

1R - 427 - 186

REPORTS

DATE:

9-8-05

EME EL Paso EOL
G-5

1R0427-186

Final Report

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	El Paso EOL G-5	G	5	21S	36E	Lea	12	7	6

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

Depth to Groundwater >100 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 6/22/2005 Date Completed 7/11/2005 NMOCD Witness no

Soil Excavated 10.6 cubic yards Excavation Length 8 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/22/2005 Sample Depth 12 ft

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 12 ft BGS	6.0	<10.0	<10.0	83.7

LOCATION	DEPTH (ft)	ppm
background	0.5	120
vertical trench at junction	6	298
	7	283
	8	297
	9	141
	10	143
	11	138
	12	112

General Description of Remedial Action:

This junction was replaced with the pipeline replacement program. The box was removed and the location was delineated using a backhoe to excavate an 12-ft-deep trench at the junction site. Chloride field tests and PID screenings were performed on every vertical foot of soil samples from 6-12 ft. Chloride concentrations were all very low and declined with depth to background level. All PID screenings were also low and TPH concentrations from the laboratory were non-detect (<10.0 ppm). The soil samples did not exhibit any physical indications of hydrocarbon or salt impact and the location was surrounded by healthy native vegetation. The excavated soils were backfilled into the trench and contoured to the surrounding surface. The disturbed surface is expected to return to productive capacity at a normal rate. A new watertight junction box is to be built over this location.

enclosures: photos, lab results, PID field screenings

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

SITE SUPERVISOR Jorge Hernandez SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Pope
DATE 9/8/2005 TITLE Project Scientist

EME El Paso EOL G-5

Unit 'G', Section 5, T21S, R36E



undisturbed junction box

3/28/2005



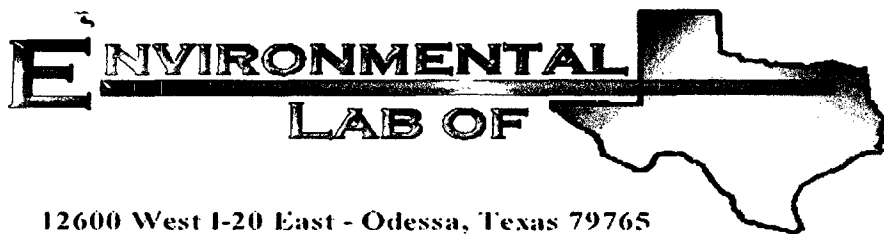
delineation trench

6/22/2005



form for new watertight replacement box

9/7/2005



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 El Paso Eol G-5 Verticle Grab@ 12'

Project Number: None Given

Location: None Given

Lab Order Number: 5F23007

Report Date: 06/29/05

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

Project: EME El Paso Eol G-5 Verticle Grab@ 12'
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
06/29/05 13:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Verticle Grab @ source 12'	5F23007-01	Soil	06/22/05 13:30	06/23/05 15:00

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

Project: EME El Paso Eol G-5 Verticle Grab@ 12'
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
06/29/05 13:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Verticle Grab @ source 12' (5F23007-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EF52415	06/24/05	06/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		82.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		85.4 %	70-130		"	"	"	"	

Environmental Lab of Texas

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

Project: EME El Paso Eol G-5 Verticle Grab@ 12'
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
06/29/05 13:14

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Verticle Grab @ source 12' (5F23007-01) Soil									
Chloride	83.7	5.00	mg/kg	10	EF52809	06/27/05	06/27/05	EPA 300.0	
% Moisture	2.7	0.1	%	1	EF52701	06/24/05	06/27/05	% calculation	

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122 W. Taylor
Hobbs NM, 88240

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Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
06/29/05 13:14

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EF52415 - Solvent Extraction (GC)

Blank (EF52415-BLK1)

Prepared: 06/24/05 Analyzed: 06/25/05

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	38.6		mg/kg	50.0		77.2	70-130			
Surrogate: 1-Chlorooctadecane	39.4		"	50.0		78.8	70-130			

LCS (EF52415-BS1)

Prepared: 06/24/05 Analyzed: 06/25/05

Gasoline Range Organics C6-C12	425	10.0	mg/kg wet	500		85.0	75-125			
Diesel Range Organics >C12-C35	588	10.0	"	500		118	75-125			
Total Hydrocarbon C6-C35	1010	10.0	"	1000		101	75-125			
Surrogate: 1-Chlorooctane	46.9		mg/kg	50.0		93.8	70-130			
Surrogate: 1-Chlorooctadecane	42.9		"	50.0		85.8	70-130			

Calibration Check (EF52415-CCV1)

Prepared: 06/24/05 Analyzed: 06/25/05

Gasoline Range Organics C6-C12	458		mg/kg	500		91.6	80-120			
Diesel Range Organics >C12-C35	560		"	500		112	80-120			
Total Hydrocarbon C6-C35	1020		"	1000		102	80-120			
Surrogate: 1-Chlorooctane	63.1		"	50.0		126	70-130			
Surrogate: 1-Chlorooctadecane	64.2		"	50.0		128	70-130			

Matrix Spike (EF52415-MS1)

Source: 5F23005-01

Prepared: 06/24/05 Analyzed: 06/25/05

Gasoline Range Organics C6-C12	445	10.0	mg/kg dry	524	ND	84.9	75-125			
Diesel Range Organics >C12-C35	525	10.0	"	524	ND	100	75-125			
Total Hydrocarbon C6-C35	969	10.0	"	1050	ND	92.3	75-125			
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	45.3		"	50.0		90.6	70-130			

Matrix Spike Dup (EF52415-MSD1)

Source: 5F23005-01

Prepared: 06/24/05 Analyzed: 06/25/05

Gasoline Range Organics C6-C12	441	10.0	mg/kg dry	524	ND	84.2	75-125	0.903	20	
Diesel Range Organics >C12-C35	530	10.0	"	524	ND	101	75-125	0.948	20	
Total Hydrocarbon C6-C35	972	10.0	"	1050	ND	92.6	75-125	0.309	20	
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	45.5		"	50.0		91.0	70-130			

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122 W. Taylor
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Project: EME El Paso Eol G-5 Verticle Grab@ 12'
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
06/29/05 13:14

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 EF52701 - General Preparation (Prep)										
Blank (EF52701-BLK1)		Prepared: 06/24/05 Analyzed: 06/27/05								
% Moisture	ND	0.1	%							
Duplicate (EF52701-DUP1)		Source: 5F23005-01		Prepared: 06/24/05 Analyzed: 06/27/05						
% Moisture	5.2	0.1	%		4.5			14.4	20	
Batch EF52809 - Water Extraction										
Blank (EF52809-BLK1)		Prepared & Analyzed: 06/27/05								
Chloride	ND	0.500	mg/kg							
LCS (EF52809-BS1)		Prepared & Analyzed: 06/27/05								
Chloride	11.0		mg/L	10.0		110	80-120			
Calibration Check (EF52809-CCV1)		Prepared & Analyzed: 06/27/05								
Chloride	11.2		mg/L	10.0		112	80-120			
Duplicate (EF52809-DUP1)		Source: 5F23005-01		Prepared & Analyzed: 06/27/05						
Chloride	55.6	5.00	mg/kg		57.4			3.19	20	

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122 W. Taylor
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Project: EME El Paso Eol G-5 Verticle Grab@ 12'
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
06/29/05 13:14

Notes and Definitions

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

Report Approved By:

Raland K. Tuttle

Date:

6/29/2005

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.

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Environmental Lab of Texas

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Company Name Rice Operating Company

Company Address: 122 W Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No: 505-393-9174

Fax No: 505-397-1471

Sampler Signature:

Project Name: EME E1 Paso del Gr-5 Vertical Grab @ 11

Project #:

Project Location:

PO#:

Special Instructions:		Sample Containers Intact?		Analyze For:	
LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative
Vertical Corb @ 5m x 12'	6-22-05	1:30	1	Ice	HNO ₃
NaOH					
	H ₂ SO ₄				
None					
	Other (Specify)				
Water					
	Sludge				
Soil					
	Other (specify):				
/CL/					
	TPH 418.1				
TPH TX 1005/1006					
	TPH 8015M GRO/DRO				
Metals: As Ag Ba Cd Cr Pb Hg Se					
	Volatile				
Semivolatile					
	BTEX 8021B/5030				
EC, CEC, SAR, ESP					
	Major cations/anions, TDS				
RUSH TAT (Pre-Schedule)					
	Standard TAT				

Relinquished by:

Relinquished by:

James Brady

Date _____

Time

Dale

Time

Received by:

Received by ELOI

Date _____

Time

1
Dated

Time

Sample Containers Initialed?
Temperature Upon Receipt?
Laboratory Comments:

402 per
labels/seals

COPY

Rice Operating Company

HOBBS, NEW MEXICO 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
VOC FIELD TEST REPORT FORM

MODEL NO: PGM 761S
 CALIBRATION GAS
 GAS COMPOSITION: ISOBUTYLENE AIR

SERIAL NO: 104412

LOT NO: 64-2747
 EXP. DATE: 5-19-06
 METER READING
 ACCURACY: ± 2%

100 PPM
 BALANCE
 FILL DATE: 11-19-97
 ACCURACY: _____

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
BD El Paso Co. 14-3					

SAMPLE	PID RESULT	SAMPLE	PID RESULT
6'	22.3		
7'	30.4		
8'	23.5		
9'	29.2		
10'	12.6		
11'	4.2		
12'	1.7		
Grab Sample Bottom 12'	6.0		

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

Signature

[Handwritten Signature]

Date

6-22-05