1R – 427 - 174

REPORTS

DATE:

12-9-05

EME State Q EOL
Boot

IR0427-174

Disclosure Report

RICE OPERATING COMPANY
JUNCTION BOX **DISCLOSURE*** REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	State 'Q' EOL boot	J	16	20S	37E	Lea	12	8	6

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 19-50 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/5/2004 Date Completed 2/28/2005 OCD Witness No

Soil Excavated 133 cubic yards Excavation Length 30 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/29/2004 Sample Depth 12 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 = 0.1 ppm				<10.0	<10.0	63.8
BOTTOM COMP.	0.0223	0.28	0.806	3.104	651	2730	479
BACKFILL COMP.	PID = 10.1 ppm				30.8	465	<20.0

General Description of Remedial Action: This junction box contained a boot. This box site was delineated using a backhoe while PID screenings and chloride field tests were performed on the soil samples that were collected at regular intervals. Chloride concentrations were elevated and did not relent throughout the 30 x 10 x 12-ft-deep excavation. PID levels were also elevated. Lab results confirmed that TPH concentrations at 12 ft did not meet NMOCD guidelines. The excavation was backfilled with the excavated soil that was blended on site. An identification plate has been placed on the surface to the mark the junction box for future environmental considerations. NMOCD was notified on 6/29/2005 of potential groundwater impac at this site.

ADDITIONAL EVALUATION IS *HIGH* PRIORITY

enclosures: chloride graph, photos, lab results, PID screenings, plan-view, BTEX table

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical at junction box	7	202
	8	289
	9	260
	10	318
	11	434
	12	405
	13	550
	14	724
	15	608
	16	724
	17	898
	18	956

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

SITE SUPERVISOR Joe Gatts SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 12/9/2005 TITLE Project Scientist

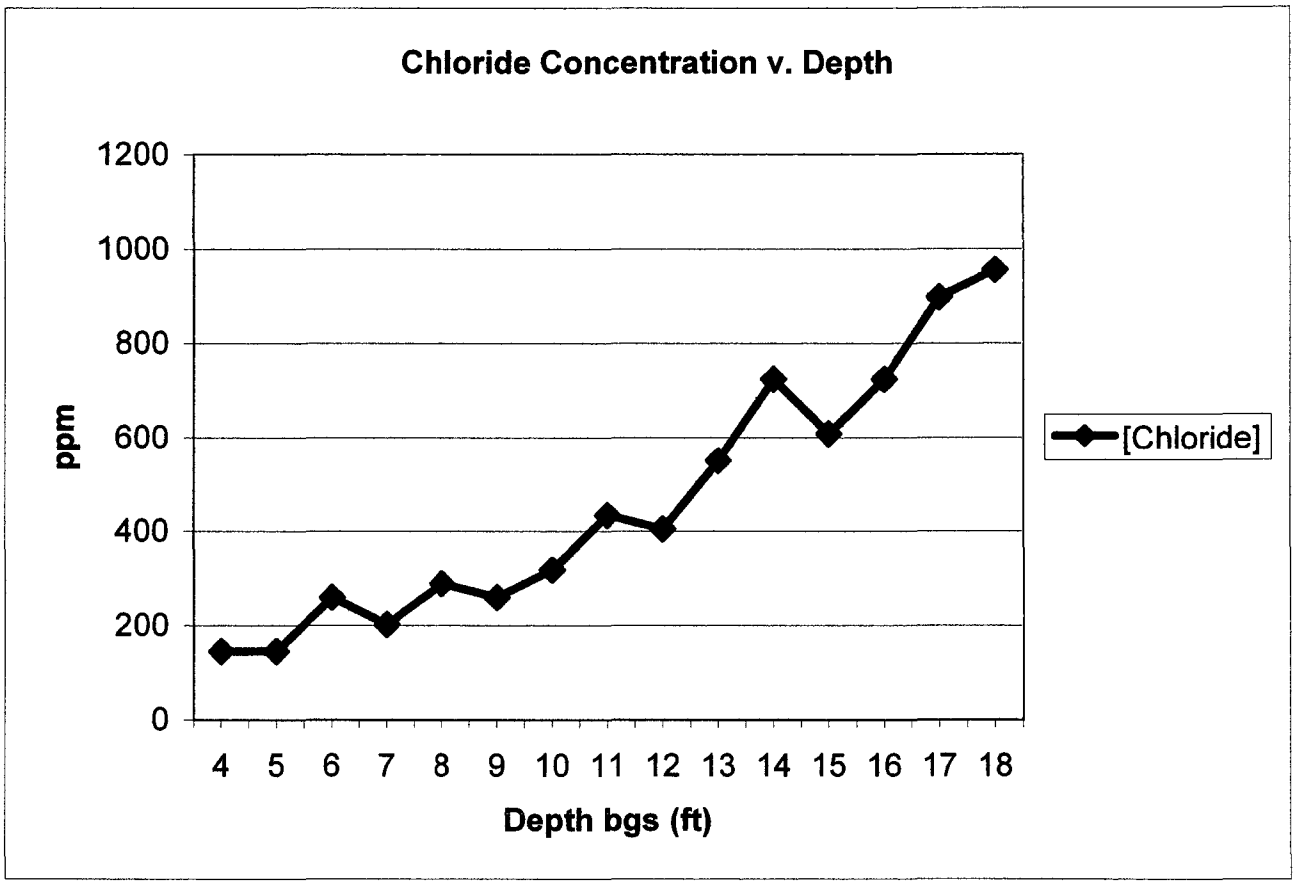
**** This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.***

EME State 'Q' EOL boot

unit 'J', sec. 16, T20S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl⁻] ppm
4	145
5	145
6	260
7	202
8	289
9	260
10	318
11	434
12	405
13	550
14	724
15	608
16	724
17	898
18	956



Groundwater = 19-50 ft

EME Amerada St. 'Q' EOL

Unit 'J', Sec. 16, T20S, R37E

undisturbed junction box with boot 8/17/2004

new pipeline and plumbing 10/6/2004

NORM decontaminated and box removed 10/6/2004

delineation & excavation 11/5/2004

30 x 10 x 12-ft-deep excavation 11/29/2004

backfilling and compacting 2/8/2005

complete junction box 4/14/2005

seeding 12/6/2005

2005 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: EME
Site: Amerada St. 'Q' EOL
Date: 11/29/2004
Sampler: Joe Gatts
Laboratory: Environmental Lab of Texas

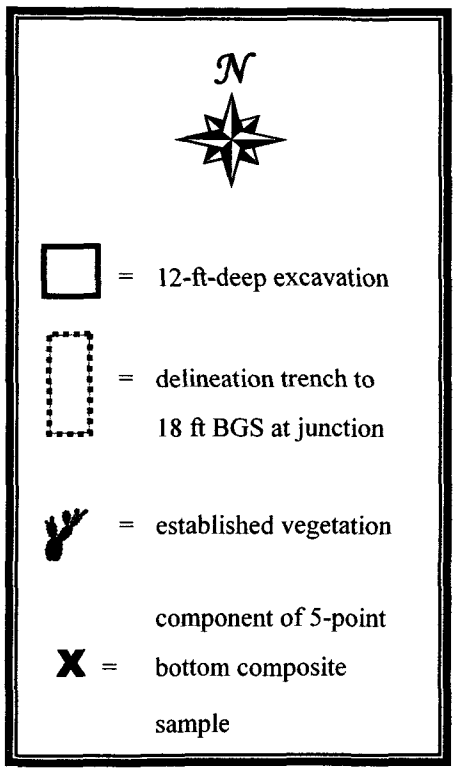
Location	Component Sample	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	1	102.6	0.0223	0.280	0.806	3.104
	2	104.7				
	3	468.0				
	4	172.0				
	5	16.6				
			LAB COMPOSITE (mg/kg)			
			0.0201	0.243	0.811	2.706

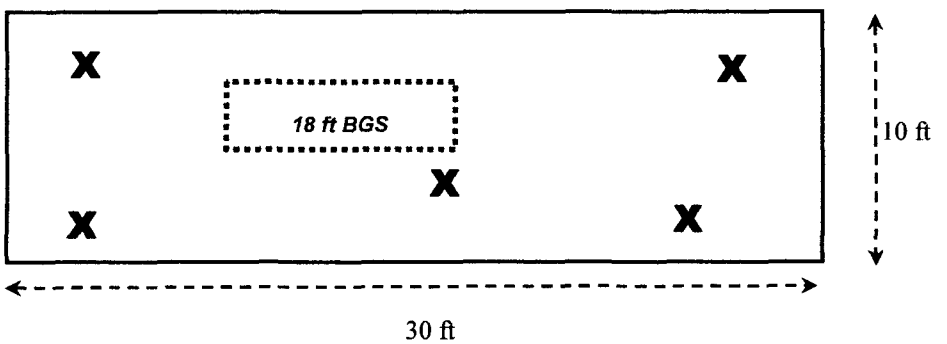
Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

EME State 'Q' EOL boot

30 x 10 x 12 ft Excavation Plan View





ENVIRONMENTAL LAB OF
12600 West I-20 East - Odessa, Texas 79765

COPY

Analytical Report

Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: EME Amerada St. Q

Project Number: None Given

Location: None Given

Lab Order Number: 4K30012

Report Date: 12/06/04

Rice Operating Co.	Project: EME Amerada St. Q	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/06/04 08:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Lab Composite Bottom at 12'	4K30012-01	Soil	11/29/04 09:30	11/30/04 10:35
Bottom Comp. at 12' (field)	4K30012-02	Soil	11/29/04 09:40	11/30/04 10:35
4 Wall Comp.	4K30012-03	Soil	11/29/04 09:50	11/30/04 10:35
Remd. Backfill	4K30012-04	Soil	11/29/04 10:00	11/30/04 10:35

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/06/04 08:41

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab Composite Bottom at 12' (4K30012-01) Soil									
Benzene	**J [0.0201]**	0.0250	mg/kg dry	25	EL40310	12/02/04	12/02/04	EPA 8021B	J
Toluene	**0.243**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.811**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**2.33**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.376**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*164 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*119 %*	*80-120*		"	"	"	"	
Bottom Comp. at 12' (field) (4K30012-02) Soil									
Benzene	**J [0.0223]**	0.0250	mg/kg dry	25	EL40310	12/02/04	12/02/04	EPA 8021B	J
Toluene	**0.280**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.806**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**2.66**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.444**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*175 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*130 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**651**	10.0	"	1	EK43006	11/30/04	11/30/04	EPA 8015M	
Diesel Range Organics >C12-C35	**2730**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**3380**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*112 %*	*70-130*		"	"	"	"	
4 Wall Comp. (4K30012-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK43006	11/30/04	12/01/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*97.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*104 %*	*70-130*		"	"	"	"	
Remd. Backfill (4K30012-04) Soil									
Gasoline Range Organics C6-C12	**30.8**	10.0	mg/kg dry	1	EK43006	11/30/04	12/01/04	EPA 8015M	
Diesel Range Organics >C12-C35	**465**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**496**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*100 %*	*70-130*		"	"	"	"	

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/06/04 08:41

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab Composite Bottom at 12' (4K30012-01) Soil									
% Moisture	**19.0**		%	1	EL40103	11/30/04	12/01/04	% calculation	
Bottom Comp. at 12' (field) (4K30012-02) Soil									
Chloride	**479**	20.0	mg/kg Wet	2	EL40110	11/30/04	12/01/04	SW 846 9253	
% Moisture	**19.0**		%	1	EL40103	11/30/04	12/01/04	% calculation	
4 Wall Comp. (4K30012-03) Soil									
Chloride	**63.8**	20.0	mg/kg Wet	2	EL40110	11/30/04	12/01/04	SW 846 9253	
% Moisture	**6.0**		%	1	EL40103	11/30/04	12/01/04	% calculation	
Remd. Backfill (4K30012-04) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EL40110	11/30/04	12/01/04	SW 846 9253	
% Moisture	**8.0**		%	1	EL40103	11/30/04	12/01/04	% calculation	

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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
Batch EK43006 - Solvent Extraction (GC)										
Blank (EK43006-BLK1)				Prepared & Analyzed: 11/30/04						
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*		"	*50.0*		*78.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.8*		"	*50.0*		*81.6*	*70-130*			
Blank (EK43006-BLK2)				Prepared: 11/30/04 Analyzed: 12/01/04						
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	*37.3*		"	*50.0*		*74.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.8*		"	*50.0*		*71.6*	*70-130*			
LCS (EK43006-BS1)				Prepared & Analyzed: 11/30/04						
Gasoline Range Organics C6-C12	423	10.0	mg/kg wet	500		84.6	75-125			
Diesel Range Organics >C12-C35	482	10.0	"	500		96.4	75-125			
Total Hydrocarbon C6-C35	905	10.0	"	1000		90.5	75-125			
Surrogate: 1-Chlorooctane	*40.2*		"	*50.0*		*80.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.1*		"	*50.0*		*76.2*	*70-130*			
LCS (EK43006-BS2)				Prepared: 11/30/04 Analyzed: 12/01/04						
Gasoline Range Organics C6-C12	427	10.0	mg/kg wet	500		85.4	75-125			
Diesel Range Organics >C12-C35	453	10.0	"	500		90.6	75-125			
Total Hydrocarbon C6-C35	880	10.0	"	1000		88.0	75-125			
Surrogate: 1-Chlorooctane	*43.6*		"	*50.0*		*87.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.6*		"	*50.0*		*79.2*	*70-130*			
Calibration Check (EK43006-CCV1)				Prepared & Analyzed: 11/30/04						
Gasoline Range Organics C6-C12	484		mg/kg	500		96.8	80-120			
Diesel Range Organics >C12-C35	504		"	500		101	80-120			
Total Hydrocarbon C6-C35	988		"	1000		98.8	80-120			
Surrogate: 1-Chlorooctane	*56.2*		*mg/kg wet*	*50.0*		*112*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.0*		"	*50.0*		*104*	*70-130*			

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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
Batch EK43006 - Solvent Extraction (GC)										
Calibration Check (EK43006-CCV2)				Prepared: 11/30/04 Analyzed: 12/01/04						
Gasoline Range Organics C6-C12	453		mg/kg	500		90.6	80-120			
Diesel Range Organics >C12-C35	491		"	500		98.2	80-120			
Total Hydrocarbon C6-C35	944		"	1000		94.4	80-120			
Surrogate: 1-Chlorooctane	*53.0*		*mg/kg wet*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.4*		*"*	*50.0*		*94.8*	*70-130*			
Matrix Spike (EK43006-MS1)		**Source: 4K29005-01**		Prepared & Analyzed: 11/30/04						
Gasoline Range Organics C6-C12	483	10.0	mg/kg dry	538	ND	89.8	75-125			
Diesel Range Organics >C12-C35	497	10.0	"	538	ND	92.4	75-125			
Total Hydrocarbon C6-C35	980	10.0	"	1080	ND	90.7	75-125			
Surrogate: 1-Chlorooctane	*59.0*		*"*	*53.8*		*110*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.5*		*"*	*53.8*		*97.6*	*70-130*			
Matrix Spike (EK43006-MS2)		**Source: 4K30021-05**		Prepared: 11/30/04 Analyzed: 12/01/04						
Gasoline Range Organics C6-C12	512	10.0	mg/kg dry	538	ND	95.2	75-125			
Diesel Range Organics >C12-C35	564	10.0	"	538	ND	105	75-125			
Total Hydrocarbon C6-C35	1080	10.0	"	1080	ND	100	75-125			
Surrogate: 1-Chlorooctane	*54.9*		*"*	*53.8*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.4*		*"*	*53.8*		*86.2*	*70-130*			
Matrix Spike Dup (EK43006-MSD1)		**Source: 4K29005-01**		Prepared & Analyzed: 11/30/04						
Gasoline Range Organics C6-C12	496	10.0	mg/kg dry	538	ND	92.2	75-125	2.66	20	
Diesel Range Organics >C12-C35	506	10.0	"	538	ND	94.1	75-125	1.79	20	
Total Hydrocarbon C6-C35	1000	10.0	"	1080	ND	92.6	75-125	2.02	20	
Surrogate: 1-Chlorooctane	*56.7*		*"*	*53.8*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.9*		*"*	*53.8*		*94.6*	*70-130*			
Matrix Spike Dup (EK43006-MSD2)		**Source: 4K30021-05**		Prepared: 11/30/04 Analyzed: 12/01/04						
Gasoline Range Organics C6-C12	509	10.0	mg/kg dry	538	ND	94.6	75-125	0.588	20	
Diesel Range Organics >C12-C35	537	10.0	"	538	ND	99.8	75-125	4.90	20	
Total Hydrocarbon C6-C35	1050	10.0	"	1080	ND	97.2	75-125	2.82	20	
Surrogate: 1-Chlorooctane	*51.2*		*"*	*53.8*		*95.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.9*		*"*	*53.8*		*79.7*	*70-130*			

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/06/04 08:41

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
Batch EL40310 - EPA 5030C (GC)										
Blank (EL40310-BLK1)				Prepared & Analyzed: 12/02/04						
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	*0.108*		"	*0.100*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0873*		"	*0.100*		*87.3*	*80-120*			
LCS (EL40310-BS1)				Prepared: 12/02/04 Analyzed: 12/03/04						
Benzene	80.5		ug/kg	100		80.5	80-120			
Toluene	81.5		"	100		81.5	80-120			
Ethylbenzene	101		"	100		101	80-120			
Xylene (p/m)	234		"	200		117	80-120			
Xylene (o)	115		"	100		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.107*		*mg/kg wet*	*0.100*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.100*		*109*	*80-120*			
Calibration Check (EL40310-CCV1)				Prepared & Analyzed: 12/02/04						
Benzene	89.4		ug/kg	100		89.4	80-120			
Toluene	89.2		"	100		89.2	80-120			
Ethylbenzene	100		"	100		100	80-120			
Xylene (p/m)	227		"	200		114	80-120			
Xylene (o)	118		"	100		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.119*		*mg/kg wet*	*0.100*		*119*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.100*		*105*	*80-120*			
Matrix Spike (EL40310-MS1)	**Source: 4L02002-03**			Prepared & Analyzed: 12/02/04						
Benzene	81.7		ug/kg	100	ND	81.7	80-120			
Toluene	85.6		"	100	ND	85.6	80-120			
Ethylbenzene	101		"	100	ND	101	80-120			
Xylene (p/m)	233		"	200	ND	116	80-120			
Xylene (o)	114		"	100	ND	114	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.134*		*mg/kg dry*	*0.116*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.135*		"	*0.116*		*116*	*80-120*			

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Hobbs NM, 88240	Project Manager: Roy Rascon	12/06/04 08:41

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
Batch EL40310 - EPA 5030C (GC)										
Matrix Spike Dup (EL40310-MSD1)	**Source: 4L02002-03**			Prepared & Analyzed: 12/02/04						
Benzene	84.6		ug/kg	100	ND	84.6	80-120	3.49	20	
Toluene	88.2		"	100	ND	88.2	80-120	2.99	20	
Ethylbenzene	102		"	100	ND	102	80-120	0.985	20	
Xylene (p/m)	235		"	200	ND	118	80-120	1.71	20	
Xylene (o)	117		"	100	ND	117	80-120	2.60	20	
Surrogate: a,a,a-Trifluorotoluene	*0.124*		*mg/kg dry*	*0.116*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.137*		*"*	*0.116*		*118*	*80-120*			

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Rice Operating Co.	Project: EME Amerada St. Q	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/06/04 08:41

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
Batch EL40103 - General Preparation (Prep)										
Blank (EL40103-BLK1)				Prepared: 11/30/04 Analyzed: 12/01/04						
% Moisture	0.0		%							
Duplicate (EL40103-DUP1)		**Source: 4K29005-01**		Prepared: 11/30/04 Analyzed: 12/01/04						
% Moisture	7.0		%		7.0			0.00	20	
Batch EL40110 - General Preparation (WetChem)										
Blank (EL40110-BLK1)				Prepared & Analyzed: 12/01/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EL40110-MS1)		**Source: 4K24003-01**		Prepared: 11/24/04 Analyzed: 12/01/04						
Chloride	1220	20.0	mg/kg Wet	500	787	86.6	80-120			
Matrix Spike Dup (EL40110-MSD1)		**Source: 4K24003-01**		Prepared: 11/24/04 Analyzed: 12/01/04						
Chloride	1220	20.0	mg/kg Wet	500	787	86.6	80-120	0.00	20	
Reference (EL40110-SRM1)				Prepared & Analyzed: 12/01/04						
Chloride	5000		mg/kg	5000		100	80-120			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/06/04 08:41

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
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: 12/6/2004

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.

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
4K30012-02	8021B BTEX	a,a,a-Trifluorotoluene	S-04
4K30012-02	8021B BTEX	4-Bromofluorobenzene	S-04
4K30012-01	8021B BTEX	a,a,a-Trifluorotoluene	S-04
4K30012-02	8021B BTEX	a,a,a-Trifluorotoluene	Exceeds upper control limit
4K30012-02	8021B BTEX	4-Bromofluorobenzene	Exceeds upper control limit
4K30012-01	8021B BTEX	a,a,a-Trifluorotoluene	Exceeds upper control limit
	TPH 8015	(Soil)	J-Flags used
	8021B BTEX	(Soil)	J-Flags used
	8021B BTEX	(Soil)	RPD calculations based on %Recovery
	TPH 8015	(Soil)	Result calculations based on MDL
	8021B BTEX	(Soil)	Result calculations based on MDL
			Default Report (not modified)

Environmental Lab of Texas, Inc.

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 Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174
Fax No: (505) 397-1471
Sampler Signature: Joe Gatt

Project Name: EME AMERADA St. Q
Project #:
Project Loc:
PO #:

4K 30012

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4oz glass	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (Specify)	Analyze For: TCLP: TOTAL: TPH CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030								RUSH TAT (Pre-Schedule)	Standard TAT
	Bottom #1 at 12'	11/29/04	930	1	X									X									X									
	Bottom #2 at 12'	11/29/04	931	1	X									X																		
-01	Bottom #3 at 12'	11/29/04	932	1	X									X																		
	Bottom #4 at 12'	11/29/04	933	1	X									X																		
	Bottom #5 at 12'	11/29/04	934	1	X									X									X									
-02	Bottom Comp at 12' (Field)	11/29/04	940	1	X									X		X			X				X									
-03	4 WALL COMP	11/29/04	950	1	X									X		X			X													
-04	REMD BACKFILL	11/29/04	1000	1	X									X		X			X													

Special Instructions:
Composite Bottom #1, 2, 3, 4, 5 (5 pt Lab Composite) Run BTEX only

Sample Containers Intact? (Y) N
Temperature Upon Receipt:
Laboratory Comments: 6.5°C

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Gatt	11/30/04	10:35			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			[illegible]	11-30-04	1055

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 11-30-04 @ 1200

Order #: 4K 30012

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	0.5 C
Shipping container/cooler in good condition?	(Yes)	No	
Custody Seals intact on shipping container/cooler?	Yes	No	(Not present)
Custody Seals intact on sample bottles?	Yes	No	(Not present)
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	(Yes)	No	
Container labels legible and intact?	(Yes)	No	
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

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: 03-2475 56
EXP. DATE: 2/13/05
METER READING
ACCURACY: 100.1

SERIAL NO: 104412
100 PPM
BALANCE
FILL DATE: 8/13/03
ACCURACY: + or -2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	AMERADA St. Q	J	16	20	37

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Bottom #1 12'	102.6		
Bottom #2 12'	104.7		
Bottom #3 12'	46.8		
Bottom #4 12'	17.2		
Bottom #5 12'	16.6		
15' East Wall	0.1		
15' West Wall	0.1		
5' North Wall	0.1		
5' South Wall	0.1		
Bottom Comp 12'	22.3		
4 WALL Comp	0.1		
REMD. BACKFILL	10.1		

grab samples at 12 ft bottom

All composite samples

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

Joe Stott
Signature

11/29/04
Date