1R- 426-247

REPORTS

DATE:





1R426-247

RECEIVED

APR - 6 2010

Environmental Bureau Oil Conservation Division

CLOSURE

RECEIVED

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

app - 6 2010

				BOXLOC			En Oil	wronmen Conservat	tal Bure	au
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DI	MENSIONS	S-FEET	21021
Blinebry-Drinkard	Jct. K-25	к	25	21S	37E	Lea	Length	Width	Dej	oth
LAND TYPE: B	BLM	STATE	FEE LA			k Owen Est.				
Date Started	12/18	/2009	Date Cor	npleted	12/31/200	00000000000000000000000000000000000000	Witness	n	0	
Soil Excavated	4.4	cubic yar	ds Exc	avation Len	gth <u>5</u>	5 Width	3	Depth	8	_feet
Soil Disposed	0	cubic yar	ds Off	site Facility		n/a	_ Location	······	n/a	
	CAL RE	SULTS:	Samp	le Date	12/18/2	009	Sample Dep	oth	8 ft	

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

Sample	PID (field)	GRO	DRO	Chloride
Location	ppm	mg/kg	mg/kg	mg/kg
SOURCE 8' GRAB	0.0	<10.0	<10.0	16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
	4'	88
	5'	88
trench at the	6'	86
junction (source)	7'	118
	8'	117

General Description of Remedial Action: This junction was eliminated during the

pipeline replacement/upgrade program. After the former junction box was removed, an

investigation was conducted using a backhoe to collect soil samples at regular intervals

creating a 5x3x8-ft deep excavation. Chloride field tests were performed on each sample

which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest

sample, 8 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH. Lab analysis confirmed low concentrations of

each. The excavated soil was returned to the excavation and contoured to the surrounding area. On 12/31/2009, site was seeded with a

blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, PID (field) screenings, chloride curve

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

SITE SUPERVISOR _	Noel Carmona	SIGNATURE	al ce		COMPANY_	RICE OPERATING COMPANY
REPORT ASSEMBLED BY	Larry Bruce Baker Jr.		KBB			
PROJECT LEADER _	Larry Bruce Baker Jr.	SIGNATURE	Lany Bruce	Baher Jr.	DATE_	3-25-10

12/31/2009

Site complete

Seeding site





Delineation trench being excavated





Unit K, Section 25, T21S, R37E



Site prior to excavation



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: BRUCE BAKER 122 W. TAYLOR HOBBS, NM 88240

Receiving Date: 12/18/09 Reporting Date:12/23/09 Project Number: NOT GIVEN Project Name: SOURCE @ 8' Project Location: B.D. K-25 (21-37) Sampling Date: 12/18/09 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: HM Analyzed By: CK/AB/HM

CI*

(mg/kg)

GRO DRO (C₆-C₁₀) (>C₁₀-C₂₈)

(mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS DATE	12/20/09	12/20/09	12/21/09
H18913-1 SOURCE @ 8'	<10.0	<10.0	< 16
Quality Control	574	583	50G
True Value QC	500	500	500
% Recovery	115	117	100
Relative Percent Difference	3.7	8.1	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI^{*}: Std. Methods 4500-CI^{*}B *Analysis performed on a 1:4 w:v aqueous extract. Reported on wet weight.

Chemist

H18913TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsbeever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consecuential damages, including, without limitation, business interrubtions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising but of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

.

٠

DINAL, LABORATORES, INC. 2141 Boochwood, Abliene, TX 795 (325) 573-7001 Fax (325) 573-70	03 101 East Marlaud, Hobi 120 (505) 393-2326 Fox (60	ba, NW 88240 (5) 393-2476	1001000-10-N	I AND ANALISIS MENDER
D/det of Level 2 Co		0.1 7.110		ANALYSIS REQUEST
Lock of		20.4/		
Party Party	, and and the property of the state state of the providence of the state of the state of the state of the state	Company:		
State: K.	The Said Co	Attn:		
Fax #1	Soft Seller	Addioas:		
Project Owner:	ցորդորդիրություններին աներաներությունը, որոշորդություններություններում։ որոշեցներություններում	City:		
N. N. N.	an barn an Anna	State: Zlp:	-	
	·	Phone: #1		
	American and an and an and an and an an an and an an an and an			
and and a second provide the second of the s	WATRUE WATER CONTRACT OF A CON	FILESERY, CAMP	01111G	
	екз тек Хэтек Тек		- / _	
imple i.u.		52:25 1000 125:25 125:2		
	אלתו 10 2017 2017 2020 2020 400 2020	07748 07748 07748	TIME	
		12.16.21	2.4012.	
a and a second			· · · · · · · · · · · · · · · · · · ·	
a frankright of the state of th				
n den en sensenten an det en fra de la faire terrer terrenden an en an en sensenten de la sense				
n v internet de la managen de la managen vo				
and the second				
7 Fed Clents Lights toneny 127 http://www. ## carrowskinterret clafts a compart with the sign ## carrowskinterret of the set of the states of the set	મિલ્લુ ખેતરી લિકોર્ટ વિકારની તા ઉત્હોરિકારી સ્ટે કોળ્યો પ્રેલી કેલ્ડ 34 ભાર છે મે માઝાનુ કાલે દરભાવ્યે છે ઉપાદાની પ્રેલિંગ 34 મને 44 માણદેવાર, કેમન કર્વા છત્તુ, બે દેખ કર્વા જે જિલ્લી છે	દાને દાવે (I.T. દોક્ટલનો ગાંદી હંજુ (I.S. દોક્ટ તેલ્લો કે 11) છે. 10 દેશક જોવા દવાજોથીમાં બે ધિક્ર શાળકંદરોછે મન્યાન્વી છે. ચીલમે, મેં પ્રધાર્થકાર્ણના,	unional de la companya de la company La companya de la comp La companya de la com	ર દ્વાર્થ ઉદ્યતી(દ્વારા) પ્રતામકા પ્રતા (જેલાકાર) છે છે છે. દ્વારા તે ભેટલે પ્રોપ્ટ ૬૪ દ્વાર્થ વાય શે છેને ત્વનિ બે ડિ.સે. દ્વાર પ્રભાષ્ટન કે આ છે લગાવાળી લેવે જે પ્રત હો નદાકે છે ત્વીનદાળિતા, ઉત્તોધ્યોળ શીળાન્યું કે છે હો.
HAVER OF CONSECTIVE INTERIOR BY CARDINA TO PUESA	et stedne uch elefa h burd portany el tra h	itoria elefondi gaaromeenen markeenen erenen erenen markeenen aan aan aan aan aan aan aan aan aa	[Phone Reachts	
<u>7</u> [1:1:9:			Fax Result: REMARINS:	
12. (St.	The apyred By: (Lah Statt)	n and a subscription of the subscription of th		Particular and the hold of the
	Tamps Condline	ault Charked		
		as (millate)		

 $rac{1}{2}$ Cardinal cannot accept verbal changes. Please fax witten changes to (325) 573-7020.

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

	Model: PGM 7300	Serial No: 590-000183	Model: PGM 7600	Serial No: 110-023920
	Model: PGM 7300	Serial No: 590-000508	Model: PGM 7600	Serial No: 110-013744
· ·	Model: PGM 7300	Serial No: 590-000504	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO:	EXPIRATION DATE:
FILL DATE:	METER READING ACCURACY: 11 Jack Bar

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
f de la composition de la comp	A - A ST		and the second s		and a second s

SAMPLE ID		PID	SAMPLE ID	PID PID
	1 1 1 1 1	0		
	and the second sec			
	i ,	20. 20		
	9	ي ^{-د} .		
			-	
		<u></u>		
		<u> </u>		
		- <u></u>		

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

RICE Operating Company

BD JCt K-25 EOL Unit 'K', Sec. 25, T21S, R37E

Backhoe samples at the junction (source)

[[Gl]]ppm	88	88	98	118	117
Depth bgs (ft).	4	5	6	7	8



