1R-426-258

REPORTS

DATE:

2-25-0

BD Jct L-30 2009

18426-258

RECEIVED

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Environmental dureat Oil Conservation Division

DISCLOSURE

RICE OPERATING COMPANY PORT

APP - 8 2011 Environmental Bureau
Oil Conservation Division

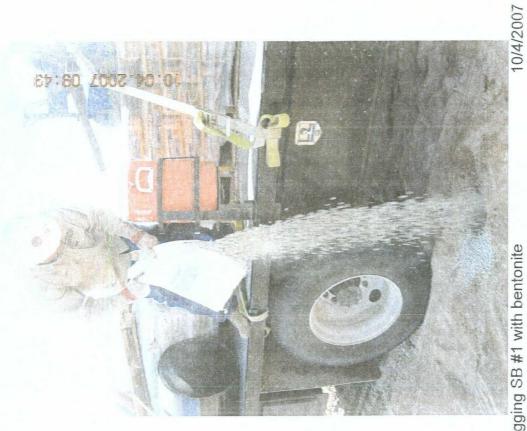
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UN	C7	101	1 8	ОХ	DI:	SCI	LO	SL	JRE*	RE	1

			BOX LOC	CATION			AND THE PROPERTY.	my physici
SWD SYSTEM JU	NCTION	UNIT SEC	TION TOWNSH	IP RANGE	COUN		IMENSIONS - FE	
Blinebry-Drinkard (BD)	lct. L-30	L ;	30 21S	37E	Lea	Length	Width oved 30 ft south	Depth
(80)							Wod oo ii dadaii	
LAND TYPE: 8LN	ST.	ATEF	EE LANDOWNE	R <u>Nymeye</u>	r Proper	ties OTHER		
Depth to Groundw	ater 1	48feet	NMO	CD SITE ASS	ESSME	NT RANKING S	CORE:	10
Date Started	4/16/200)7 Da	ite Completed _	10/4/2007	00	CD Witness	no	
Soil Excavated	333.3	_cubic yards	Excavation	Length 30	w	fidth	Depth 12	!feet
Soil Disposed	12	_cubic yards	Offsite Facili	tySund	ance	Location	Eunice, î	MM
FINAL ANALYTICA	AL RESU	LTS:	Sample Date _	1 /23/2007, 10/	4/2007	Sample De	pth 12 ft	t, 70 ft
Procure 5-point composidewalls. TPH and approved lab and	Chloride lab	oratory test re	esults completed	l by using an	f	CHLOR	IDE FIELD TE	STS
Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg	\neg	LOCATION	DEPTH	mg/kg
4-WALL COMP.	5.2	<10.0	<10.0	2110	러 ㅏ	4-wall comp.	n/a	1888
воттом сомр.	3.9	<10.0	<10.0	2960	-1	bottom comp.	12'	2257
BLENDED BACKFILL	4.2	<10.0	<10.0	1040	-1	blended backfill	n/a	1062
SB #1 @ 70'		100	1		- -	background	1"-3"	57
	-	File, " a GEN -	<u> </u>		-		5	352
General Description of I	Remedial A	ction: This is	unction boy was a	iddressed durin	.		10	1890
he pipeline replacement/up					<u> </u>	ŀ	15	3478
nvestigation was conducted						ŀ	20	3079
producing a 30x25x12-ft-de					_	-	25	2613
						}	30	
vielded elevated concentrations						SOIL BORING		1667
vielded low concentrations.			4		J	at 15 ft west of the junction	35	1938
composite samples were co					'',	(10/4/2007)	40	1246
and the excavation walls. L				_	- 1	}	45	1204
elevated concentrations of c					- 1		50	1069
excavated soil was returned						-	55	829
S-5 ft BGS, a 1-ft thick clay					— 1	-	60	451
he excavation to ground su							65	231
contour to the surrounding a					L		70	170
ormer junction site to mark								
vith a blend of native vegeta		<u> </u>		_			• .	
00 ft south of the former. To								
unction box. The boring wa				~	:			ed on each
ample yielded elevated cor								
concentrations of chloride.	i ne entire bo	re noie was più	gged with benton	ite to the ground	surface	. NMOCD was no	otified of potenti	al ground-
vater impact on 2/19/2010.		DOUTIONA	LEVALUATO	24/15/1/24/	00101	DITY		
		ADDITIONA.	L EVALUATIO					lata al al a a consta
				riciosures, prior	05, 001111	g log, lab results,	Cross-section, c	
I HEREBY C	ERTIFY TH	AT THE INFO	RMATION ABO KNOWLEDGE			MPLETE TO TH	E BEST OF M	1Y
ITE SUPERVISORN	oel Carmona	SIGNATUR	RE	<u> </u>		COMPANY_	RICE OPERATIN	G COMPANY
REPORT ASSEMBLED BY	(atie Jones	INITIA						
ROJECT LEADER Larry	Bruce Baker	<u>r.</u> SIGNATUR	e de air	Buce B	Los	A	2-25	210
			θ "		j	•		
THIS SILE	13 a DISCEL	バンシベニ、 IL WIII DI	e biaced ou a buou	uzeu iistot simila	i sites for	further consideration	JII.	

5/1/2007 4/27/2007 30x25-ft excavation with a clay barrier installed and a new, watertight junction box site complete with a clay marker



drilling SB #1 15 ft west of the former junction box



plugging SB #1 with bentonite



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR

HOBBS, NM 88240 FAX TO: (505) 397-1471

Sampling Date: 04/23/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: BC/HM

Receiving Date: 04/24/07
Reporting Date: 04/25/07
Project Number: NOT GIVEN
Project Name: B.D. JCT L-30

Project Location: NOT GIVEN

	GRO	DRO	
	(C_6-C_{10})	$(>C_{10}-C_{28})$	CI*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS E	DATE	04/24/07	04/24/07	04/25/07
H12503-1	4 WALL COMP. @ 30'x25'	<10.0	<10.0	2110
H12503-2	BTTM. 5PT COMP. @ 12'	<10.0	<10.0	2960
H12503-3	BLENDED BACKFILL	<10.0	<10.0	1040
Quality Cont	rol	780	785	480
True Value (QC	800	800	500
% Recovery		98.1	98.1	96.0
Relative Per	cent Difference	0.5	0.7	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Ci⁻: Std. Methods 4500-Ci⁻B *Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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07.07-579 (979) XBX (979) P/3-/070	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NAMED IN THE OWNER, THE PERSON NAMED IN THE OWNER, THE PE	
070/-5/9 (975) XBU 100/-5/9 (675	The second section of the second section secti	
(350) 0/3-/00 [BX [350] P/3-/050	The state of the s	

AAA	A ARDINAL I ABORATORIES INC		CHAIL	1-OF-CUSTODY	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	REQUEST
	2111 Beachwood, Abliene, TX 79603 (325) 673-7001 Eax (326) 673-7020	101 East Marland, Hobbs, NM 88240 (505) 393-2226 Fax (605) 393-2476	bs, NM 88240 5) 393-2476			en ed
Company Name:	815 Cherry 600		BILLYO		ANALYSIS REOLIEST	
Project Manager:	The Marie of the State of the S		P.O. #:			
Address:			Company:			·:
Clty: ////	State: // ZI	(p: 7.52.70	Attn:			
Phone #: *1.75	Contract States Fax#: State States	12/1/26	Address:			
			city;			1
Project Name: /			State: Zlp:	-		
Project Location:			Phone #:			
Sampler Name:	The state of the s		Fax #;			
FOR LAB USE ORLY		MATRIX	PRESERV. SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. GROUNDWATER SOIL JIL SLUDGE	отнея: Отнея: Отнея:		-/2	
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2	Called Mill Comp Carrier	\(\frac{1}{2}\)	73	9:40 A.M. V.		
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PLEASE NOTE: Lubility strift stayings. All define to being the service. In no event was carding	PELISE HOTE: Louisty and Danages, Cardinal's Wobilty and cleant's ecclusive ramedy for any clean arising methyl based in contract of tert, shall be finded to tile amount halb by the clean the many many and recorded by Cardin that have not appreciate and any other case when some than the same competen of the appreciate any contract of amounts and contract in the case of the same competen of the appreciate and contract of the based by clean by clean the based of the case	ther based in confract of Vert, a stall be finished to the amount paid by the circuit in which one freezhed by Centrally which about a new conjection of the applicable stemplishes loss of two of New of posities hearred by other, to soldishes.	inked to the amount load by the circuit on the dear of dear one-them of the applicable extred by clear, its uchidas has	En experience of the second se	Terms and Conditions: Organist will be charged on all products more than dead per part due at the rate of 24% per annum brom the original date or invokes, and all costs of order-loss behinden attorneys and	all accounts more than in the original date of invoke,
Sampler Relinquis	Sampler Relinquis News of or or third to the performance of services between the content of services and services and the services of the serv	Received By:	re stated resears of otherwise and an analysis	Phone Result:	T Vest (1 No.	
Relinguished By:	45 Mm.	Pacaluad Bur II ah Stell	J. J.		N D N D	
•		ling card the particular				
Delivered By: (Circle One) Sampler · UPS · Bus · Other:	Virole One) Jus - Other:	Sample Condition Temp, C Intact? Temp, Temp, Yes	Checked By:			

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

Logger:	Lara Weinneimer	Client:	Well ID:
Driller:	Harrison & Cooper Drilling	RICE Operating Company	
Drilling Method:	Air rotary	Project Name:	
Start Date:	10-4-07	BD jct. L-30	
End Date:	10-4-07	Location:	SB - 1
Comments: Located 15	ft west of former jct. box	BD SWD System	08-1
TD = 70 ft	GW = 89 ft	unit 'L' Sec.30 T21S, R37E Lea County, NM	

	TD = 70 ft		GW = 89 ft	Lea County,	NM	
Depth (feet)	chloride lab tests	PID	Description	Lithology	Soil B Constru	
5	352		0 - 5 ft RED CLAY			
10	1890		5 - 10 ft VERY FINE TO FINE SAND Reddish-brown, dry			
15	3478		10 - 15 ft SAND WITH CALICHE FLECKS Light brown, dry	ATTACHEN COLOR		
20	3079		15 - 20 ft COARSE SAND Light brown, dry			
25	2613		20 - 25 ft SAND with up to 1/2 in rock, light-brown, dry			
30	1667		25 - 40 ft			
35	1938		FINE TO COARSE SAND with up to 1/4 in rock, brown, dry		, t	pentonite seal
40	1246					
45	1204					
50	1069		40 - 60 ft FINE TO SLIGHTLY COARSE with up to 1/4 in rock, light-tan, dry			
55	829					
60	451					
65	231		60 - 70 ft FINE SAND Reddish-brown, dry			
70	170					. 17



PHONE (325) 67.3-7001 - 21.111 BEECHWOOD ABILENE TX 72603

HONE (505) 393-2326 - 다 트 MARLANG HOBER NM 32240

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: KRISTIN POPE 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (575) 397-1471 OCT 1:2007 THE OPERATING MODES NO

Receiving Date: 10/08/07 Reporting Date: 10/09/07 Project Number: NOT GIVEN Project Name: BD JCT. L-30 Project Location: BD JCT. L-30

Analysis Date: 10/08/07 Sampling Date: 10/04/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: SB

Analyzed By: HM

CI

LAB NO. SAMPLE ID (mg/Kg) H13459-1 SB #1 15' WEST OF FRM JCT 64 BOX @ 70' Quality Control 500 True Value QC 500 % Recovery 100 Relative Percent Difference < 0.1 METHOD: Standard Methods 4500-CIB

Note: Analysis performed on a 1:4 w:v aqueous extract.

Chemist Dat

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

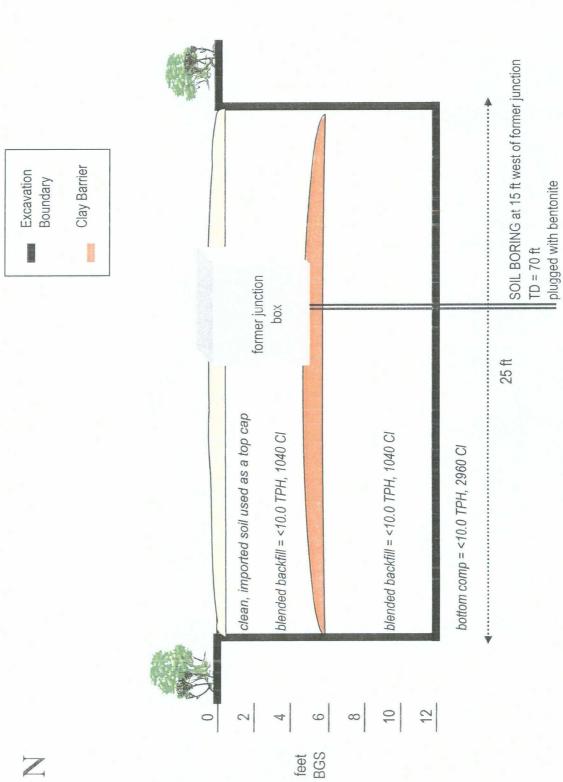
Company Name:	Rice Operating Company		BILLTO	ANALYSIS	SIS REQUEST	
Project Manager: Kristin Pope	Kristin Pope		P.O. #:			
Address: 122 West Taylor	/est Taylor		Company:			
city: Hobbs	State: NM	Zip: 88240	Attn:			
Phone #: 393-9174	74 Fax #: 397-1471	7.1	Address:			į
Project #:	Project Owner:		City:			
roject Name: 4,0	0 118 6-36		State: Zip:] 	
Project Location:	Project Location: 30 tel		Phone #:			
Sampler Name:	L. Beinghammer		Fax #:			
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS WASTEWATER SOIL OIL	OTHER: ACID/BASE: OTHER: DATE TIME TIME TIME TIME TIME TIME TIME TI			And the same of th
11545 V V 1	41 mg to now 21 19 11 11 11 12 12 12 12 12 12 12 12 12 12		 -			
	hox & 70°					

PLEASE NOTE: Llability and Dannagas. Cardinal's liability and client's exclusive retinedy for any claim arising whether based in contract or fort, shall be furnised to the annount paid by the client for the azalasys. All claims madding those for registere and any other cause whitebeaves shall be determed whether divides and the space of the

LINEW he was (The soil was Journ Brief with with 4 pipe & Con find toin ☐ Yes ☐ No Add1Phone#: ☐ Yes ☐ No Add1Fax#: Email resilts Phone Result: Fax Result: REMARKS: CHECKED BY: (Initials) Sample Condition
Cool Intact
X Yes Yes Time: 10.8-27 Date: Time: Sampler 2 UPS - Bus - Other: Delivered By: (Circle One) Refinquished By:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Excavation Cross-Section

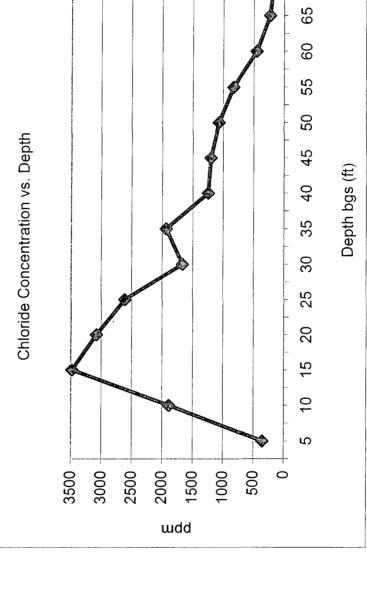


BD JCt. L-30 Unit 'L', Sec. 30, T21S, R37E

SOIL BORING samples at 15 ft west of the junction (source)

														110 000000
[CI ⁻] ppm	352	1890	3478	3079	2613	1667	1938	1246	1204	1069	829	451	231	170
Depth bgs (ft)	5	10	15	20	25	30	35	40	45	20	22	09	92	02

Depth bgs (ft)	[Cl ⁻] ppm
ဂ	352
10	1890
15	3478
20	3079
25	2613
30	1667
35	1938
40	1246
45	1204
50	1069
55	829
60	451
65	231
70	170



70

Groundwater = 148 ft