1R - 427 - /87

REPORTS

DATE:

10-11-05

Eme Amerada Mattern

1R0427-187

Final Report

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

			JONGTI						
	·	γ		BOX LOCA	·	 			
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	·	IMENSIONS	
EME	Amerada Mattern EOL	к	20	198	37E	Lea	Length	Width iminated-no	Depth
L1	WILLIAM LOL	<u> </u>	L		L	ł ,	<u> </u>	minace 10	
LAND TYPE: B	LMST/	ATE	FEE LAND		Jimmie T. Co Jimmie B (OTHER		
Depth to Groun	dwater	40	_feet	NMOCD	SITE ASSE	SSMENT F	RANKING S	CORE:	20
Date Started	6/16/2	005	Date Co	mpleted	7/8/2005	NMOC	D Witness		no
Soil Excavated	44	cubic ya	ırds Exc	cavation Le	ngth 10	Width	10	Depth	12 fee
Soil Disposed	0	cubic ya	ırds Oî	fsite Facility	n	/a	Location	l	n/a
-	TICAL BE	SI II TS:	Commi	lo Onto	6/17/200	ne.	Commin D	onth	10 (
INAL ANALY	-	om and 4-p	oint compo		of excavation	on sidewalls		EX, and chic	
INAL ANALY	sample of botto	om and 4-p d by using a	oint compo an approved	 sito sample	of excavation	on sidewalls lures pursua	. TPH, BTI	EX, and chic	ride laborator
INAL ANALY -point composite :	sample of botto sults complete	om and 4-p d by using a	oint compos an approved	sito sample I lab and tos	of excavation	on sidewalls lures pursua	. TPH, BTI ant to NMO	EX, and chic CD guideline	oride laboratory es.
INAL ANALY -point composite stest res	sample of botto sults completed Benzene mg/kg	om and 4-p d by using a Tol	oint compos an approved	sito sample I lab and tos thylbonzone	of excavation of excession of exce	on sidewalls luros pursua les <u>G</u>	TPH, BTI	EX, and chic CD guideline DRO	oride laboratory es. <u>Chloride</u>
INAL ANALY -point composite : test res	sample of botto sults completed Benzene mg/kg <0.025	om and 4-p d by using a	oint compos an approved uono E	sito sample I lab and tos Ihvibonzone mg/kg	of excavation of except of excavation of except of e	on sidewalls lures pursus les G mg	TPH, BTI ant to NMO RO	EX, and chic CD guideline DRO mg/kg	oride laboratory es. <u>Chloride</u> mg/kg
INAL ANALY -point composite stest res Sample Location 4-WALL COMP.	Benzene mg/kg <0.025	om and 4-p d by using a Tole me <0.	oint composan approved	sito sample i lab and tos thylbonzone mg/kg <0.025	of excavations proceed Total Xyler mg/kg <0.025	on sidewalls lures pursus les <u>G</u> mg	TPH, BTI ant to NIMO RO Vkg	EX, and chic CD guideline DRO mg/kg <10.0	cride laboratory es. <u>Chloride</u> mg/kg 24.3
INAL ANALY -point composite : test res Sample Location 4-WALL COMP. BOTTOM COMP	Benzene mg/kg <0.025 <0.025	om and 4-p d by using a Tole me <0. <0.	oint compos an approved uono E g/kg 025 025	sito sample i lab and tos thylbonzone mg/kg <0.025 <0.025 <0.025	of excavation proced Total Xyler mg/kg <0.025 <0.025	on sidewalls lures pursus nes <u>G</u> mg <1 <1	TPH, BTI ant to NMO RO V/kg 0.0 0.0	DRO mg/kg	Chloride mg/kg 24.3 46.9
INAL ANALY -point composite stest res Sample Location 4-WALL COMP. BOTTOM COMP	Benzene mg/kg <0.025 <0.025	om and 4-p d by using a Tole mo <0. <0. Action:	oint composan approved uong Egykg 025 025 025	sito sample i lab and tos thylbonzone mg/kg <0.025 <0.025 <0.025	of excavation proceed Total Xyler mg/kg <0.025 <0.025 <0.025	on sidewalls ures pursus G mg <1 <1 <1	TPH, BTI ant to NMO RO V/kg 0.0 0.0	DRO mg/kg <10.0 <10.0	Chloride mg/kg 24.3 46.9 48.8
Point composite test res Sample Location 4-WALL COMP. BOTTOM COMP. REMED. BACKFIL	Benzene mg/kg <0.025 <0.025 L <0.025	om and 4-p d by using a Toli me <0. <0. <action:< td=""><td>oint composed an approved upon Fig/kg 025 025 025 025 025 025 025 025 025 025</td><td>sito sample I lab and tos Rhylbonzone mg/kg <0.025 <0.025 <0.025</td><td>of excavation proced Total Xyler mg/kg <0.025 <0.025 <0.025</td><td>on sidewalls ures pursus G mg <1 <1 <1</td><td>TPH, BTI ant to NMO RO V/kg 0.0 0.0 CHLOR</td><td>DRO mg/kg <10.0 <10.0 RIDE FIELD</td><td>Chloride mg/kg 24.3 46.9 48.8</td></action:<>	oint composed an approved upon Fig/kg 025 025 025 025 025 025 025 025 025 025	sito sample I lab and tos Rhylbonzone mg/kg <0.025 <0.025 <0.025	of excavation proced Total Xyler mg/kg <0.025 <0.025 <0.025	on sidewalls ures pursus G mg <1 <1 <1	TPH, BTI ant to NMO RO V/kg 0.0 0.0 CHLOR	DRO mg/kg <10.0 <10.0 RIDE FIELD	Chloride mg/kg 24.3 46.9 48.8
Point composite stest restriction Sample Location 4-WALL COMP. BOTTOM COMP. REMED. BACKFILL eneral Description	Benzence mg/kg <0.025 . <0.025 . <0.025 . <0.025 . <0.025 a of Remedial As Pipeline Repiace	om and 4-p d by using a Tole (0) (0) Action:	oint composed an approved upon Fig/kg 025 025 025 This End-Officer. The box is then delined	sito sample I lab and tos Invibonzone mg/kg <0.025 <0.025 <0.025 Line (EOL) jui	of excavaticating proced Total Xyler mg/kg <0.025 <0.025 <0.025	on sidewalls ures pursus G mg <1 <1 <1	TPH, BTI ant to NMO RO V/kg 0.0 0.0 CHLOR	DRO mg/kg <10.0 <10.0 RIDE FIELD	Chloride mg/kg 24.3 46.9 48.8 TESTS
INAL ANALY -point composite stest restres Sample Location 4-WALL COMP. BOTTOM COMP REMED. BACKFIL eneral Description an eliminated with file	Benzene mg/kg <0.025 <0.025 L <0.025 a of Remedial As Pipeline Kepiac defor NORM. The	om and 4-p d by using a Toli me <0. <0. <0. Action: continue Progra e location was al foot and field	oint composen approved ueno E g/kg 025 025 This End-Off arn. Tho box is then delinear	sito sample I lab and tos Chylbonzone mg/kg <0.025 <0.025 <0.025 Line (EOL) juritioner was rerected using a barallerido and volatile de la control de la con	Total Xyler mg/kg <0.025 <0.025 <0.025 anction box has moved and the other white originals.	on sidewalls ures pursus G mg <1 <1 <1	TPH, BTI ant to NMO RO V/kg 0.0 0.0 CHLOR	DRO mg/kg <10.0 <10.0 RIDE FIELD DEP1H (Chloride mg/kg 24.3 46.9 48.8 TESTS

General Description of Remedial Action: This Fnd-Of-Line (EOL) junction box has			
been eliminated with the Pipeline Replacement Program. The box lumber was removed and the	LOCATION	DEPTH (m)	ppm
site was decontaminated for NORM. The location was then delineated using a backhoe white		3	228
soil samples were collected every vertical foot and field-tested for chloride and veletile etganic		4	171
compounds (VOCs) using a PID. A 10 x 10 x 12-ft-deep excavation was produced and all		Ü	146
chloride concentrations were less than 250 ppm. BTEX, GRO, and DRO concentrations on the	vertical	6	260
final samples were non-detect by the laboratory. The excavated soil was blended on-site and	trench at	7	195
then backfilled into the excavation and contoured to the surrounding surface. The disturbed	junction	8	266
surface was seeded with a blend of native vegetation on 9/30/2005 and is expected to return to	box	9	152
productive capacity at a normal rate. A replacement junction box was not needed at this site.		10	179
because the pipeline junction has been climinated.		11	159
		12	209
	4-wall comp.	n/a	170
	bottom comp.	12	204
enclosures: photos, lab results	backfill comp.	n/a	142

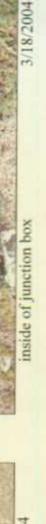
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Jorg	Hernandez SIGNATURE_	not available	COMPANY RICE Operating Company	_
REPORT ASSEMBLED BY	Kristin Farris Pope	SIGNATURE #171	run Jania Pape	
DATE	10/11/2005	TITLE	Project Scientist	

EME Amerada Mattern EOL



undisturbed junction box



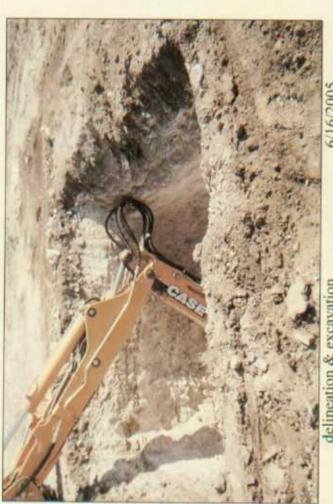


box lumber removed

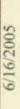


beginning excavation & delineation

6/16/2005







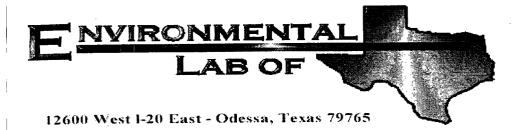


backfilling & compacting



contouring surface of backfilled site

7/8/2005





Analytical Report

Prepared for:

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

Project: EME Amerada Mattern EOL
Project Number: None Given
Location: None Given

Lab Order Number: 5F20003

Report Date: 06/22/05

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 06/22/05 15:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
4-Wall Composite	5F20003-01	Soil	06/17/05 10:56	06/17/05 18:00
Remediate Backfill	5F20003-02	Soil	06/17/05 11:03	06/17/05 18:00
Bottom Composite @ 12 ft.	5F20003-03	Soil	06/17/05 10:19	06/17/05 18:00

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
06/22/05 15:04

Organics by GC Environmental Lab of Texas

					1 -				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
4-Wall Composite (5F20003-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF52103	06/20/05	06/21/05	EPA 8021B	
Toluene	ND	0.0250	"	**	It	Ħ	**	11	
Ethylbenzene	ND	0.0250	u	11	**	11	11	tt	
Xylene (p/m)	ND	0.0250	**	11	If	н	tt	11	
Xylene (o)	ND	0.0250	n	n	*1	. "	H	n	
Surrogate: a,a,a-Trifluorotoluene		86.5 %	80-1	120	"	"	n	"	
Surrogate: 4-Bromofluorobenzene		106 %	80-1	120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EF52007	06/20/05	06/21/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	Ħ	Ħ	11	19	**	H	
Total Hydrocarbon C6-C35	ND	10.0	Ħ	11	*1	11	n	12	
Surrogate: 1-Chlorooctane		78.4 %	70-	130	"	"	"	"	
Surrogate: 1-Chlorooctadecane		87.6 %	70-	130	n	"	"	n .	
Remediate Backfill (5F20003-02) Soil						_			
Benzene	ND	0.0250	mg/kg dry	25	EF52103	06/20/05	06/21/05	EPA 8021B	
Toluene	ND	0.0250	#	n	11	н	п	tt	
Ethylbenzene	ND	0.0250	u	it.	11	11	11	н	
Xylene (p/m)	ND	0.0250	tt	11	"	**	**	"	
Xylene (o)	ND	0.0250	u	"	11	Ħ	n	tt	
Surrogate: a,a,a-Trifluorotoluene		86.3 %	80-	120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	80-	120	n	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EF52007	06/20/05	06/21/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	Ħ	19	11	11	Ħ	
Total Hydrocarbon C6-C35	ND	10.0	11	n	11	11	n	н	
Surrogate: 1-Chlorooctane	<u> </u>	78.8 %	70-	130	"	n .	"	"	
Surrogate: 1-Chlorooctadecane		91.4 %	70-	130	"	n	"	"	
Bottom Composite @ 12 ft. (5F20003	-03) Soil								
Benzene	ND	0.0250	mg/kg dry	25	EF52103	06/20/05	06/21/05	EPA 8021B	
Toluene	ND	0.0250	11	**	и	u.	**	11	
Ethylbenzene	ND	0.0250	ŧI	19	u	u	n	11	
Xylene (p/m)	ND	0.0250	11	и	11	11	"	н	
Xylene (o)	ND	0.0250	**	"	n	н		11	
Surrogate: a,a,a-Trifluorotoluene		87.3 %	80-	120	"	"	. "	"	
Surrogate: 4-Bromofluorobenzene		93.9 %		120	"	"	"	"	
Gasoline Range Organics C6-C12	ND		mg/kg dry		EF52007	06/20/05	06/21/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0		11	"	и	11	n	
Total Hydrocarbon C6-C35	ND	10.0		"	"	"	11	•	

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.

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
06/22/05 15:04

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Composite @ 12 ft. (5F2000	3-03) Soil								
Surrogate: 1-Chlorooctane		78.8 %	70-	130	EF52007	06/20/05	06/21/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		92.4 %	70-	130	"	"	"	"	

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon Fax: (505) 397-1471

Reported: 06/22/05 15:04

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4-Wall Composite (5F2000:	3-01) Soil								
Chloride	24.3	5.00	mg/kg	10	EF52210	06/21/05	06/21/05	EPA 300.0	
% Moisture	6.6	0.1	%	1	EF52105	06/20/05	06/21/05	% calculation	
Remediate Backfill (5F200	03-02) Soil								
Chloride	48.8	5.00	mg/kg	10	EF52210	06/21/05	06/21/05	EPA 300.0	
% Moisture	8.7	0.1	%	1	EF52105	06/20/05	06/21/05	% calculation	
Bottom Composite @ 12 ft.	. (5F20003-03) Soil								
Chloride	46.9	5.00	mg/kg	10	EF52210	06/21/05	06/21/05	EPA 300.0	
% Moisture	8.7	0.1	%	1	EF52105	06/20/05	06/22/05	% calculation	

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon

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Reported: 06/22/05 15:04

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 EF52007 - Solvent Extraction (
Blank (EF52007-BLK1)				Prepared	& Analyz	ed: 06/20/	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	11							
Surrogate: 1-Chlorooctane	36.3		mg/kg	50.0		72.6	70-130			
Surrogate: 1-Chlorooctadecane	35.4		"	50.0		70.8	70-130			
LCS (EF52007-BS1)				Prepared	& Analyz	ed: 06/20/	05			
Gasoline Range Organics C6-C12	426	10.0	mg/kg wet	500		85.2	75-125			
Diesel Range Organics >C12-C35	407	10.0	**	500		81.4	75-125			
Total Hydrocarbon C6-C35	833	10.0	**	1000		83.3	75-125			
Surrogate: 1-Chlorooctane	36.8		mg/kg	50.0		73.6	70-130			
Surrogate: 1-Chlorooctadecane	35.6		"	50.0		71.2	70-130			
Calibration Check (EF52007-CCV1)				Prepared:	: 06/20/05	Analyze	d: 06/21/05	1		
Gasoline Range Organics C6-C12	501		mg/kg	500		100	80-120			-
Diesel Range Organics >C12-C35	468		11	500		93.6	80-120			
Total Hydrocarbon C6-C35	969		11	1000		96.9	80-120			
Surrogate: 1-Chlorooctane	52.7		"	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	53.4		"	50.0		107	70-130			
Matrix Spike (EF52007-MS1)	So	ource: 5F170	28-01	Prepared	& Analyz	zed: 06/20	/05			
Gasoline Range Organics C6-C12	509	10.0	mg/kg dry	515	ND	98.8	75-125			
Diesel Range Organics >C12-C35	493	10.0	11	515	ND	95.7	75-125			
Total Hydrocarbon C6-C35	1000	10.0	It	1030	ND	97.1	75-125			
Surrogate: 1-Chlorooctane	51.5		mg/kg	50.0	- w-	103	70-130			
Surrogate: 1-Chlorooctadecane	49.6		"	50.0		99.2	70-130			
Matrix Spike Dup (EF52007-MSD1)	So	ource: 5F170	028-01	Prepared	& Analyz	zed: 06/20	/05			
Gasoline Range Organics C6-C12	487	10.0	mg/kg dry	515	ND	94.6	75-125	4.42	20	_
Diesel Range Organics >C12-C35	493	10.0	Ħ	515	ND	95.7	75-125	0.00	20	
Total Hydrocarbon C6-C35	980	10.0	n	1030	ND	95.1	75-125	2.02	20	
Surrogate: 1-Chlorooctane	50.6		mg/kg	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	49.5		"	50.0		99.0	70-130			

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon Fax: (505) 397-1471

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Organics by GC - Quality Control **Environmental Lab of Texas**

	D c a14	Reporting	T Inches	Spike	Source	0/ PEC	%REC	מממ	RPD Limit	Nata-
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF52103 - EPA 5030C (GC)										
Blank (EF52103-BLK1)				Prepared	& Analyzo	ed: 06/20/	05	_		
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	*1							
Ethylbenzene	ND	0.0250	11							
Xylene (p/m)	ND	0.0250	ll.							
Xylene (o)	ND .	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	84.8		ug/kg	100		84.8	80-120			
Surrogate: 4-Bromofluorobenzene	98.1		"	100		98.1	80-120			
LCS (EF52103-BS1)				Prepared:	06/20/05	Analyzed	1: 06/21/05			
Benzene	93.4		ug/kg	100		93.4	80-120			
Toluene	94.5		II.	100		94.5	80-120			
Ethylbenzene	86.7		11	100		86.7	80-120			
Xylene (p/m)	194		11	200		97.0	80-120			
Xylene (o)	86.6		tt	100		86.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	104		"	100		104	80-120			
Surrogate: 4-Bromofluorobenzene	117		"	100		117	80-120			
Calibration Check (EF52103-CCV1)				Prepared	: 06/20/05	Analyzed	d: 06/21/05	i		
Benzene	87.0		ug/kg	100		87.0	80-120			
Toluene	86.5		n	100		86.5	80-120			
Ethylbenzene	80.2		#	100		80.2	80-120			
Xylene (p/m)	172		"	200		86.0	80-120			
Xylene (o)	82.2		**	100		82.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	100		"	100		100	80-120			
Surrogate: 4-Bromofluorobenzene	101		"	100		101	80-120			
Matrix Spike (EF52103-MS1)	So	urce: 5F170	11-06	Prepared	: 06/20/05	Analyze	d: 06/21/05	5		
Benzene	2330		ug/kg	2500	ND	93.2	80-120			
Toluene	2350		11	2500	ND	94.0	80-120			
Ethylbenzene	2120		Ħ	2500	ND	84.8	80-120			
Xylene (p/m)	4650		"	5000	42.3	92.2	80-120			
Xylene (o)	2070		11	2500	ND	82.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	101		"	100		101	80-120			
Surrogate: 4-Bromofluorobenzene	115		"	100		115	80-120			

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 06/22/05 15:04

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting	Spike	Source		%REC			
Analyte	Result	Limit Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF52103 - EPA 5030C (GC)						·			
Matrix Spike Dup (EF52103-MSD1)	Sou	rce: 5F17011-06	Prepared	: 06/20/05	Analyzed	i: 06/21/05			
Benzene	2300	ug/kg	2500	ND	92.0	80-120	1.30	20	
Toluene	2390	ti.	2500	ND	95.6	80-120	1.69	20	
Ethylbenzene	2150	ņ	2500	ND	86.0	80-120	1.41	20	
Xylene (p/m)	4680	11	5000	42.3	92.8	80-120	0.649	20	
Xylene (o)	2180	u	2500	ND	87.2	80-120	5.18	20	
Surrogate: a,a,a-Trifluorotoluene	103	"	100		103	80-120			
Surrogate: 4-Bromofluorobenzene	120	"	100		120	80-120			

Project: EME Amerada Mattern EOL

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF52105 - General Preparation	(Prep)									
Blank (EF52105-BLK1)				Prepared:	06/20/05	Analyzed	: 06/21/05			
% Moisture	ND	0.1	%							
Duplicate (EF52105-DUP1)	So	urce: 5F1702	28-01	Prepared:	06/20/05	Analyzed	l: 06/21/05			
% Solids	96.4		%		97.1			0.724	20	
Batch EF52210 - Water Extraction					 					
Blank (EF52210-BLK1)				Prepared	& Analyz	ed: 06/21/	05			
Chloride	ND	0.500	mg/kg							
LCS (EF52210-BS1)				Prepared	& Analyz	ed: 06/21/	05			
Chloride	10.9		mg/L	10.0		109	80-120			
Calibration Check (EF52210-CCV1)				Prepared	& Analyz	ed: 06/21/	05			
Chloride	11.3		mg/L	10.0		113	80-120			
Duplicate (EF52210-DUP1)	So	urce: 5F2000	04-10	Prepared	& Analyz	ed: 06/21/	05			
Chloride	4470	100	mg/kg		4590			2.65	20	

Project: EME Amerada Mattern EOL

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471 Reported: 06/22/05 15:04

Notes and Definitions

Analyte DETECTED DET

Analyte NOT DETECTED at or above the reporting limit ND

Not Reported NR

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Duplicate Dup

Kalandk. Just Report Approved By: Date: 6-22-05

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

Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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 Name: Elyc / Mecade wettern Fol PO #: Project #: Project Loc: Fax No: 505-397-1471 Company Name Rice Operating Company city/State/Zip: Hobbs, NM 88240 Telephone No: 505-393-9174 Company Address: 122 W Taylor Project Manager: Roy Rascon

Sampler Signature:

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

Client: Rice Operating Co			-			
Date/Time: 06-17-05@1800						
Order #: 5 F 2 0 0 0 3						
Initials: Jmm						
Sample Receipt	Checkli	st				
Temperature of container/cooler?	Yes	No	-1,5	С		
Shipping container/cooler in good condition?	(Yes)	No				
Custody Seals intact on shipping container/cooler?	Yes	No	Not prese	ent		
Custody Seals intact on sample bottles?	(Yes)	No	Not present			
Chain of custody present?	(Yes)	No	1100 51000			
Sample Instructions complete on Chain of Custody?	Yes	No				
Chain of Custody signed when relinquished and received?	(res)	No				
\- <u></u>	Yes	No				
Chain of custody agrees with sample label(s)	res	No				
Container labels legible and intact?						
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?	res	No	· · · · · · · · · · · · · · · · · ·			
Preservations documented on Chain of Custody?	(Fes)	No				
Containers documented on Chain of Custody?	(ES)	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 Applic	able		
Other observations:						
Variance Documentation:						
Contact Person: Date/Time:			Contacted	l by:		
Regarding:						
		·····				
Corrective Action Taken:						
			·			