1R - 427-287

REPORTS

DATE:

8-11-08

EME Jct P-24

aka Jct I-24

IR427-297

Disclosure

RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. P-24	P	24	19S	36E	Lea	eliminated		

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

Depth to Groundwater 57 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40*

Date Started 11/22/2005 Date Completed 2/8/2006 OCD Witness no

Soil Excavated 889 cubic yards Excavation Length 40 Width 50 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 12/7/2005 **Sample Depth** 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of 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 = 12.8 (field)				56.0	546.0	428
BOTTOM COMP.	J[0.0167]	0.314	0.361	0.809	197.0	549.0	528
BACKFILL	PID = 83.7 (field)				12.1	403.0	305

General Description of Remedial Action: This junction was eliminated as part of the pipeline replacement/upgrade program. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals, producing a 40x50x12-ft-deep hole. Chloride field tests were performed on each sample. Organic vapors were measured using a PID, which yielded elevated levels. Representative composite samples were collected from the excavation bottom, walls, and excavated soil for commercial laboratory analysis of chloride, TPH, and BTEX. The excavated soil was blended on-site and returned to the excavation to ground surface and contoured to the surrounding area. On 2/13/2006, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. An identification plate was placed on the surface of the backfilled site to mark the location of the former junction for future environmental consideration. NMOCD was notified of potential groundwater impact on 8/11/2008.

**Jimmie Cooper water station 687 ft west.*

ADDITIONAL EVALUATION IS HIGH PRIORITY

enclosures: photos, lab results, PID screenings, BTEX comparison table, chloride curve

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	579
bottom comp.	12'	698
backfill comp.	n/a	484
vertical delineation trench 20 ft west of the former junction (source)	1'	188
	2'	121
	3'	150
	4'	144
	5'	176
	6'	169
	7'	324
	8'	391
	9'	409
	10'	417
	11'	519
	12'	590

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

SITE SUPERVISOR Kevin Collins SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 8-11-08

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

EME Jct. P-24

Unit P, Section 24, T19S, R36E

undisturbed junction box, facing north 3/29/2004

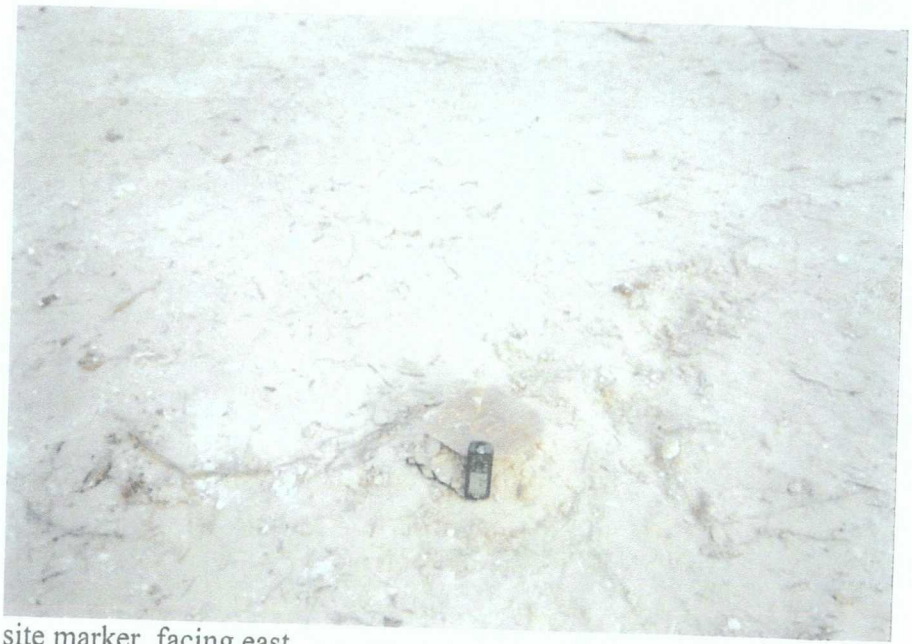
30x30x12-ft-deep excavation, facing south 11/22/2005

excavation of 20 ft south vertical to 12 ft BGS 11/28/2005

excavation of 25 ft west vertical to 12 ft BGS 11/30/2005

spreading top soil, facing west 2/8/2006

seeding backfill site 2/13/2006



site marker, facing east 2/20/2006

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

COPY

Project: EME Jct. P-24

Project Number: None Given

Location: None Given

Lab Order Number: 5L08002

Report Date: 12/15/05

Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Backfill	5L08002-01	Soil	12/07/05 13:00	12/08/05 08:00
Bottom 1-5 Lab Comp.@ 12ft	5L08002-02	Soil	12/07/05 13:25	12/08/05 08:00
4 Wall Comp.	5L08002-03	Soil	12/07/05 13:35	12/08/05 08:00
Bottom Field Comp. 12ft	5L08002-04	Soil	12/07/05 13:40	12/08/05 08:00

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

Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

Organics by GC

Environmental Lab of Texas

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Backfill (5L08002-01) Soil									
Gasoline Range Organics C6-C12	**12.1**	10.0	mg/kg dry	1	EL50804	12/08/05	12/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	**403**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**415**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*93.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*106 %*	*70-130*		"	"	"	"	
Bottom 1-5 Lab Comp.@ 12ft (5L08002-02) Soil									
Benzene	**0.0276**	0.0250	mg/kg dry	25	EL51207	12/09/05	12/09/05	EPA 8021B	
Toluene	**0.559**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.614**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**1.99**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.345**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*75.6 %*	*80-120*		"	"	"	"	*S-04*
4 Wall Comp. (5L08002-03) Soil									
Gasoline Range Organics C6-C12	**56.0**	10.0	mg/kg dry	1	EL50804	12/08/05	12/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	**546**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**602**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*109 %*	*70-130*		"	"	"	"	
Bottom Field Comp. 12ft (5L08002-04) Soil									
Benzene	**J [0.0167]**	0.0250	mg/kg dry	25	EL51207	12/09/05	12/09/05	EPA 8021B	J
Toluene	**0.314**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.361**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.600**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.209**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*74.3 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*55.6 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**197**	10.0	mg/kg dry	1	EL50804	12/08/05	12/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	**549**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**746**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*109 %*	*70-130*		"	"	"	"	

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Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Backfill (5L08002-01) Soil									
Chloride	**305**	10.0	mg/kg	20	EL50919	12/09/05	12/09/05	EPA 300.0	
% Moisture	**5.8**	0.1	%	1	EL50903	12/08/05	12/09/05	% calculation	
Bottom 1-5 Lab Comp.@ 12ft (5L08002-02) Soil									
% Moisture	**14.8**	0.1	%	1	EL50903	12/08/05	12/09/05	% calculation	
4 Wall Comp. (5L08002-03) Soil									
Chloride	**428**	10.0	mg/kg	20	EL50919	12/09/05	12/09/05	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	EL50903	12/08/05	12/09/05	% calculation	
Bottom Field Comp. 12ft (5L08002-04) Soil									
Chloride	**528**	10.0	mg/kg	20	EL50919	12/09/05	12/09/05	EPA 300.0	
% Moisture	**15.4**	0.1	%	1	EL50903	12/08/05	12/09/05	% calculation	

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Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

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 EL50804 - Solvent Extraction (GC)										
Blank (EL50804-BLK1)				Prepared & Analyzed: 12/08/05						
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	*49.5*		*mg/kg*	*50.0*		*99.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.7*		"	*50.0*		*97.4*	*70-130*			
LCS (EL50804-BS1)				Prepared & Analyzed: 12/08/05						
Gasoline Range Organics C6-C12	401	10.0	mg/kg wet	500		80.2	75-125			
Diesel Range Organics >C12-C35	498	10.0	"	500		99.6	75-125			
Total Hydrocarbon C6-C35	899	10.0	"	1000		89.9	75-125			
Surrogate: 1-Chlorooctane	*53.3*		*mg/kg*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.3*		"	*50.0*		*101*	*70-130*			
Calibration Check (EL50804-CCV1)				Prepared & Analyzed: 12/08/05						
Gasoline Range Organics C6-C12	431		mg/kg	500		86.2	80-120			
Diesel Range Organics >C12-C35	545		"	500		109	80-120			
Total Hydrocarbon C6-C35	976		"	1000		97.6	80-120			
Surrogate: 1-Chlorooctane	*57.8*		"	*50.0*		*116*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.9*		"	*50.0*		*110*	*70-130*			
Matrix Spike (EL50804-MS1)	**Source: 5L08001-01**			Prepared & Analyzed: 12/08/05						
Gasoline Range Organics C6-C12	429	10.0	mg/kg dry	564	ND	76.1	75-125			
Diesel Range Organics >C12-C35	560	10.0	"	564	20.7	95.6	75-125			
Total Hydrocarbon C6-C35	989	10.0	"	1130	20.7	85.7	75-125			
Surrogate: 1-Chlorooctane	*45.8*		*mg/kg*	*50.0*		*91.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.7*		"	*50.0*		*97.4*	*70-130*			
Matrix Spike Dup (EL50804-MSD1)	**Source: 5L08001-01**			Prepared & Analyzed: 12/08/05						
Gasoline Range Organics C6-C12	431	10.0	mg/kg dry	564	ND	76.4	75-125	0.465	20	
Diesel Range Organics >C12-C35	557	10.0	"	564	20.7	95.1	75-125	0.537	20	
Total Hydrocarbon C6-C35	988	10.0	"	1130	20.7	85.6	75-125	0.101	20	
Surrogate: 1-Chlorooctane	*45.3*		*mg/kg*	*50.0*		*90.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.8*		"	*50.0*		*97.6*	*70-130*			

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Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

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 EL51207 - EPA 5030C (GC)										
Blank (EL51207-BLK1)				Prepared & Analyzed: 12/09/05						
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	*44.0*		*ug/kg*	*40.0*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.9*		"	*40.0*		*99.8*	*80-120*			
LCS (EL51207-BS1)				Prepared & Analyzed: 12/09/05						
Benzene	0.0570	0.00100	mg/kg wet	0.0500		114	80-120			
Toluene	0.0596	0.00100	"	0.0500		119	80-120			
Ethylbenzene	0.0587	0.00100	"	0.0500		117	80-120			
Xylene (p/m)	0.115	0.00100	"	0.100		115	80-120			
Xylene (o)	0.0596	0.00100	"	0.0500		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	*45.0*		*ug/kg*	*40.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.6*		"	*40.0*		*106*	*80-120*			
LCS Dup (EL51207-BSD1)				Prepared & Analyzed: 12/09/05						
Benzene	0.0477	0.00100	mg/kg wet	0.0500		95.4	80-120	17.8	20	
Toluene	0.0529	0.00100	"	0.0500		106	80-120	11.6	20	
Ethylbenzene	0.0536	0.00100	"	0.0500		107	80-120	8.93	20	
Xylene (p/m)	0.102	0.00100	"	0.100		102	80-120	12.0	20	
Xylene (o)	0.0540	0.00100	"	0.0500		108	80-120	9.69	20	
Surrogate: a,a,a-Trifluorotoluene	*47.7*		*ug/kg*	*40.0*		*119*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.3*		"	*40.0*		*116*	*80-120*			
Calibration Check (EL51207-CCV1)				Prepared & Analyzed: 12/09/05						
Benzene	41.1		ug/kg	50.0		82.2	80-120			
Toluene	45.9		"	50.0		91.8	80-120			
Ethylbenzene	45.4		"	50.0		90.8	80-120			
Xylene (p/m)	88.4		"	100		88.4	80-120			
Xylene (o)	45.9		"	50.0		91.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*46.6*		"	*40.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.7*		"	*40.0*		*119*	*80-120*			

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Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

Organics by GC - Quality Control

Environmental Lab of Texas

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL51207 - EPA 5030C (GC)										
Matrix Spike (EL51207-MS1)	**Source: 5108002-04**		Prepared & Analyzed: 12/09/05							
Benzene	1.41	0.0250	mg/kg dry	1.48	0.0167	94.1	80-120			
Toluene	1.98	0.0250	"	1.48	0.314	113	80-120			
Ethylbenzene	2.04	0.0250	"	1.48	0.361	113	80-120			
Xylene (p/m)	4.05	0.0250	"	2.96	0.600	117	80-120			
Xylene (o)	1.87	0.0250	"	1.48	0.209	112	80-120			
Surrogate: a,a,a-Trifluorotoluene	*78.4*		*ug/kg*	*40.0*		*196*	*80-120*			*S-04*
Surrogate: 4-Bromofluorobenzene	*67.2*		*"*	*40.0*		*168*	*80-120*			*S-04*

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Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

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 EL50903 - General Preparation (Prep)										
Blank (EL50903-BLK1)				Prepared: 12/08/05 Analyzed: 12/09/05						
% Solids	100		%							
Duplicate (EL50903-DUP1)	**Source: 5L08001-01**			Prepared: 12/08/05 Analyzed: 12/09/05						
% Solids	87.6		%		88.6			1.14	20	
Batch EL50919 - Water Extraction										
Blank (EL50919-BLK1)				Prepared & Analyzed: 12/09/05						
Chloride	ND	0.500	mg/kg							
LCS (EL50919-BS1)				Prepared & Analyzed: 12/09/05						
Chloride	9.17		mg/L	10.0		91.7	80-120			
Calibration Check (EL50919-CCV1)				Prepared & Analyzed: 12/09/05						
Chloride	8.57		mg/L	10.0		85.7	80-120			
Duplicate (EL50919-DUP1)	**Source: 5L08001-01**			Prepared & Analyzed: 12/09/05						
Chloride	108	5.00	mg/kg		107			0.930	20	

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Rice Operating Co.	Project: EME Jct. P-24	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	12/15/05 16:30

Notes and Definitions

S-04

J

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DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not ReportedDetected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
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: Celey D Keene Date: 12/15/2005

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

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

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon
Company Name: Rice Operating
Company Address: 122 W Taylor
City/State/Zip: Hobbs N.M. 88240
Telephone No:
Fax No:
Sampler Signature:

Project Name: Eme JLTP-24
Project #:
Project Loc:
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	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	TCLP: Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030	RUSH TAT (Pre-Schedule)
-01	Back Fill	12/7/05	1:00	1	✓									✓		✓				✓					
-02	Bottom #1 12'	12/7/05	1:10																						
	Bottom #2	12/7/05	1:15																						
-03	Bottom #3	12/7/05	1:20																						
	Bottom #4	12/7/05	1:25																						
	Bottom #5	12/7/05	1:30																						
-04	4 Wall Comp	12/7/05	1:35													✓				✓					
-05 12'	Bottom Field Comp #2	12/7/05	1:40													✓				✓				✓	

Special Instructions:
Please composite #1-5 in lab and report results as "bottom lab comp. @12ft"

Relinquished by:	Date	Time	Received by:	Date	Time
	12-7-05	5:00		12/8	18:0
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	12/8	7:15		12/8/05	8:03

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

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

Client: Rice Op.

Date/Time: 12/8/05 8:00

Order #: SL0002

Initials: CR

COPY

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	2.0 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:

_____

_____

_____

_____

_____

_____

_____

_____

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: 05-2859
EXP. DATE: 1-19-07
METER READING
ACCURACY: 99.8

SERIAL NO: ~~104472~~ 104490

100 PPM
BALANCE
FILL DATE: 1-19-05
ACCURACY: ± 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	P-24	P	24	19S	36E

Betex Soil

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Bott 1 at 12'	24.4		
Bott 2 at 12'	5.3		
Bott 3 at 12'	43.7		
Bott 4 at 12'	42.3		
Bott 5 at 12'	14.3		
4 Wall Comp	12.8		
Bott. Comp 12'	435		
Backfill	82.7		
Samples sent to Lab and Archived			

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

Ken Dodd
Signature

12-07-05
Date

2008 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: EME
Site: Jct. P-24
Date: 12/7/2005
Sampler: Kevin Collins
Laboratory: Environmental Lab of Texas

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	1	24.4	J[0.0167]	0.314	0.361	0.809
	2	5.3				
	3	43.7				
	4	42.3				
	5	14.3				
			LAB COMPOSITE (mg/kg)			
			0.0276	0.559	0.614	2.335

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.

EME Jct. P-24

unit 'P', Sec. 24, T19S, R36E

Backhoe samples at 20 ft west of junction (source)

Depth bgs (ft)	[Cl⁻] ppm
1	188
2	121
3	150
4	144
5	176
6	169
7	324
8	391
9	409
10	417
11	519
12	590

Groundwater = 57 ft