1R - 427-160

APPROVALS

YEAR(S):

2013

RICE *Operating Company*
419 West Cain • Hobbs, New Mexico 88240
Phone: (575) 393-2967 • Fax: (575) 393-0293

CERTIFIED MAIL
RETURN RECEIPT NO. 7007 2560 0000 4569 8982

October 15, 2013

Mr. Edward Hansen
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

RE: Termination Request
EME Jct. B-31 (1R427-160): UL/B, Sec. 31, T21S, R36E
RICE Operating Company – Eunice Monument Eumont SWD System

Mr. Hansen:

Rice Operating Company (ROC) is the service provider (agent) for the EME Saltwater Disposal (SWD) System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Background
In 2004, ROC initiated work on the former B-31 junction box. The site is located in UL/B, Sec. 31, T21S, R36E. NM OSE records indicate that groundwater would likely be encountered at a depth of approximately 231 +/- feet. The site was delineated using a backhoe to collect soil samples at regular intervals, creating a 9x3x12 ft deep excavation. Each sample was field titrated for chlorides and screened for TPH, resulting in low chloride concentrations. The 12 ft sample was sent to a commercial laboratory for analysis, resulting in a chloride and gasoline range organics (GRO) concentration below detectable limits and a diesel range organics (DRO) concentration of 167 mg/kg. The excavated soil was blended and a sample was sent to a commercial laboratory for analysis, resulting in a chloride and GRO concentration below detectable limits and a DRO concentration of 8.2 mg/kg. The excavation was backfilled with the blended backfill to ground surface and contoured to the surrounding area.

Vegetation around this site has rebounded; therefore, additional seeding is not necessary. Vegetation will act as an evapo-transpiration barrier that will also inhibit the downward migration of chlorides and hydrocarbons. Plants capture water through their roots and so

reduce the amount of water infiltrating below the root zone. A junction box is no longer required at this site.

The junction box site location map, area map, final report, chloride graph, photodocumentation, laboratory analysis, PID sheet and current photodocumentation are attached.

Recommendations
Site investigation demonstrates that residual chloride and hydrocarbons in the vadose zone will not with reasonable probability contaminate groundwater in excess of NMOCD standards. This site meets the requirements of the NMOCD-approved Revised Junction Box Upgrade Work Plan (July 16, 2003). As such, ROC request termination of the regulatory file, or similar closure status.

Please contact Hack Conder or me at (575)393-2967 if you have any questions or wish to discuss this site. Thank you for your time and consideration.

Sincerely,
RICE Operating Company

L Flores

Laura Flores
Environmental Project Assistant Manager

enclosures

Site Maps

RICE *Operating Company* (ROC)
419 West Cain Hobbs, NM 88240
Phone: (575) 393-2967 Fax: (575) 393-0293

Site Location Map

RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC

EME Jct. B-31 (1R427-160)

Unit Letter B, Section 31, T21S, R36E
Lea County, NM

N W E S

0 1 2 Miles

AREA MAP

RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC

EME Jct. B-31

1R427-160
UL/B
Sec. 31-T21S-R36E

N
W E
S

0 1,500 3,000
Feet

Drawing date: 10/15/2013 JS

Junction Box Report

RICE *Operating Company* (ROC)
419 West Cain Hobbs, NM 88240
Phone: (575) 393-2967 Fax: (575) 393-0293

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	B-31	B	31	21S	36E	Lea	no box--eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Dasco Land Corp. OTHER _____

Depth to Groundwater 231 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/20/2004 Date Completed 11/29/2004 NMOCD Witness no

Soil Excavated 12 cubic yards Excavation Length 9 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS:

Sample Date 10/11/2004, 1/24/2005 **Sample Depth** 12 ft

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

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
VERTICAL GRAB @ 12 ft	0.1	<10.0	167	<20
backfill	XXX	<10.0	8.2	<20

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical at junction box	4	88
	5	168
	6	264
	7	364
	8	550
	9	522
	10	408
	11	443
background	1	115

General Description of Remedial Action: This junction box was located just south of an active lease road. The junction was eliminated with the pipeline replacement program. The box lumber was removed and a vertical trench at the box site was excavated with a backhoe. The 4-12 ft samples were field tested for chloride and PID screenings were performed. All PID readings were o.1 ppm and chloride concentrations were low. The 12 ft grab sample was analyzed by a laboratory and yielded TPH concentrations well below NMOCD guidelines and chloride concentrations in non-detect levels (<20 ppm). The soil excavated from the trench was blended on site and then backfilled into the trench. The site is surrounded on all sides by healthy native vegetation and the disturbed surface is expected to return to productive capacity at a normal rate.

enclosures: chloride graph, 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 Joe Gatts SIGNATURE Joe Gatts COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 1/24/2005 TITLE Project Scientist

EME jct. B-31

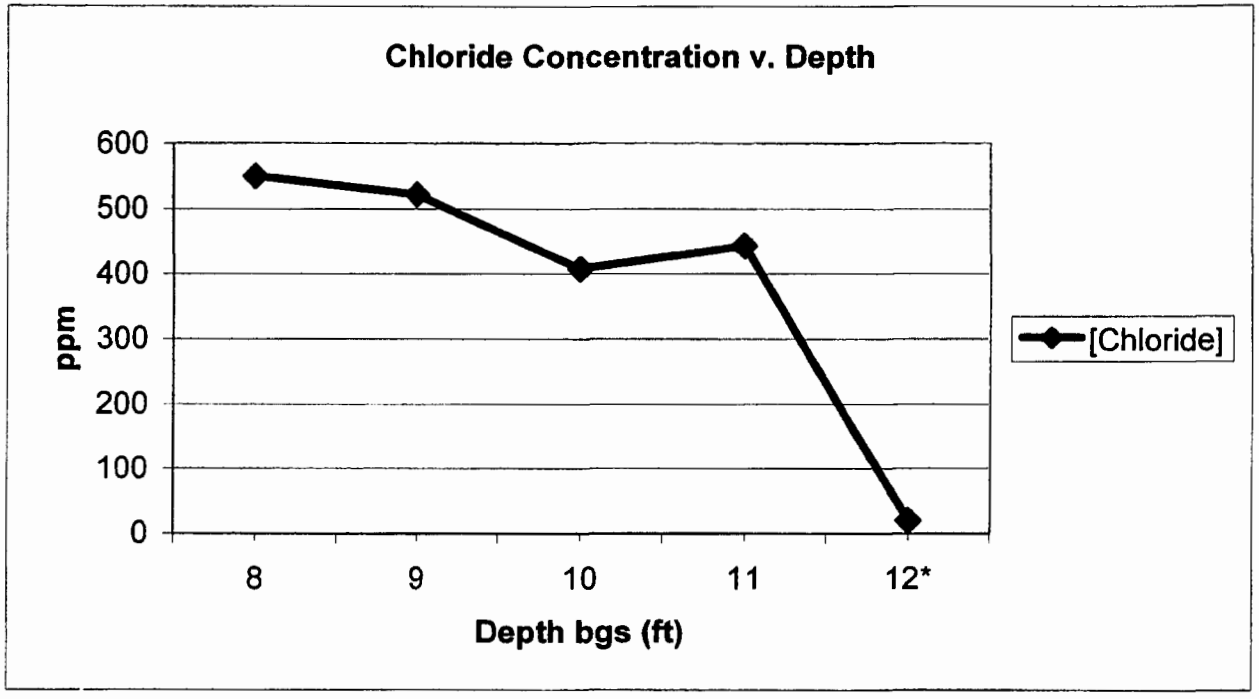
T21S, R36E

Vertical Delineation at Source

Depth bgs (ft)	[Cl⁻] ppm
8	550
9	522
10	408
11	443
12*	20

* Lab test <20 ppm Cl⁻

Groundwater = 231 ft



EME jct. B-31

unit 'B', Sec. 31, T21S, R36E

former box site; pipeline re-plumbed straight through 9/14/2004

vertical delineation trench 9/22/2004

backfilling site 10/27/2004

backfilled site (looking south) 1/24/2005

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 Jct. B-31
Project Number: None Given
Location: None Given

Lab Order Number: 4J14005

Report Date: 10/18/04

Rice Operating Co.	Project: EME Jct. B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	10/18/04 15:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Grab at Source at 12' bgs	4J14005-01	Soil	10/11/04 13:00	10/14/04 07:00

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

Rice Operating Co.	Project: EME Jct. B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	10/18/04 15:20

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Grab at Source at 12' bgs (4J14005-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ41416	10/14/04	10/15/04	EPA 8015M	
Diesel Range Organics >C12-C35	**167**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**167**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	

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

Rice Operating Co.	Project: EME Jct. B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	10/18/04 15:20

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Grab at Source at 12' bgs (4J14005-01) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EJ41814	10/14/04	10/18/04	SW 846 9253	
% Moisture	**15.0**		%	1	EJ41503	10/14/04	10/15/04	% calculation	

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Rice Operating Co.	Project: EME Jct. B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	10/18/04 15:20

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 EJ41416 - Solvent Extraction (GC)										
Blank (EJ41416-BLK1)				Prepared: 10/14/04 Analyzed: 10/15/04						
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	*35.7*		*mg/kg*	*50.0*		*71.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.8*		"	*50.0*		*79.6*	*70-130*			
LCS (EJ41416-BS1)				Prepared: 10/14/04 Analyzed: 10/15/04						
Gasoline Range Organics C6-C12	450	10.0	mg/kg wet	500		90.0	75-125			
Diesel Range Organics >C12-C35	513	10.0	"	500		103	75-125			
Total Hydrocarbon C6-C35	963	10.0	"	1000		96.3	75-125			
Surrogate: 1-Chlorooctane	*46.7*		*mg/kg*	*50.0*		*93.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.4*		"	*50.0*		*86.8*	*70-130*			
Calibration Check (EJ41416-CCV1)				Prepared: 10/14/04 Analyzed: 10/15/04						
Gasoline Range Organics C6-C12	502		mg/kg	500		100	80-120			
Diesel Range Organics >C12-C35	574		"	500		115	80-120			
Total Hydrocarbon C6-C35	1080		"	1000		108	80-120			
Surrogate: 1-Chlorooctane	*51.6*		"	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*60.1*		"	*50.0*		*120*	*70-130*			
Matrix Spike (EJ41416-MS1)	**Source: 4J14001-01**			Prepared: 10/14/04 Analyzed: 10/15/04						
Gasoline Range Organics C6-C12	556	10.0	mg/kg dry	575	ND	96.7	75-125			
Diesel Range Organics >C12-C35	621	10.0	"	575	ND	108	75-125			
Total Hydrocarbon C6-C35	1180	10.0	"	1150	ND	103	75-125			
Surrogate: 1-Chlorooctane	*48.0*		*mg/kg*	*50.0*		*96.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.2*		"	*50.0*		*96.4*	*70-130*			
Matrix Spike Dup (EJ41416-MSD1)	**Source: 4J14001-01**			Prepared: 10/14/04 Analyzed: 10/15/04						
Gasoline Range Organics C6-C12	530	10.0	mg/kg dry	575	ND	92.2	75-125	4.79	20	
Diesel Range Organics >C12-C35	564	10.0	"	575	ND	98.1	75-125	9.62	20	
Total Hydrocarbon C6-C35	1090	10.0	"	1150	ND	94.8	75-125	7.93	20	
Surrogate: 1-Chlorooctane	*52.1*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.0*		"	*50.0*		*100*	*70-130*			

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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 EJ41503 - % Solids										
Blank (EJ41503-BLK1)				Prepared: 10/14/04 Analyzed: 10/15/04						
% Moisture	0.0		%							
Duplicate (EJ41503-DUP1)		**Source: 4J13011-01**		Prepared: 10/14/04 Analyzed: 10/15/04						
% Moisture	14.0		%		13.0			7.41	20	
Batch EJ41814 - Water Extraction										
Blank (EJ41814-BLK1)				Prepared: 10/11/04 Analyzed: 10/18/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EJ41814-MS1)		**Source: 4J08006-02**		Prepared: 10/11/04 Analyzed: 10/18/04						
Chloride	468	20.0	mg/kg Wet	500	0.00	93.6	80-120			
Matrix Spike Dup (EJ41814-MSD1)		**Source: 4J08006-02**		Prepared: 10/11/04 Analyzed: 10/18/04						
Chloride	478	20.0	mg/kg Wet	500	0.00	95.6	80-120	2.11	20	
Reference (EJ41814-SRM1)				Prepared & Analyzed: 10/18/04						
Chloride	5000		mg/kg	5000		100	80-120			

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: 10-18-04

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra 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: Roy Rascon
Company Name: RICE Operating
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174
Fax No: (505) 397-1471
Sampler Signature: Joe Gatts

Project Name: EME Jct. B-31
Project #:
Project Loc: 510
PO #:

LAB # (lab use only): 431405

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	TOTAL: 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-Scheduled)	Standard TAT
-01	Grab at Source at 12' bgs	10/11/04	1:00	1	X									X		X			X						

Special Instructions: Fax Results To ROC

Sample Containers Intact? (Y) N
Temperature Upon Receipt:
Laboratory Comments: 0.5°C

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Gatts	10/11/04	4:30			
Relinquished by:	Date	Time	Received by ELOT: From Drop Box	Date	Time
[signature]	10-13-04	6:50p	Jessica McMurray	10-14-04	0700

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

Client: Rice Operating Co.

Date/Time: 10-14-04 @ 0800

Order #: 4J14005

Initials: JMM

Sample Receipt Checklist

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

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: EME B-31

Project Number: None Given

Location: None Given

Lab Order Number: 5A25018

Report Date: 02/01/05

Rice Operating Co.	Project: EME B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	02/01/05 11:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Remediated Backfill	5A25018-01	Soil	01/24/05 15:31	01/25/05 07:15

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Rice Operating Co.	Project: EME B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	02/01/05 11:42

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remediated Backfill (5A25018-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52504	01/25/05	01/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	**J [8.20]**	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*95.0 %*	*70-130*		"	"	"	"	

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

Rice Operating Co.	Project: EME B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	02/01/05 11:42

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remediated Backfill (5A25018-01) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EA52704	01/25/05	01/26/05	SW 846 9253	
% Moisture	**6.2**		%	1	EA52506	01/25/05	01/26/05	% calculation	

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

Rice Operating Co.	Project: EME B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	02/01/05 11:42

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 EA52504 - Solvent Extraction (GC)										
Blank (EA52504-BLK1)				Prepared: 01/25/05 Analyzed: 01/28/05						
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	*36.6*		*mg/kg*	*50.0*		*73.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.0*		"	*50.0*		*72.0*	*70-130*			
LCS (EA52504-BS1)				Prepared: 01/25/05 Analyzed: 01/28/05						
Gasoline Range Organics C6-C12	464	10.0	mg/kg wet	500		92.8	75-125			
Diesel Range Organics >C12-C35	515	10.0	"	500		103	75-125			
Total Hydrocarbon C6-C35	979	10.0	"	1000		97.9	75-125			
Surrogate: 1-Chlorooctane	*36.6*		*mg/kg*	*50.0*		*73.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.9*		"	*50.0*		*75.8*	*70-130*			
Calibration Check (EA52504-CCV1)				Prepared: 01/25/05 Analyzed: 01/28/05						
Gasoline Range Organics C6-C12	483		mg/kg	500		96.6	80-120			
Diesel Range Organics >C12-C35	491		"	500		98.2	80-120			
Total Hydrocarbon C6-C35	974		"	1000		97.4	80-120			
Surrogate: 1-Chlorooctane	*50.7*		"	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.8*		"	*50.0*		*102*	*70-130*			
Matrix Spike (EA52504-MS1)	**Source: 5A25017-03**			Prepared: 01/25/05 Analyzed: 01/28/05						
Gasoline Range Organics C6-C12	501	10.0	mg/kg dry	545	ND	91.9	75-125			
Diesel Range Organics >C12-C35	537	10.0	"	545	ND	98.5	75-125			
Total Hydrocarbon C6-C35	1040	10.0	"	1090	ND	95.4	75-125			
Surrogate: 1-Chlorooctane	*47.3*		*mg/kg*	*50.0*		*94.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.8*		"	*50.0*		*95.6*	*70-130*			
Matrix Spike Dup (EA52504-MSD1)	**Source: 5A25017-03**			Prepared: 01/25/05 Analyzed: 01/28/05						
Gasoline Range Organics C6-C12	514	10.0	mg/kg dry	545	ND	94.3	75-125	2.56	20	
Diesel Range Organics >C12-C35	585	10.0	"	545	ND	107	75-125	8.56	20	
Total Hydrocarbon C6-C35	1100	10.0	"	1090	ND	101	75-125	5.61	20	
Surrogate: 1-Chlorooctane	*47.1*		*mg/kg*	*50.0*		*94.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.8*		"	*50.0*		*95.6*	*70-130*			

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Rice Operating Co.	Project: EME B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	02/01/05 11:42

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 EA52506 - General Preparation (Prep)										
Blank (EA52506-BLK1)				Prepared: 01/25/05 Analyzed: 01/26/05						
% Moisture	0.003		%							
Duplicate (EA52506-DUP1)	**Source: 5A24010-01**			Prepared: 01/25/05 Analyzed: 01/26/05						
% Moisture	17.0		%		16.7			1.78	20	
Batch EA52704 - Water Extraction										
Blank (EA52704-BLK1)				Prepared: 01/25/05 Analyzed: 01/26/05						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EA52704-MS1)	**Source: 5A25008-01**			Prepared: 01/25/05 Analyzed: 01/26/05						
Chloride	489	20.0	mg/kg Wet	500	0.00	97.8	80-120			
Matrix Spike Dup (EA52704-MSD1)	**Source: 5A25008-01**			Prepared: 01/25/05 Analyzed: 01/26/05						
Chloride	500	20.0	mg/kg Wet	500	0.00	100	80-120	2.22	20	
Reference (EA52704-SRM1)				Prepared & Analyzed: 01/26/05						
Chloride	5000		mg/kg	5000		100	80-120			

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

Rice Operating Co.	Project: EME B-31	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	02/01/05 11:42

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 2/1/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

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: Kristin Farris
Company Name: RICE Operating Co.
Company Address: 122 W Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174
Fax No: (505) 397-1471
Sampler Signature: Kristin Farris

Project Name: EME B-31
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: 8RCRA Metals	TCLP: TPH 418.1	TCLP: TPH TX 1005/1006	TOTAL: TPH 8015M GRO/DRO	TOTAL: Metals: As Ag Ba Cd Cr Pb Hg Se	TOTAL: Volatiles	TOTAL: Semivolatiles	TOTAL: BTEX 8021B/5030	RUSH TAT (Pre-Scheduled)	Standard TAT
SA2S018 #01	Remediated backfill	1-24-05	3:31p	1	X									X		X			X						

Special Instructions: Email Results To ROC

Relinquished by:	Date	Time	Received by:	Date	Time
Israel Hwy	1-24-05	3:31			
Relinquished by:	Date	Time	Received by ELOT: Drop box	Date	Time
[signature]	1-24-05	5:21p	[signature]	01-25-05	0715

Sample Containers Intact? Yes No
Temperature Upon Receipt: 0.5 °C
Laboratory Comments: Hand glass on ice

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: 104412
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 - 2%
METER READING
ACCURACY: 100.1

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	B-31	B	31	21	36

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Source 4'	.1		
Source 5'	.1		
Source 6'	.1		
Source 7'	.1		
Source 8'	.1		
Source 9'	.1		
Source 10'	.1		
Source 11'	.1		
Source 12'	.1		

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

Joe Gatts. — Signature
Environmental Tech. — Title
9/20/04 — Date

Current Photodocumentation

RICE *Operating Company* (ROC)
419 West Cain Hobbs, NM 88240
Phone: (575) 393-2967 Fax: (575) 393-0293

EME Jct. B-31 (1R427-160)
Unit Letter B, Section 31, T21S, R36E

Facing south 5/10/2013

Facing west 5/10/2013