11-04
Date

RICE OPERATING COMPANY
122 WEST TAYLOR
HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
VOC FIELD TEST REPORT FORM
MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE
AIR
LOT NO: 02-22-30
EXP. DATE: 11-20-04
METER READING
ACCURACY: 100.1

SERIAL NO: 104412
100 PPM
BALANCE
FILL DATE: 5-20-03
ACCURACY: + or - 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	C-19	C	19	19-S	36-E

5' South			
SAMPLE	PID RESULT	SAMPLE	PID RESULT
Chloride			
4' 389	0		
5' 329	0		
6' 299	0		
7' 389	0		
8' 209	0		
Hard Rock			

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

R. A. Clam
Signature

6-11-04
Date