

1R - 425-35

REPORTS

DATE:

2006

Voc Jet I-29

RECEIVED

APR - 3 2007

Environmental Bureau
Oil Conservation Division

Closure

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Vacuum	jct. I-29	I	29	17S	35E	Lea	no box--System Abandonment		

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

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

Date Started 11/4/2005 Date Completed 8/24/2006 NMOCD Witness no

Soil Excavated 15 cubic yards Excavation Length 13 Width 4 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/4/2005 Sample Depth 8 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. 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 (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	1.2	<10.0	158	154
BOTTOM COMP.	1.1	<10.0	187	81.2
BACKFILL	1.1	<10.0	229	141

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	25.5
bottom comp.	8	107
background	1	114

General Description of Remedial Action:

This junction box was addressed as part of the Vacuum SWD System abandonment. After the junction box lumber was removed, samples were collected from the resulting hole using a hand auger. These samples were field tested for chloride and VOCs. Chloride concentrations were very low and similar to background level. PID readings also exhibited insignificant VOC concentrations. Composite samples from the hole were analyzed at a commercial laboratory for confirmation of the field tests. The 13 x 4 x 8-ft-deep hole was backfilled with clean, imported topsoil. This topsoil was seeded with a blend of native vegetation on 9/14/2006 and is expected to return to productive capacity at a normal rate.

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 Kevin Collins SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope
DATE 9/20/2006 TITLE Project Scientist

Vacuum jct. I-29

Open box hole from which hand-auger samples were collected

9/26/2005



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
 CALIBRATION GAS
 GAS COMPOSITION: ISOBUTYLENE
 AIR
 LOT NO: 05-2859
 EXP. DATE: 1/19/05
 METER READING
 ACCURACY: 100

SERIAL NO: ~~104412~~ 104490
 100 PPM
 BALANCE
 FILL DATE: 07/19/05
 ACCURACY: ± 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
VACUUM	I-29	I	29	17S	37E

SAMPLE	PID RESULT	SAMPLE	PID RESULT
8' original 5.4	1.1		
2' 4 wall comp	1.2		
Back fill	1.1		

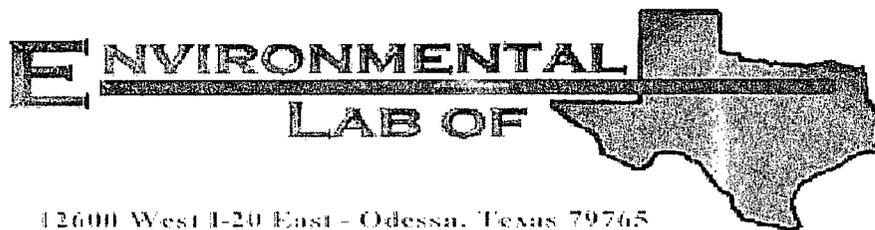
COPY

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

Kevin Collins
 Signature

11/04/05
 Date

Kevin Collins



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: Vacuum Jct. I-29
Project Number: None Given
Location: None Given

Lab Order Number: 5K07003

Report Date: 11/21/05

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

Project: Vacuum Jct. I-29
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
11/21/05 09:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Comp. - 8'	5K07003-01	Soil	11/04/05 07:50	11/04/05 17:00
4 Wall Comp. 13' X 14'	5K07003-02	Soil	11/04/05 07:55	11/04/05 17:00
Backfill Comp.	5K07003-03	Soil	11/04/05 07:45	11/04/05 17:00

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

Project: Vacuum Jct. I-29
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
11/21/05 09:11

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Comp. (5K07003-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK50801	11/08/05	11/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	187	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	187	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		86.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.8 %	70-130		"	"	"	"	
4 Wall Comp. (5K07003-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK50801	11/08/05	11/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	158	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	158	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		85.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		93.8 %	70-130		"	"	"	"	
Backfill Comp. (5K07003-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK50801	11/08/05	11/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	229	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	229	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		75.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		81.2 %	70-130		"	"	"	"	

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

Project: Vacuum Jct. 1-29
Project Number: None Given
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Fax: (505) 397-1471

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Comp. (5K07003-01) Soil									
Chloride	81.2	10.0	mg/kg	20	EK51007	11/08/05	11/10/05	EPA 300.0	
% Moisture	2.5	0.1	%	1	EK50802	11/07/05	11/08/05	% calculation	
4 Wall Comp. (5K07003-02) Soil									
Chloride	154	10.0	mg/kg	20	EK51007	11/08/05	11/10/05	EPA 300.0	
% Moisture	1.6	0.1	%	1	EK50802	11/07/05	11/08/05	% calculation	
Backfill Comp. (5K07003-03) Soil									
Chloride	141	10.0	mg/kg	20	EK51007	11/08/05	11/10/05	EPA 300.0	
% Moisture	5.5	0.1	%	1	EK50802	11/07/05	11/08/05	% calculation	

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 EK50801 - Solvent Extraction (GC)										
Blank (EK50801-BLK1) Prepared & Analyzed: 11/08/05										
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	63.7		mg/kg	50.0		127	70-130			
Surrogate: 1-Chlorooctadecane	64.5		"	50.0		129	70-130			
LCS (EK50801-BS1) Prepared & Analyzed: 11/08/05										
Gasoline Range Organics C6-C12	390	10.0	mg/kg wet	500		78.0	75-125			
Diesel Range Organics >C12-C35	471	10.0	"	500		94.2	75-125			
Total Hydrocarbon C6-C35	862	10.0	"	1000		86.2	75-125			
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	52.1		"	50.0		104	70-130			
Calibration Check (EK50801-CCV1) Prepared & Analyzed: 11/08/05										
Gasoline Range Organics C6-C12	428		mg/kg	500		85.6	80-120			
Diesel Range Organics >C12-C35	482		"	500		96.4	80-120			
Total Hydrocarbon C6-C35	910		"	1000		91.0	80-120			
Surrogate: 1-Chlorooctane	47.7		"	50.0		95.4	70-130			
Surrogate: 1-Chlorooctadecane	44.5		"	50.0		89.0	70-130			
Matrix Spike (EK50801-MS1) Source: 5K07002-02 Prepared & Analyzed: 11/08/05										
Gasoline Range Organics C6-C12	524	10.0	mg/kg dry	585	ND	89.6	75-125			
Diesel Range Organics >C12-C35	513	10.0	"	585	ND	87.7	75-125			
Total Hydrocarbon C6-C35	1040	10.0	"	1170	ND	88.9	75-125			
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		98.0	70-130			
Surrogate: 1-Chlorooctadecane	45.3		"	50.0		90.6	70-130			
Matrix Spike Dup (EK50801-MSD1) Source: 5K07002-02 Prepared & Analyzed: 11/08/05										
Gasoline Range Organics C6-C12	547	10.0	mg/kg dry	585	ND	93.5	75-125	4.30	20	
Diesel Range Organics >C12-C35	527	10.0	"	585	ND	90.1	75-125	2.69	20	
Total Hydrocarbon C6-C35	1070	10.0	"	1170	ND	91.5	75-125	2.84	20	
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	44.8		"	50.0		89.6	70-130			

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

Project: Vacuum Jct. 1-29
 Project Number: None Given
 Project Manager: Roy Rascon

Fax: (505) 397-1471

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 11/21/05 09:11

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 EK50802 - General Preparation (Prep)										
Blank (EK50802-BLK1)					Prepared: 11/07/05 Analyzed: 11/08/05					
% Solids	100		%							
Duplicate (EK50802-DUP1)					Source: 5K07002-01 Prepared: 11/07/05 Analyzed: 11/08/05					
% Solids	88.3		%		88.1			0.227	20	
Batch EK51007 - Water Extraction										
Blank (EK51007-BLK1)					Prepared: 11/08/05 Analyzed: 11/10/05					
Chloride	ND	0.500	mg/kg							
LCS (EK51007-BS1)					Prepared: 11/08/05 Analyzed: 11/10/05					
Chloride	9.01		mg/L	10.0		90.1	80-120			
Calibration Check (EK51007-CCV1)					Prepared: 11/08/05 Analyzed: 11/10/05					
Chloride	8.66		mg/L	10.0		86.6	80-120			
Duplicate (EK51007-DUP1)					Source: 5J25007-12 Prepared: 11/08/05 Analyzed: 11/10/05					
Chloride	3660	50.0	mg/kg		3680			0.545	20	

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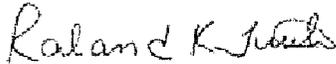
Fax: (505) 397-1471

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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:



Date: 11/21/2005

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.

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
Variance / Corrective Action Report – Sample Log-In

Client: Rice Op.

Date/Time: 11/4/05 17:00

Order #: SK07003

Initials: CK

Sample Receipt Checklist

	Yes	No	
Temperature of container/cooler?			2.5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/>	No	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/>	No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/>	No	Not present
Chain of custody present?	<input checked="" type="checkbox"/>	No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/>	No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/>	No	
Container labels legible and intact?	<input checked="" type="checkbox"/>	No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/>	No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/>	No	
Samples properly preserved?	<input checked="" type="checkbox"/>	No	
Sample bottles intact?	<input checked="" type="checkbox"/>	No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/>	No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/>	No	Not Applicable

Other observations:

Variance Documentation:

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

Regarding:

Corrective Action Taken:
