1R - 427 - 166

REPORTS

DATE:

12-29-04

EME Semu ECL

IR0427-166

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	SEMU EOL	P	15	20S	37E	Lea	moved 25 ft south		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER S & W Cattle Co. OTHER _____

Depth to Groundwater 78 * feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 8/2/2004 Date Completed 8/16/2004 OCD Witness No

Soil Excavated 360 cubic yards Excavation Length 27 Width 30 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 8/6/2004 **Sample Depth** 12 ft

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

Sample Location	Benzene ppm	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chloride mg/kg
bottom @ 12 ft	0.0391	0.531	1.57	6.09	394.0	1610	1150
remediated backfill	PID = 48.9				35.0	504	702

General Description of Remedial Action: This end-of-line (EOL) box was located southwest of an active production facility. The junction was moved 25 ft south with the pipeline replacement and a new watertight box was built. The old box was delineated using a backhoe while PID screenings and chloride field tests were performed at regular intervals. Although chloride concentrations declined laterally from the junction, concentrations did not decline with depth. NMOCD TPH guidelines were not met within the 27 x 30 x 12-ft-deep excavation. The excavated soil was blended on site and then backfilled into the excavation. The disturbed surface has been seeded with a blend of native vegetation. NMOCD has been notified of potential groundwater impact at this site. An identification plate has been placed on the surface to mark the location of the former junction box for future environmental considerations.

ADDITIONAL EVALUATION IS *MEDIUM* PRIORITY

* According to several sources, there are no confirmed groundwater level measurements in this area. The reported groundwater depth is an estimate based on regional gradient.

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

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical at junction box	6	1574
	7	1874
	8	2150
	9	2115
	10	1982
	11	2147
	12	2301
4-wall comp.	n/a	1385
bottom comp.	12	887
remed. backfill	n/a	633

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

SITE SUPERVISOR Joe Gatts SIGNATURE Joe Gatts COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 12/29/2004 TITLE Project Scientist

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

EME SEMU EOL

unit 'P', sec. 15, T20S, R37E

undisturbed junction box 11/6/2003

new junction and plumbing moved 25 ft south of former 6/11/2004

beginning excavation & delineation at old box site 8/2/2004

delineation 15 ft south of junction (looking west) 8/4/2004

final 27 x 30 x 12 ft excavation 8/6/2004

backfilling excavation (with new junction box) 8/13/2004

identification plate at former box site 1/4/2005

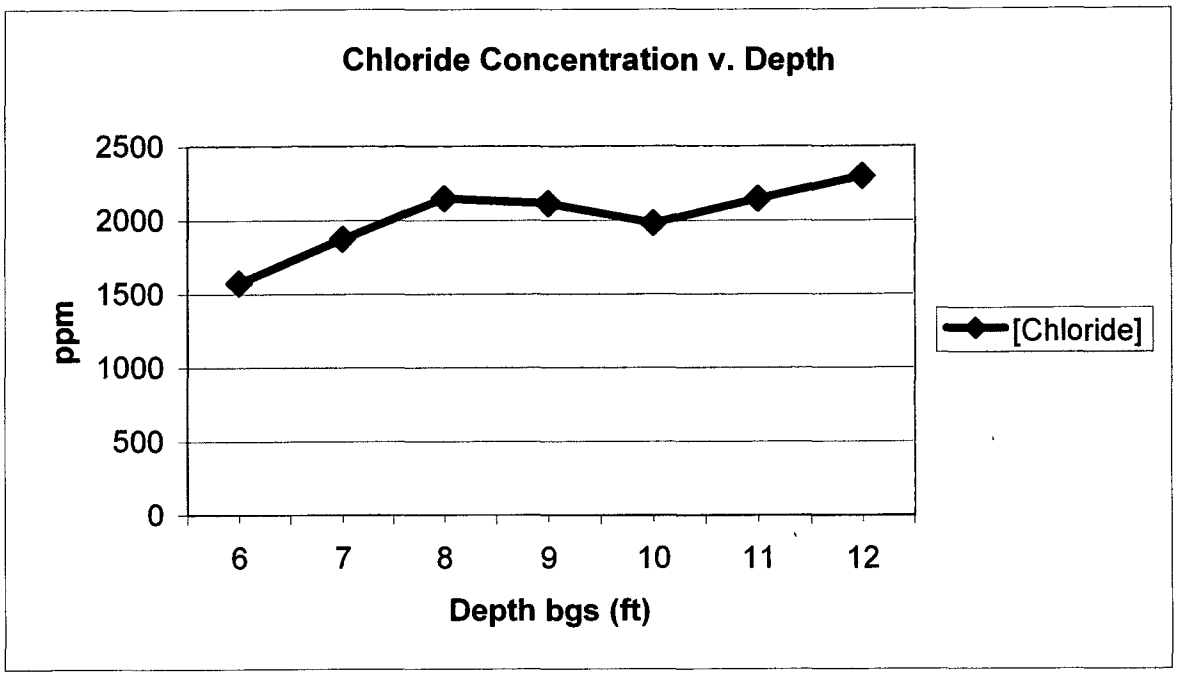
EME SEMU EOL

unit 'P', Sec. 15, T20S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl^-] ppm
6	1574
7	1874
8	2150
9	2115
10	1982
11	2147
12	2301

Groundwater = 78 ft



ENVIRONMENTAL LAB OF

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 Conoco SEMU EOL
Project Number: None Given
Location: EME

Lab Order Number: 4H12002

Report Date: 08/17/04

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Lab Comp. West Wall 2,3	4H12002-01	Soil	08/06/04 09:17	08/12/04 07:45
West Wall Comp.	4H12002-02	Soil	08/06/04 10:40	08/12/04 07:45
North Wall #3	4H12002-03	Soil	08/06/04 08:30	08/12/04 07:45
North Wall Comp.	4H12002-04	Soil	08/06/04 10:35	08/12/04 07:45
Lab Comp. East Wall 3,4	4H12002-05	Soil	08/06/04 09:18	08/12/04 07:45
East Wall Comp.	4H12002-06	Soil	08/06/04 10:25	08/12/04 07:45
Remd. Backfill	4H12002-07	Soil	08/06/04 11:00	08/12/04 07:45

The Remediated Backfill composite sample ("Remd. Backfill") was field-collected; results are valid. The other samples were collected incorrectly and results are considered invalid.

KP 12-29-04

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

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab Comp. West Wall 2,3 (4H12002-01) Soil									
Benzene	**0.227**	0.0500	mg/kg dry	50	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**1.77**	0.0500	"	"	"	"	"	"	
Ethylbenzene	**1.97**	0.0500	"	"	"	"	"	"	
Xylene (p/m)	**12.0**	0.0500	"	"	"	"	"	"	
Xylene (o)	**2.50**	0.0500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*142 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*139 %*	*80-120*		"	"	"	"	*S-04*
West Wall Comp. (4H12002-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**0.0419**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0506**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.247**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0383**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**99.5**	10.0	mg/kg dry	1	EH41207	08/12/04	08/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	**515**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**614**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*117 %*	*70-130*		"	"	"	"	
North Wall #3 (4H12002-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.7 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.9 %*	*80-120*		"	"	"	"	

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
North Wall Comp. (4H12002-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*80.4 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EH41207	08/12/04	08/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	**65.9**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**65.9**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.6 %*	*70-130*		"	"	"	"	
Lab Comp. East Wall 3,4 (4H12002-05) Soil									
Benzene	**0.453**	0.0250	mg/kg dry	25	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**3.89**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**6.69**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**14.4**	0.0250	"	"	"	"	"	"	
Xylene (o)	**5.15**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*664 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*142 %*	*80-120*		"	"	"	"	*S-04*
East Wall Comp. (4H12002-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**0.0721**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.108**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.422**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.118**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.3 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**171**	10.0	mg/kg dry	1	EH41207	08/12/04	08/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	**704**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**875**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*126 %*	*70-130*		"	"	"	"	

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remd. Backfill (4H12002-07) Soil									
Gasoline Range Organics C6-C12	**35.0**	10.0	mg/kg dry	1	EH41207	08/12/04	08/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	**504**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**539**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*127 %*	*70-130*		"	"	"	"	

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab Comp. West Wall 2,3 (4H12002-01) Soil									
% Solids	**82.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
West Wall Comp. (4H12002-02) Soil									
Chloride	**510**	20.0	mg/kg Wet	2	EH41709	08/12/04	08/17/04	SW 846 9253	
% Solids	**95.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
North Wall #3 (4H12002-03) Soil									
% Solids	**86.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
North Wall Comp. (4H12002-04) Soil									
Chloride	**2870**	20.0	mg/kg Wet	2	EH41709	08/12/04	08/17/04	SW 846 9253	
% Solids	**95.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
Lab Comp. East Wall 3,4 (4H12002-05) Soil									
% Solids	**81.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
East Wall Comp. (4H12002-06) Soil									
Chloride	**617**	20.0	mg/kg Wet	2	EH41709	08/12/04	08/17/04	SW 846 9253	
% Solids	**92.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
Remd. Backfill (4H12002-07) Soil									
Chloride	**702**	20.0	mg/kg Wet	2	EH41709	08/12/04	08/17/04	SW 846 9253	
% Solids	**98.0**		%	1	EH41301	08/12/04	08/12/04	% 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 EH41207 - Solvent Extraction (GC)										
Blank (EH41207-BLK1)				Prepared & Analyzed: 08/12/04						
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	*43.9*		*mg/kg*	*50.0*		*87.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.5*		*"*	*50.0*		*89.0*	*70-130*			
Blank (EH41207-BLK2)				Prepared & Analyzed: 08/12/04						
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	*43.3*		*mg/kg*	*50.0*		*86.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.7*		*"*	*50.0*		*89.4*	*70-130*			
LCS (EH41207-BS1)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	440	10.0	mg/kg wet	500		88.0	75-125			
Diesel Range Organics >C12-C35	484	10.0	"	500		96.8	75-125			
Total Hydrocarbon C6-C35	924	10.0	"	1000		92.4	75-125			
Surrogate: 1-Chlorooctane	*50.4*		*mg/kg*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.4*		*"*	*50.0*		*86.8*	*70-130*			
LCS (EH41207-BS2)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	414	10.0	mg/kg wet	500		82.8	75-125			
Diesel Range Organics >C12-C35	410	10.0	"	500		82.0	75-125			
Total Hydrocarbon C6-C35	824	10.0	"	1000		82.4	75-125			
Surrogate: 1-Chlorooctane	*36.3*		*mg/kg*	*50.0*		*72.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.4*		*"*	*50.0*		*78.8*	*70-130*			
Calibration Check (EH41207-CCV1)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	442		mg/kg	500		88.4	80-120			
Diesel Range Organics >C12-C35	496		"	500		99.2	80-120			
Total Hydrocarbon C6-C35	938		"	1000		93.8	80-120			
Surrogate: 1-Chlorooctane	*49.5*		*"*	*50.0*		*99.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.4*		*"*	*50.0*		*80.8*	*70-130*			

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

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 EH41207 - Solvent Extraction (GC)										
Calibration Check (EH41207-CCV2)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	465		mg/kg	500		93.0	80-120			
Diesel Range Organics >C12-C35	513		"	500		103	80-120			
Total Hydrocarbon C6-C35	978		"	1000		97.8	80-120			
Surrogate: 1-Chlorooctane	*51.9*		"	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.5*		"	*50.0*		*89.0*	*70-130*			
Matrix Spike (EH41207-MS1)		**Source: 4H12002-04**		Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	518	10.0	mg/kg dry	526	ND	98.5	75-125			
Diesel Range Organics >C12-C35	684	10.0	"	526	65.9	118	75-125			
Total Hydrocarbon C6-C35	1200	10.0	"	1050	65.9	108	75-125			
Surrogate: 1-Chlorooctane	*56.9*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*59.2*		"	*50.0*		*118*	*70-130*			
Matrix Spike (EH41207-MS2)		**Source: 4H12008-07**		Prepared: 08/12/04 Analyzed: 08/13/04						
Gasoline Range Organics C6-C12	587	10.0	mg/kg dry	575	ND	102	75-125			
Diesel Range Organics >C12-C35	643	10.0	"	575	ND	112	75-125			
Total Hydrocarbon C6-C35	1230	10.0	"	1150	ND	107	75-125			
Surrogate: 1-Chlorooctane	*56.8*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.7*		"	*50.0*		*103*	*70-130*			
Matrix Spike Dup (EH41207-MSD1)		**Source: 4H12002-04**		Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	541	10.0	mg/kg dry	526	ND	103	75-125	4.34	20	
Diesel Range Organics >C12-C35	667	10.0	"	526	65.9	114	75-125	2.52	20	
Total Hydrocarbon C6-C35	1210	10.0	"	1050	65.9	109	75-125	0.830	20	
Surrogate: 1-Chlorooctane	*61.2*		*mg/kg*	*50.0*		*122*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.9*		"	*50.0*		*116*	*70-130*			
Matrix Spike Dup (EH41207-MSD2)		**Source: 4H12008-07**		Prepared: 08/12/04 Analyzed: 08/13/04						
Gasoline Range Organics C6-C12	583	10.0	mg/kg dry	575	ND	101	75-125	0.684	20	
Diesel Range Organics >C12-C35	630	10.0	"	575	ND	110	75-125	2.04	20	
Total Hydrocarbon C6-C35	1210	10.0	"	1150	ND	105	75-125	1.64	20	
Surrogate: 1-Chlorooctane	*56.3*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.7*		"	*50.0*		*107*	*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 EH41605 - EPA 5030C (GC)										
Blank (EH41605-BLK1)				Prepared & Analyzed: 08/12/04						
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	*86.4*		*ug/kg*	*100*		*86.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*81.3*		"	*100*		*81.3*	*80-120*			
LCS (EH41605-BS1)				Prepared: 08/12/04 Analyzed: 08/13/04						
Benzene	93.2		ug/kg	100		93.2	80-120			
Toluene	98.9		"	100		98.9	80-120			
Ethylbenzene	103		"	100		103	80-120			
Xylene (p/m)	217		"	200		108	80-120			
Xylene (o)	111		"	100		111	80-120			
Surrogate: a,a,a-Trifluorotoluene	*97.0*		"	*100*		*97.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*98.5*		"	*100*		*98.5*	*80-120*			
Calibration Check (EH41605-CCV1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Benzene	93.5		ug/kg	100		93.5	80-120			
Toluene	97.9		"	100		97.9	80-120			
Ethylbenzene	98.3		"	100		98.3	80-120			
Xylene (p/m)	212		"	200		106	80-120			
Xylene (o)	109		"	100		109	80-120			
Surrogate: a,a,a-Trifluorotoluene	*96.7*		"	*100*		*96.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*94.8*		"	*100*		*94.8*	*80-120*			
Matrix Spike (EH41605-MS1)	**Source: 4H12002-03**			Prepared: 08/12/04 Analyzed: 08/15/04						
Benzene	97.9		ug/kg	100	ND	97.9	80-120			
Toluene	95.0		"	100	ND	95.0	80-120			
Ethylbenzene	96.7		"	100	ND	96.7	80-120			
Xylene (p/m)	206		"	200	ND	103	80-120			
Xylene (o)	103		"	100	ND	103	80-120			
Surrogate: a,a,a-Trifluorotoluene	*88.2*		"	*100*		*88.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*87.0*		"	*100*		*87.0*	*80-120*			

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 EH41605 - EPA 5030C (GC)										
Matrix Spike Dup (EH41605-MSD1)	**Source: 4H12002-03**			Prepared: 08/12/04 Analyzed: 08/15/04						
Benzene	98.4		ug/kg	100	ND	98.4	80-120	0.509	20	
Toluene	96.0		"	100	ND	96.0	80-120	1.05	20	
Ethylbenzene	97.6		"	100	ND	97.6	80-120	0.926	20	
Xylene (p/m)	209		"	200	ND	104	80-120	0.966	20	
Xylene (o)	105		"	100	ND	105	80-120	1.92	20	
Surrogate: a,a,a-Trifluorotoluene	*91.0*		"	*100*		*91.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.0*		"	*100*		*91.0*	*80-120*			

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

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 EH41301 - General Preparation (Prep)										
Blank (EH41301-BLK1)				Prepared & Analyzed: 08/12/04						
% Solids	100		%							
Duplicate (EH41301-DUP1)		**Source: 4H12001-01**		Prepared & Analyzed: 08/12/04						
% Solids	87.0		%		86.0			1.16	20	
Batch EH41709 - Water Extraction										
Blank (EH41709-BLK1)				Prepared & Analyzed: 08/17/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EH41709-MS1)		**Source: 4H12001-04**		Prepared & Analyzed: 08/17/04						
Chloride	564	20.0	mg/kg Wet	500	74.4	97.9	80-120			
Matrix Spike Dup (EH41709-MSD1)		**Source: 4H12001-04**		Prepared & Analyzed: 08/17/04						
Chloride	574	20.0	mg/kg Wet	500	74.4	99.9	80-120	1.76	20	
Reference (EH41709-SRM1)				Prepared & Analyzed: 08/17/04						
Chloride	4840		mg/kg	5000		96.8	80-120			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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: 8-18-04

Raland K. Tuttle, QA Officer
Celey D. Keene, Lab Director, Org. Tech Director
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sara Molina, Chemist
Sandra Biezugbe, Lab Tech.

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: Ray 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 Conoco SEMU Eol
Project #:
Project Loc: EME
PO #: 510

4H12002

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: TDS (Cl, SAR/EC)	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	TOTAL: Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030		RUSH TAT (Pre-Schedule)	Standard TAT
	West WALL #2	8/6/04	9:15	1	X									X									X			
-01	West WALL #3	8/6/04	9:17	1	X									X									X	Composite (01)		
-02	West WALL Comp	8/6/04	10:40	1	X									X		X			X				X			
-03	North WALL #3	8/6/04	8:30	1	X									X									X			
-04	North WALL Comp	8/6/04	10:35	1	X									X		X			X				X			
	East WALL #3	8/6/04	9:21	1	X									X												
-05	East WALL #4	8/6/04	9:18	1	X									X									X	Composite (05)		
-06	East WALL Comp	8/6/04	10:25	1	X									X		X			X				X			
-07	REMD. BACKFILL	8/6/04	11:00	1	X									X		X			X							

Special Instructions:
Comp West WALL #2, #3 BTEX only; Composite East WALL #3 #4
BTEX o.m.

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Gatt	8/11/04	4:30	[signature]	8/11/04	18:00
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
[signature]	8/12/04	7:45	Jeanne McMurrey	8-12-04	0745

Sample Containers Intact? Y X N
Temperature Upon Receipt: 1.5°C
Laboratory Comments:

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

Client: Rice Operating

Date/Time: 08-12-04 @ 0830

Order #: 411 12002

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	1.5 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:

_____

_____

_____

_____

_____

_____

_____

_____

ENVIRONMENTAL LAB OF

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 Conoco SEMU EOL
Project Number: None Given
Location: EME

Lab Order Number: 4H12001

Report Date: 08/17/04

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Lab Comp. Bottom 2,3,4,5	4H12001-01	Soil	08/06/04 09:07	08/12/04 07:45
√Bottom Comp. at 12' bgs	4H12001-02	Soil	08/06/04 10:00	08/12/04 07:45
Lab Comp. South Wall 2,4,5	4H12001-03	Soil	08/06/04 09:30	08/12/04 07:45
South Wall Comp.	4H12001-04	Soil	08/06/04 10:20	08/12/04 07:45

Bottom field composite ("Bottom Comp. at 12' bgs") is valid. The other samples were collected incorrectly. KP 12-29-04

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

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab Comp. Bottom 2,3,4,5 (4H12001-01) Soil									
Benzene	**2.08**	0.0500	mg/kg dry	50	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**24.9**	0.0500	"	"	"	"	"	"	
Ethylbenzene	**25.1**	0.0500	"	"	"	"	"	"	
Xylene (p/m)	**38.0**	0.0500	"	"	"	"	"	"	
Xylene (o)	**20.0**	0.0500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*716 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
Bottom Comp. at 12' bgs (4H12001-02) Soil									
Benzene	**0.0391**	0.0250	mg/kg dry	25	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**0.531**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**1.57**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**4.10**	0.0250	"	"	"	"	"	"	
Xylene (o)	**1.99**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*127 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**394**	10.0	mg/kg dry	1	EH41207	08/12/04	08/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	**1610**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**2000**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	
Lab Comp. South Wall 2,4,5 (4H12001-03) Soil									
Benzene	**1.25**	0.0500	mg/kg dry	50	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**8.95**	0.0500	"	"	"	"	"	"	
Ethylbenzene	**3.55**	0.0500	"	"	"	"	"	"	
Xylene (p/m)	**27.5**	0.0500	"	"	"	"	"	"	
Xylene (o)	**10.3**	0.0500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*700 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*135 %*	*80-120*		"	"	"	"	*S-04*

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

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
South Wall Comp. (4H12001-04) Soil									
Benzene	**0.0839**	0.0250	mg/kg dry	25	EH41605	08/12/04	08/13/04	EPA 8021B	
Toluene	**0.649**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.507**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**5.90**	0.0250	"	"	"	"	"	"	
Xylene (o)	**1.46**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*137 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*131 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**891**	10.0	mg/kg dry	1	EH41207	08/12/04	08/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	**2950**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**3840**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*126 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*161 %*	*70-130*		"	"	"	"	*S-04*

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Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lab Comp. Bottom 2,3,4,5 (4H12001-01) Soil									
% Solids	**86.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
Bottom Comp. at 12' bgs (4H12001-02) Soil									
Chloride	**1150**	20.0	mg/kg Wet	2	EH41709	08/12/04	08/17/04	SW 846 9253	
% Solids	**88.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
Lab Comp. South Wall 2,4,5 (4H12001-03) Soil									
% Solids	**84.0**		%	1	EH41301	08/12/04	08/12/04	% calculation	
South Wall Comp. (4H12001-04) Soil									
Chloride	**74.4**	20.0	mg/kg Wet	2	EH41709	08/12/04	08/17/04	SW 846 9253	
% Solids	**91.0**		%	1	EH41301	08/12/04	08/12/04	% 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 EH41207 - Solvent Extraction (GC)										
Blank (EH41207-BLK1)				Prepared & Analyzed: 08/12/04						
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	*43.9*		*mg/kg*	*50.0*		*87.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.5*		*"*	*50.0*		*89.0*	*70-130*			
Blank (EH41207-BLK2)				Prepared & Analyzed: 08/12/04						
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	*43.3*		*mg/kg*	*50.0*		*86.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.7*		*"*	*50.0*		*89.4*	*70-130*			
LCS (EH41207-BS1)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	440	10.0	mg/kg wet	500		88.0	75-125			
Diesel Range Organics >C12-C35	484	10.0	"	500		96.8	75-125			
Total Hydrocarbon C6-C35	924	10.0	"	1000		92.4	75-125			
Surrogate: 1-Chlorooctane	*50.4*		*mg/kg*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.4*		*"*	*50.0*		*86.8*	*70-130*			
LCS (EH41207-BS2)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	414	10.0	mg/kg wet	500		82.8	75-125			
Diesel Range Organics >C12-C35	410	10.0	"	500		82.0	75-125			
Total Hydrocarbon C6-C35	824	10.0	"	1000		82.4	75-125			
Surrogate: 1-Chlorooctane	*36.3*		*mg/kg*	*50.0*		*72.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.4*		*"*	*50.0*		*78.8*	*70-130*			
Calibration Check (EH41207-CCV1)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	442		mg/kg	500		88.4	80-120			
Diesel Range Organics >C12-C35	496		"	500		99.2	80-120			
Total Hydrocarbon C6-C35	938		"	1000		93.8	80-120			
Surrogate: 1-Chlorooctane	*49.5*		*"*	*50.0*		*99.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.4*		*"*	*50.0*		*80.8*	*70-130*			

Rice Operating Co.	Project: EME Conoco SEMU EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/04 16:00

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 EH41207 - Solvent Extraction (GC)										
Calibration Check (EH41207-CCV2)				Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	465		mg/kg	500		93.0	80-120			
Diesel Range Organics >C12-C35	513		"	500		103	80-120			
Total Hydrocarbon C6-C35	978		"	1000		97.8	80-120			
Surrogate: 1-Chlorooctane	*51.9*		*"*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.5*		*"*	*50.0*		*89.0*	*70-130*			
Matrix Spike (EH41207-MS1)		**Source: 4H12002-04**		Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	518	10.0	mg/kg dry	526	ND	98.5	75-125			
Diesel Range Organics >C12-C35	684	10.0	"	526	65.9	118	75-125			
Total Hydrocarbon C6-C35	1200	10.0	"	1050	65.9	108	75-125			
Surrogate: 1-Chlorooctane	*56.9*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*59.2*		*"*	*50.0*		*118*	*70-130*			
Matrix Spike (EH41207-MS2)		**Source: 4H12008-07**		Prepared: 08/12/04 Analyzed: 08/13/04						
Gasoline Range Organics C6-C12	587	10.0	mg/kg dry	575	ND	102	75-125			
Diesel Range Organics >C12-C35	643	10.0	"	575	ND	112	75-125			
Total Hydrocarbon C6-C35	1230	10.0	"	1150	ND	107	75-125			
Surrogate: 1-Chlorooctane	*56.8*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.7*		*"*	*50.0*		*103*	*70-130*			
Matrix Spike Dup (EH41207-MSD1)		**Source: 4H12002-04**		Prepared & Analyzed: 08/12/04						
Gasoline Range Organics C6-C12	541	10.0	mg/kg dry	526	ND	103	75-125	4.34	20	
Diesel Range Organics >C12-C35	667	10.0	"	526	65.9	114	75-125	2.52	20	
Total Hydrocarbon C6-C35	1210	10.0	"	1050	65.9	109	75-125	0.830	20	
Surrogate: 1-Chlorooctane	*61.2*		*mg/kg*	*50.0*		*122*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.9*		*"*	*50.0*		*116*	*70-130*			
Matrix Spike Dup (EH41207-MSD2)		**Source: 4H12008-07**		Prepared: 08/12/04 Analyzed: 08/13/04						
Gasoline Range Organics C6-C12	583	10.0	mg/kg dry	575	ND	101	75-125	0.684	20	
Diesel Range Organics >C12-C35	630	10.0	"	575	ND	110	75-125	2.04	20	
Total Hydrocarbon C6-C35	1210	10.0	"	1150	ND	105	75-125	1.64	20	
Surrogate: 1-Chlorooctane	*56.3*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.7*		*"*	*50.0*		*107*	*70-130*			

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

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 EH41605 - EPA 5030C (GC)										
Blank (EH41605-BLK1)				Prepared & Analyzed: 08/12/04						
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	*86.4*		*ug/kg*	*100*		*86.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*81.3*		*"*	*100*		*81.3*	*80-120*			
LCS (EH41605-BS1)				Prepared: 08/12/04 Analyzed: 08/13/04						
Benzene	93.2		ug/kg	100		93.2	80-120			
Toluene	98.9		"	100		98.9	80-120			
Ethylbenzene	103		"	100		103	80-120			
Xylene (p/m)	217		"	200		108	80-120			
Xylene (o)	111		"	100		111	80-120			
Surrogate: a,a,a-Trifluorotoluene	*97.0*		*"*	*100*		*97.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*98.5*		*"*	*100*		*98.5*	*80-120*			
Calibration Check (EH41605-CCV1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Benzene	93.5		ug/kg	100		93.5	80-120			
Toluene	97.9		"	100		97.9	80-120			
Ethylbenzene	98.3		"	100		98.3	80-120			
Xylene (p/m)	212		"	200		106	80-120			
Xylene (o)	109		"	100		109	80-120			
Surrogate: a,a,a-Trifluorotoluene	*96.7*		*"*	*100*		*96.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*94.8*		*"*	*100*		*94.8*	*80-120*			
Matrix Spike (EH41605-MS1)	**Source: 4H12002-03**			Prepared: 08/12/04 Analyzed: 08/15/04						
Benzene	97.9		ug/kg	100	ND	97.9	80-120			
Toluene	95.0		"	100	ND	95.0	80-120			
Ethylbenzene	96.7		"	100	ND	96.7	80-120			
Xylene (p/m)	206		"	200	ND	103	80-120			
Xylene (o)	103		"	100	ND	103	80-120			
Surrogate: a,a,a-Trifluorotoluene	*88.2*		*"*	*100*		*88.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*87.0*		*"*	*100*		*87.0*	*80-120*			

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 EH41605 - EPA 5030C (GC)										
Matrix Spike Dup (EH41605-MSD1)	**Source: 4H12002-03**			Prepared: 08/12/04 Analyzed: 08/15/04						
Benzene	98.4		ug/kg	100	ND	98.4	80-120	0.509	20	
Toluene	96.0		"	100	ND	96.0	80-120	1.05	20	
Ethylbenzene	97.6		"	100	ND	97.6	80-120	0.926	20	
Xylene (p/m)	209		"	200	ND	104	80-120	0.966	20	
Xylene (o)	105		"	100	ND	105	80-120	1.92	20	
Surrogate: a,a,a-Trifluorotoluene	*91.0*		*"*	*100*		*91.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.0*		*"*	*100*		*91.0*	*80-120*			

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 EH41301 - General Preparation (Prep)										
Blank (EH41301-BLK1)				Prepared & Analyzed: 08/12/04						
% Solids	100		%							
Duplicate (EH41301-DUP1)		**Source: 4H12001-01**		Prepared & Analyzed: 08/12/04						
% Solids	87.0		%		86.0			1.16	20	
Batch EH41709 - Water Extraction										
Blank (EH41709-BLK1)				Prepared & Analyzed: 08/17/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EH41709-MS1)		**Source: 4H12001-04**		Prepared & Analyzed: 08/17/04						
Chloride	564	20.0	mg/kg Wet	500	74.4	97.9	80-120			
Matrix Spike Dup (EH41709-MSD1)		**Source: 4H12001-04**		Prepared & Analyzed: 08/17/04						
Chloride	574	20.0	mg/kg Wet	500	74.4	99.9	80-120	1.76	20	
Reference (EH41709-SRM1)				Prepared & Analyzed: 08/17/04						
Chloride	4840		mg/kg	5000		96.8	80-120			

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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: 8-18-04

Raland K. Tuttle, QA Officer
Celey D. Keene, Lab Director, Org. Tech Director
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sara Molina, Chemist
Sandra Biezugbe, Lab Tech.

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: Ray Rascon
Company Name: RICE Operating
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174 631-5075 Fax No: (505) 397-1471
Sampler Signature: Joe Gatt

Project Name: EME Conoco SEMU Eol
Project #:
Project Loc: EME
PO #: 510

4H1200'

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: TDS / 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 at 12' #2	8/6/04	9:10	1	X									X											
	Bottom at 12' #3	8/6/04	9:00	1	X									X											
	Bottom at 12' #4	8/6/04	9:04	1	X									X											
	Bottom at 12' #5	8/6/04	9:07	1	X									X									X Composite (01)		
-01	Bott Comp at 12' bgs	8/6/04	10:00	1	X									X		X			X				X		
-02	South WALL #2	8/6/04	9:25	1	X									X											
	South WALL #4	8/6/04	9:27	1	X									X											
-03	South WALL #5	8/6/04	9:30	1	X									X									X Composite (03)		
-04	South WALL Comp	8/6/04	10:20	1	X									X		X			X				X		

Special Instructions:
Composite Bottom #2, #3, #4, #5; BTEX only | Composite South WALL #2 #4 #5 BTEX only

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Gatt	8/11/04	4:30	CD Haynes	8/11/04	18:00
CD Haynes	8/12/04	7:45	Received by ELOT: Cyndi McKinney	8-12-04	0745

Sample Containers Intact? Y N
Temperature Upon Receipt: 1.5°C
Laboratory Comments:

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

Client: Rice Operating

Date/Time: 08-12-04 @ 0830

Order #: 4H12001

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	1.5 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
SERIAL NO: 104490
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE 100 PPM
AIR BALANCE
LOT NO: 02-22-30
FILL DATE: 5/20/03
EXP. DATE: 11/20/04
ACCURACY: + or - 290
METER READING
ACCURACY: 100.1

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	Conoco SEMU Eo1	P	15	20	37

SAMPLE	PID RESULT	SAMPLE	PID RESULT
15'N. WALL comp	21.5	N. WALL #4	32.1
12'S. WALL comp	499	N. WALL #5	45.6
15'E. WALL comp	263	S. WALL #1	17.4
15'W. WALL comp	188	S. WALL #2	1068
12' Bott. comp	1172	S. WALL #3	1310
Bott. #1 12'	35.2	S. WALL #4	788
Bott. #2 12'	1012	S. WALL #5	32.6
Bott. #3 12'	457	W. WALL #1	45.6
Bott. #4 12'	374	W. WALL #2	1274
Bott. #5 12'	170	W. WALL #3	506
N. WALL #1	2.5	W. WALL #4	314
N. WALL #2	14.6	W. WALL #5	21.5
N. WALL #3	267	REMO BACKFILL	48.9

12'

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

Joe Hatt
Signature

8/6/04
Date