1R - 426-128

REPORTS

DATE:

2006

Final Report

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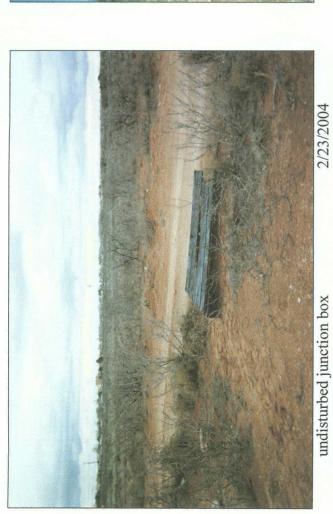
Environmental Bureau
Oil Conservation Division

Closure

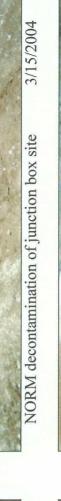
RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	}	IMENSIONS - F	FEET !
BD	C-4 vent	С	4	228	37E	Lea	Length	Width	Depth
							junctio	on moved 20 ft l	=ast
LAND TYPE: BL	_M STA	ATE	FEE LAND	OWNER P	riscilla Bruns	on Moody	OTHER		
Depth to Ground	dwater	92	feet	NMOCD S	SITE ASSE	SSMENT F	RANKING S	CORE:	10
Date Started_	3/21/20	005	Date Cor	mpleted	5/2/2005	NMOC	D Witness	n	0
Soil Excavated_	133	cubic yar	rds Exc	avation Ler	ngth20	VVidth	15	Depth	12fe
Soil Disposed _	0	cubic yai	rds Off	site Facility	n/	/a	Location	n/	<u>'a</u>
					3/23/20	105			
FINAL ANALY	TICAL RES	SULTS:	Sampl	e Date3,	/24/2005, 4	/15/2005	Sample De	epth 1	2 & 17 ft
Procure 5-point co	omposite sam	ple of botto	m and 4-po	oint composi	te sample (of	CHLOD	וחר בובו ה דו	TOTO
excavation sidew			-				CHLOR	IDE FIELD TI	2010
using an approved	a lab and testi	ng proceau	res pursuai	IT TO INIVIOUI	guideline: ک		CATION	DEPTH (ft)	nnm
Sample	PID	GF	20	DRO	Chloride		CATION	11	728
Location	ppm	mg		mg/kg	mg/kg			12	874
4-WALL COMP.	0.4	<1	0.0	<10.0	301		vertical	13	1147
воттом сомр.	8.7	<1	0.0	<10.0	344		elineation	14	487
REMED. BACKFIL	05.4	26	3.8	230	219	1 1	rench at junction	15	424
							,	16	133
General Description	of Pomedial	Action:						17	98
General Description	i oi itemediai.		This junction	box was addre	ssed	4-v	vall comp.	n/a	281
with the pipeline replacer	ment/upgrade pro	gram. A new	watertight rep	olacement junc	tion box	bo	ttom comp.	12	217
was built 20 ft east of the	old box. After th	e box was ren	noved from th	e old junction s	ite,	ren	ned. comp.	n/a	210
delineation began using a	a backhoe to colle	ect soil sample	es at regular in	tervals. A tren	ch at the				
center of the junction wa									
for laboratory analysis an	d field test confirm	nation from th	e 20 x 15 x 12	? ft excavation.	NMOCD TPH	d guidelines w	ere met on the	ese samples and	chloride
concentrations were simi	ilar to those result	ing from field	tests. The ex	cavated soil wa	s blended on	site and then	backfilled into	the excavation ar	nd
contoured to the surround		ause the exca	vation was su	rounded by he	althy native ve	egetation, the	disturbed surfa	ce is expected to	return to
productive capacity at a i	normal rate.							OID C 41	
				encio	osures: chioric	ie grapn, pnot	os, lab results,	PID field screen	ings, pian-vie
						<u></u>			
I HERERY	CERTIFY TH	AT THE INI	FORMATIC	N AROVE I	S TRUE AN		ETE TO TH	IE REST OF I	MV
111611601	OLIVIII I III	/ (1 111 <u>L 114</u> 1		LEDGE AN		VO OOM		IL DEOT OF T	Vii
				•					
SITE SUPERVISOR	Israel Juarez	SIG	NATURE D	and the		COMP	ANV RICE	E Operating Com	anany
	Toruci oddioz		W (10(12/14/2)	a a a	aris)_			2 Operating Con	,pany
				V		,	. /		
REPORT ASSEMBLED	BY Kri	stin Farris Po	pe	SIGNATURE_	K/	2/2//0	Ct0221	2) Mp	2
DA ⁻	TE	11/6/2006	· · · · · · · · · · · · · · · · · · ·	TITLE	· · · · · · · · · · · · · · · · · · ·	Р	roject Scientis	t J	



undisturbed junction box





completed watertight junction box

4/2/2004

new replacement junction 20 ft East of former



beginning delineation of former box site



3/21/2005

3/23/2005



5/2/2005

backfilling excavation



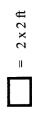
seeded disturbed surface of backfilled site

11/1/2006

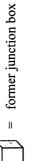
BD C-4 vent

Delineation Excavation 20 x 15 x 12-ft-deep













= Delineation trench to 17 ft BGS

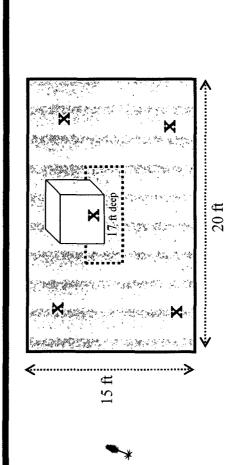


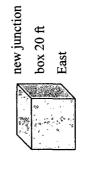
= Sample component of 5-point bottom composite



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ROAD LEASE DIRT

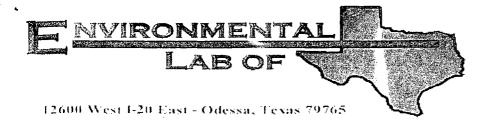














Analytical Report

Prepared for:

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

Project: BD Vent C-4
Project Number: None Given
Location: None Given

Lab Order Number: 5D22005

Report Date: 04/27/05

Project: BD Vent C-4
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/27/05 11:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Remediated Backfill	5D22005-01	Soil	04/15/05 14:40	04/22/05 07:40

Project: BD Vent C-4 Project Number: None Given

Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/27/05 11:41

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remediated Backfill (5D22005-01) Soil									
Gasoline Range Organics C6-C12	26.8	10.0	mg/kg dry	1	ED52212	04/22/05	04/25/05	EPA 8015M	,
Diesel Range Organics >C12-C35	230	10.0	н	**	11	"	**	п	
Total Hydrocarbon C6-C35	257	10.0	H	47	н	11	**	"	
Surrogate: 1-Chlorooctane		82.6 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		82.4 %	70-13	30	"	"	"	"	

Project: BD Vent C-4

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/27/05 11:41

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Remediated Backfill (5D22005-01) Soil									
Chloride % Moisture	219 8.1	10.0 0.1	mg/kg %	20 1	ED52606 ED52501	04/25/05 04/22/05	04/25/05 04/25/05	EPA 300.0 % calculation	

Project: BD Vent C-4
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/27/05 11:41

Organics by GC - Quality Control Environmental Lab of Texas

	D V	Reporting	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	кезшт	76REC	Limits	RPD	Limit	Notes
Batch ED52212 - Solvent Extraction (GC	C)									
Blank (ED52212-BLK1)				Prepared: (04/22/05 A	nalyzed: 04	/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	36.5		mg/kg	50.0		73.0	70-130			
Surrogate: 1-Chlorooctadecane	36.2		"	50.0		72.4	70-130			
LCS (ED52212-BS1)				Prepared: (04/22/05 A	nalyzed: 04	/24/05			
Gasoline Range Organics C6-C12	473	10.0	mg/kg wet	500		94.6	75-125			
Diesel Range Organics >C12-C35	514	10.0	17	500		103	75-125			
Total Hydrocarbon C6-C35	987	10.0	u	1000		98.7	75-125	,		
Surrogate: 1-Chlorooctane	38.2		mg/kg	50.0		76.4	70-130			
Surrogate: 1-Chlorooctadecane	35.8		"	50.0		71.6	70-130			
Calibration Check (ED52212-CCV1)				Prepared: (04/22/05 A	nalyzed: 04	1/24/05			
Gasoline Range Organics C6-C12	434		mg/kg	500		86.8	80-120			
Diesel Range Organics >C12-C35	488		**	500		97.6	80-120			
Total Hydrocarbon C6-C35	922		n	1000		92.2	80-120			
Surrogate: 1-Chlorooctane	49.9		"	50.0		99.8	70-130			
Surrogate: 1-Chlorooctadecane	45.3		"	50.0		90.6	70-130			
Matrix Spike (ED52212-MS1)	Sou	rce: 5D22003	3-15	Prepared: (04/22/05 A	nalyzed: 04	1/25/05			
Gasoline Range Organics C6-C12	480	10.0	mg/kg dry	541	31.7	82,9	75-125			
Diesel Range Organics >C12-C35	559	10.0	"	541	38.5	96.2	75-125			
Total Hydrocarbon C6-C35	1040	. 10.0	"	1080	70.2	89.8	75-125			
Surrogate: 1-Chlorooctane	55.7		mg/kg	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	49.7		"	50.0		99.4	70-130			
Matrix Spike Dup (ED52212-MSD1)	Sou	rce: 5D22003	3-15	Prepared: ()4/22/05 A	nalyzed: 04	1/25/05			
Gasoline Range Organics C6-C12	480	10.0	mg/kg dry	541	31.7	82.9	75-125	0.00	20	
Diesel Range Organics >C12-C35	547	10.0	**	541	38.5	94.0	75-125	2.17	20	
Total Hydrocarbon C6-C35	1030	10.0	**	1080	70.2	88.9	75-125	0.966	20	
Surrogate: 1-Chlorooctane	54.6		mg/kg	50.0		109	70-130			
Surrogate: 1-Chlorooctadecane	51.1		"	50.0		102	70-130			

Project: BD Vent C-4

Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/27/05 11:41

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 ED52501 - General Preparation (Prep)										
Blank (ED52501-BLK1)				Prepared: (04/22/05 A	nalyzed: 04	/25/05			
% Moisture	ND	0.1	%							
Duplicate (ED52501-DUP1)	Sou	rce: 5D21010-	01	Prepared: (04/22/05 A	nalyzed: 04	/25/05			
% Moisture	12.8	0.1	%		13.0			1.55	20	
Batch ED52606 - Water Extraction										
Blank (ED52606-BLK1)				Prepared &	Analyzed:	04/25/05				
Chloride	ND	0.500	mg/kg							
LCS (ED52606-BS1)				Prepared &	Analyzed	04/25/05				
Chloride	10.8		mg/L	10.0		108	80-120			
Calibration Check (ED52606-CCV1)				Prepared &	Analyzed	04/25/05				
Chloride	10.3		mg/L	10.0		103	80-120			
Duplicate (ED52606-DUP1)	Duplicate (ED52606-DUP1) Source: 5D22004-01				Prepared & Analyzed: 04/25/05					
Chloride	176	10.0	mg/kg		179			1.69	20	

Fax: (505) 397-1471 Project: BD Vent C-4 Rice Operating Co. 122 W. Taylor Project Number: None Given Reported: Project Manager: Roy Rascon 04/27/05 11:41 Hobbs NM, 88240

Notes and Definitions

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

Dup

Report Approved By:	Kaland KJulus	Date:	4/27/2005

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.

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 Phone: 915-663-1800 Odessa, Texas 79763 Fax: 915-663-1713

12600 West I-20 East Odessa, Texas 79763

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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BD]					85	Metals: As Ag Ba Cd Ct Pb Hg :										8 2 8				
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Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Fina Americal Land			
Hant Lice Operating			
Detections: 4/22/05 11:30	•		
Dete/Time: 4/22/05 11:30			
Order#: 5022005			
A (
nitials:			•
macis.			
Sample Receip	+ Chackli	e-+	•
Sample receiptions of container/cooler?	Yes		3,0 C
Shipping container/pooler in good condition?	/3€ \		
Custody Seals intaction snipping container/cooler?	Y=3		i lot cresent
Custody Seals intact on sample cottles?	(A)		Notoresent
Chain of sustody present?	(A)	Na 1	
Sample Instructions complete on Chain of Custopy?	(FS)	No 1	
Chain of Custody signed when relinquished and received?		No i	;
Chain of custody agrees with sample labells:	: প্রি		
Container labels legible and intact?	(3)		
Sample Marrix and procerties same as on chain of custody?	(773 5)		
Samples in proper container/bottle?	1 1/20	No	
Samples procedy preserved?		े शेट	
Sameis tottles intact?		<u>Nc</u>	
Preservations documented on Chain of Custody?		<u>No</u>	
Containers documented on Chain of Custony? Sufficient samole amount for Indicated test?		Na Na	
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VCC senticles have zero headspace?	7	No.	No: Acollose s
			
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Contact Person: Date: Time:		·	Contacted by:
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Corrective Action Taken:			
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Rice Operating Company

HOBBS, NEW MEXICO 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

20 x 15 x 12

MODEL NO: PGM 76IS **CALIBRATION GAS**

GAS COMPOSITION: ISOBUTYLENE AIR

LOT NO: 03-247.5

EXP. DATE: 1.7.06

METER READING ACCURACY: 100.5 SERIAL NO: 104412

100 PPM

BALANCE

FILL DATE: 7-7-04 ACCURACY: ± 290

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
BP	Vent C-4	C	4	22	37

composite samples

	SAMPLE	PID RESULT	SAMPLE	PID RESULT
site	Rollom Comp. @ 12's	43.7		
3110	E. Wall Comp. @ 10	1,3		
les	N. Wall Comp Q. 5	2.7		
	E. Wall Comp. @ 10' W. Wall Comp. @ 5 W. Wall Camp @ 10'	2.7		
	5. Wall Comp.@ 10	1,8		
10 h =	> 4 Wall Comp.	0,41		
, we	Remodiated Backfill	468		
	•			,
	er e			

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

Signature Israel Guars

Date <u>3-23-0</u>5

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



MODEL NO: PGM 76IS

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE AIR

SERIAL NO: 104412

100 PPM

BALANCE

FILL DATE: 7-7-04

ACCURACY: ± 2%

LOT NO: 03-2475 EXP. DATE: 1-7-6

METER READING

ACCURACY: 100.3

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	
BD	Vent C-4	_	4	22	37

	SAMPLE	PID RESULT	SAMPLE	PID RESULT
	At Source 13'	5.3		
·	141	6.7		
	15 '	6.2	· · · · · · · · · · · · · · · · · · ·	
	16'	4.2		
	17'	4.5		
hattom ->	RTM COMP. 612 HT	8.77	· · · · · · · · · · · · · · · · · · ·	
bottom -> (composite	7			
	/			
lab				
(21)				
		of .		

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

Signature distribution Date 3/24/0 S

Rice Operating Company

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



MODEL NO: PGM 76IS

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE AIR

LOT NO: 03-2475

EXP. DATE: 1-7-06 METER READING

ACCURACY: 99.8

SERIAL NO: 104412

100 PPM BALANCE

FILL DATE: 7-7-04

ACCURACY: ± 2%

	SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
-	BD	Vent C.4	C	. 4	22	37

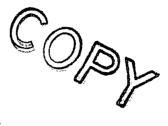
	SAMPLE	PID RESULT	SAMPLE	PID RESULT
lab ->	Revi. RALKFIH-	23.87		
			· · · · · · · · · · · · · · · · · · ·	

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

Signature Asiacl Garage

Date <u>4/15/o</u> 5





Analytical Report

Prepared for:

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

Project: BD Vent C-4
Project Number: None Given

Location: None Given

Lab Order Number: 5C28009

Report Date: 04/07/05

Project: BD Vent C-4

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/07/05 14:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
4 Wall Comp.	5C28009-01	Soil	03/23/05 08:46	03/28/05 15:33
Bottom Comp.	5C28009-02	Soil	03/24/05 11:15	03/28/05 15:33

Project: BD Vent C-4

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

Reported: 04/07/05 14:25

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4 Wall Comp. (5C28009-01) Soil				"					
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EC52903	03/29/05	03/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	ir.		"	Ħ	ij	н	
Total Hydrocarbon C6-C35	ND	10.0	•	u	*1	я .	0	#	
Surrogate: 1-Chlorooctane		91.2 %	67.6-	140	"	n	"	"	
Surrogate: 1-Chlorooctadecane		124 %	70-1	30	"	"	"	n	
Bottom Comp. (5C28009-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EC52903	03/29/05	03/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	**	*		"	н	
Total Hydrocarbon C6-C35	ND	10.0	и	"	10	, H	Ħ	,	
Surrogate: 1-Chlorooctane		92.8 %	67.6-	140	"	n	"	"	
Surrogate: 1-Chlorooctadecane		127 %	70-1	30	"	"	n	n	

Project: BD Vent C-4
Project Number: None Given

Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/07/05 14:25

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4 Wall Comp. (5C28009-01) Soil									
Chloride	301	5.00	mg/kg	10	EC53104	03/30/05	03/30/05	EPA 300.0	
% Moisture	12.6	0.1	%	1	EC53015	03/29/05	03/30/05	% calculation	
Bottom Comp. (5C28009-02) Soil									
Chloride	344	5.00	mg/kg	10	EC53104	03/30/05	03/30/05	EPA 300.0	
% Moisture	15.7	0.1	%	1	EC53015	03/29/05	03/30/05	% calculation	

Project: BD Vent C-4

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/07/05 14:25

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EC52903 - Solvent Extraction (GC)										
Błank (EC52903-BLK1)				Prepared: 0	03/29/05 A	nalyzed: 01	3/30/05		_	
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	37.7		mg/kg	50.0		75.4	67.6-140			
Surrogate: 1-Chlorooctadecane	36.5		"	50.0		73.0	70-130			
LCS (EC52903-BS1)				Prepared: (03/29/05 A	nalyzed: 03	3/30/05-			
Gasoline Range Organics C6-C12	430	10.0	mg/kg wet	500		86.0	76.3-104			
Diesel Range Organics >C12-C35	518	10.0	n	500		104	76.1-118			
Total Hydrocarbon C6-C35	948	10.0	•	1000		94.8	81.8-105			
Surrogate: 1-Chlorooctane	37.7		mg/kg	50.0		75.4	67.6-140			
Surrogate: 1-Chlorooctadecane	44.8		"	50.0		89.6	70-130			
Calibration Check (EC52903-CCV1)				Prepared: (03/29/05 A	nalyzed: 03	3/30/05			
Gasoline Range Organics C6-C12	433		mg/kg	500		86.6	80-120			
Diesel Range Organics >C12-C35	516		"	500		103	80-120			
Total Hydrocarbon C6-C35	949		"	1000		94.9	80-120			
Surrogate: 1-Chlorooctane	52.5		"	50.0		105	67.6-140			
Surrogate: 1-Chlorooctadecane	64.4		"	50.0		129	70-130			
Matrix Spike (EC52903-MS1)	Sou	rce: 5C28008	3-07	Prepared: (03/29/05 A	nalyzed: 03	3/30/05			
Gasoline Range Organics C6-C12	511	10.0	mg/kg dry	543	ND	94.1	75.9-114			
Diesel Range Organics >C12-C35	631	10.0	"	543	57.2	106	85.3-122			
Total Hydrocarbon C6-C35	1140	10.0	*	1090	57.2	99.3	84.4-115			
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	67.6-140			
Surrogate: 1-Chlorooctadecane	64.9		"	50.0		130	70-130			
Matrix Spike Dup (EC52903-MSD1)	Sou	rce: 5C28008	3-07	Prepared: (03/29/05 A	nalyzed: 03	3/30/05			
Gasoline Range Organics C6-C12	488	10.0	mg/kg dry	543	ND	89.9	75.9-114	4.60	10.4	
Diesel Range Organics >C12-C35	619	10.0		543	57.2	103	85.3-122	1.92	10.4	
Total Hydrocarbon C6-C35	1110	10.0		1090	57.2	96.6	84.4-115	2.67	7.6	
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	67.6-140			
Surrogate: 1-Chlorooctadecane	64.1		"	50.0		128	70-130			

Project: BD Vent C-4

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 04/07/05 14:25

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 EC53015 - General Preparation (Prep)										
Blank (EC53015-BLK1)				Prepared: (03/29/05 A	nalyzed: 03	3/30/05			
% Moisture	ND	0.1	%							
Duplicate (EC53015-DUP1)	Sou	rce: 5C28009-	01	Prepared: 0)3/29/05 A	nalyzed: 03	/30/05			
% Moisture	12.3	0.1	%		12.6			2.41	20	
Batch EC53104 - Water Extraction		- <u></u>								
Blank (EC53104-BLK1)				Prepared &	. Analyzed	: 03/30/05				
Chloride	ND	0.500	mg/kg							
LCS (EC53104-BS1)				Prepared &	z Analyzed	: 03/30/05				
Chloride	10.4		mg/L	10.0		104	80-120			
Calibration Check (EC53104-CCV1)				Prepared &	k Analyzed	: 03/30/05				
Chloride	10.5		mg/L	10.0		105	80-120			
Duplicate (EC53104-DUP1)	Sou	rce: 5C30002-	01	Prepared &	k Analyzed	: 03/30/05				
Chloride	13600	1000	mg/kg		13700			0.733	20	

Rice Operating Co.Project:BD Vent C-4Fax: (505) 397-1471122 W. TaylorProject Number:None GivenReported:Hobbs NM, 88240Project Manager:Roy Rascon04/07/05 14:25

Notes and Definitions

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

	Kaland KJulis		
Report Approved By:	- Caran C 110	Date:	4/7/2005

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.

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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: R.D. Vent 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:

					-	٦	Preservative	<u>s</u>		-	ž Ž					es 1						 	ŀ	۳
Constitution only	FIELD CODE	ion the same of	Date Sampled	belgring. emiT	No. of Containers	HCI HMO ²	HOM	Acone Nome	Однек (Specify)	Waki	Sod	Other (specify):	TPH 418.1	8001\2001 XT H9T	ояалья метоя нат	Wetsta: As Ag Be Cd Cr Ph Hg	Semivotatiles	BTTEX 8021B/5030	EC, CEC, SAR, ESP	Major cationa/aniona, TDS			Standard TAT HRUS TAT brandard	
<u> </u>	4 Wall Como.	3/23/5	159467	8.46	× /						×		×		74					-				
20-	Bottom Como.	,,~	124/6 5	11:15	*<			-			×		×		×									
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Special Instructions:														Sar Fer Tar	a de la co	Sample Containers Intact? Temperature Upon Receipt Laboratory Comments:	te de la	A Se de	ъŧ.		Ø.	z		NAMES OF STREET
Relinquished by:	Date	Time	Received by.	120					'	Date	1		Time		3	•	7	Ö	J					ASC SS
Marcal fear.	3/28/105	7.36	19/1						n	o i	î	1	100	3										श्री इंस्कृति हैं
Relinquished by.	Siz 8 zz 8 zz 8	3.33 p	received by ELOT						r	apeo c		Date Time	time.											8488995
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Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

client: Rice operating			
Date/Time: 3/28/05 3:30			
Order #: <u>502800 \</u>			
Initials:			
Sample Receip	ot Checklist	-,	
Temperature of container/cooler?	Yes i No	-1.0 c	1
Shipping container/cocier in good condition?	No Idean		
Custody Seals intact on shipping container/cooler?	I KEEN NO	Not present	į
Custody Seals intact on sample bottles?	Mes No	Not present	1
Chain of custody present?	ICTES I No		j
Sample Instructions complete on Chain of Custody?	OF No	<i>**</i>	<u>.</u>
Chain of Custody signed when relinquished and received?	10 es : No		<u> </u>
	THAT (NO)	*	<u> </u>
Container labels legible and intact?	(Tes No		:
Sample Matrix and properties same as on chain of custody?	ICED: No		· •
Samples in proper container/bottle?	(res) : No		
Samples properly preserved?	Me No		ŀ
Sample bottles intact?	(Tes) No		
Preservations documented on Chain of Custody?	iCres No		•
Containers documented on Chain of Custody?	Yes (10)		<u>.</u>
Sufficient sample amount for indicated test?	I CES No		·
All samples received within sufficient hold time?	Me No		
VOC samples have zero headspace?	(Citory No	Not Applicable	
Other observations: * Sampledate on Coc 3/24/s For 4wall Con	np Label on c	ontainer is 3	(23/5
•			
Variance Docu Contact Person: - Roy Roscon Date: Time: 03-z Regarding: Connect: scopple date		Contacted by:	Jeanse MCHum
		*	
Corrective Action Taken: Somple date 3/23/5 as per extached e-mail	3-29-S		
			and the same of

Jeanne McMurrey

From:

"Roy Rascon" <rroyriceswd@leaco.net>

To:

"Jeanne McMurrey" <jeanne@elabtexas.com> Tuesday, March 29, 2005 9:00 AM

Sent:

Subject:

BD Vent C-4 COC label and sample label dates

Hi Jeanne,

In reference to the COC label date and the sample label date please use the sample label date 03-23-05. I did contact our Environ. Tech, on this matter and he did verify the sampling date. Thanks for bringing this to my attention, and we will try to prevent this from happening again. Thank you very much.

Roy R. Rascon RICE Operating Company 122 W. Taylor Hobbs, NM 88240 505-393-9174

This message has been scanned for viruses and dangerous content by MailScanner at BasinBroadBand.com, and is believed to be clean.

3/29/2005

BD C-4 vent T22S, R37E

10 ft WEST of junction

17	16	15	14	13	12	11	Depth bgs (ft)
98	133	424	487	1147	874	728	ار©ات] ppm

Groundwater = 92 ft

