1R - 426 - 136

REPORTS



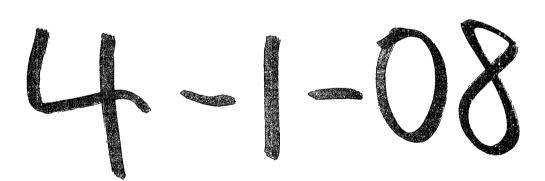
4-1-08

BD LGWarlick EOL

IR426-136

DISCLOSURE

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RICE OPERATING COMPANY JUNCTION BOX **DISCLOSURE*** REPORT

				BOX LOCA	TION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX		NS - FEET	-
BD	L.G. Warlick	А	19	215	37E	Lea	Length	Width	Depth	
	EOL	~	19	215	SIE	Lea	mo	wed 45 ft Sc	outh	
	BLM STA		_FEE LANDO	OWNER	Joe Robir	SSMENT R		CORE	10	
Date Started			-	mpleted			D Witness		no	
Soil Excavated	100	cubic ya	ards Exc	avation Ler	ngth <u>15</u>	Width	15	Depth	12	fee
Soil Disposed	0	cubic ya	ards Off	fsite Facility	n	/a	Location		n/a	<u>.</u>

FINAL ANALYTICAL RESULTS:

Sample Date 2/22/07, 4/17/07

12, 70 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.

Sample	PID (field)	GRO	DRO	Chloride
Location	ppm	mg/kg	mg/kg	mg/kg
4-WALL COMP.	24.7	<10.0	217.0	560
BOTTOM COMP.	57.9	<10.0	319.0	1470
BACKFILL	34.1	<10.0	356.0	224
SOIL BORING @ 70 ft	XXX	XXX	XXX	1136

LOCATION	DEPTH (ft)	ppm
LUCATION		
	5	183
	6	238
	7	568
5 ft SOUTH	8	352
of jct.	9	820
	10	882
	11	990
	12	1600
4-wall comp.	n/a	526
bottom comp.	12	1236
backfill comp.	n/a	351
	15	1630
	20	1166
	25	1109
	30	1278
	37	1085
SOIL BORING 5 ft	40	1113
SOUTH	45	1113
of jct.	50	1057
	55	966
	60	1175
	65	1298
	70	1186
	75	1121

CHLORIDE FIELD TESTS

Sample Depth

General Description of Remedial Action:

Samples were collected at the former box site using a backhoe and chloride field tests and PID readings were performed on each of them. Although OCD TPH guidelines were met on the 15 x 15 x 12-ft excavation, chloride concentrations did not relent with depth, particularly 5 ft south of the junction. The excavated soil was blended on site and returned to the excavation to 6 ft BGS. At 6 ft the excavation walls were extended 5 ft laterally and a 20 x 20 x 1-ft-thick clay barrier was installed to inhibit further downward migration of chloride remaining. The remaining fill was placed on top of the clay and mounded to shed rainwater. The disturbed area was seeded with a blend of native vegetation on 3/6/07 and is expected to return to productive capacity at a normal rate. To further delineate the vertical extent of chloride, a soil boring was initiated 5 ft south of the former box on 4/17/07. The boring was advanced to a depth of 75 ft and soil samples indicated chloride was generally consistent. The borehole was plugged with bentonite clay and a identification plate was placed on the surface to mark the clay below and the location of the former box site for future environmental considerations. OCD was notified of potential groundwater impact at this site on 6/29/07.

with the pipeline replacement program and a new, replacement box was built 45 ft south.

ADDITIONAL EVALUATION IS LOW PRIORITY

enclosures: photos, lab results, PID field screenings, cross-section, chloride graph

I HEREBY CEF		ION ABOVE IS T WLEDGE AND E	TRUE AND COMPLETE TO THE BEST OF MY
SITE SUPERVISOR No	el Carmona SIGNATURE	Acke	COMPANY RICE Operating Company
REPORT ASSEMBLED BY	Kristin Farris Pope	SIGNATURE	Anizin Starias Pane
DATE	6/29/2007	TITLE	Project Scientist

This junction box site was addressed

* This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.



PHONE (325) 673-7001 - 2111 BEECHWOOD ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 04/20/07 Reporting Date: 04/20/07 Project Number: NOT GIVEN Project Name: NOT GIVEN Project Location: BD WARLICK EOL Analysis Date: 04/20/07 Sampling Date: 04/17/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: HM

LAB NUMBER SAMPLE ID

Cí (mg/Kg)

H12488-1 SB #1 @ 70'	1136
Quality Control	480
True Value QC	500
% Recovery	96
Relative Percent Difference	2.1

METHOD: Standard Methods

4500-CI'B

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

H12488

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or fort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days effer completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Client, its subsidiands, alfiliates or successors arising out 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.

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CHAIN-UF-U-UIOI UIO	a, NM 88240	1 393-2476 References	P.O. #:	Company:	Attn:	Address:	city:	Štata: Zip:	Phone #:	Fax #:	PRESERV. SAMPLING	рлек : СОООС СООС СООС СООС СС СООС С С С С С	V V C			કોર્ફેન્ટી કે કોંગ આપણો ટ્રોઇ કિંપ્ટે મેક્સ દર્કાર્ટા કે પિઝ્ટ 3 હેવુર હોસ્ટ હભાપ્ટેક્સ્ક્રેન્સ થય ન કલ્ટોં અડીન હત્વર તે છે ન કોર્સના, છે અહે જિન્સેન્સ,	w sheed record a shewler.		NOT EMAIL	ah.	Checked By: Initiats
		(J25) 673-7001 Fax (J25) 673-7020 (505) J93-2326 Fax (605) J93-2476			State: 1/1 1/ ZIP: & & 3 410		Projact Ownar:		<i>207</i>		MATRIX NATRIX	אינא סת (כ)טאף, נסעדאואבתs קסטאטעאדפת איגדניעאדפת וונ ווספב				ר ולהרבות לדר היא לנשיות שלא שלא שלה לא היא שיר של הרמון ולא לא לא לא שלא לא שלא שלא שלא שלא שלא ש	under sy Garanti ta ya are at an andre and a ban dan a bara dan an a	There is the second state of the second state	Date: 1 Rocolv By: [Lab Staff)	Time: (Lundelle	Temp X Hacit
ADDINI LADDATC	2111 Beachwood, Abilene, TX 79303	(325) 673-7001 Company Name: L	1	2	O. A.S.		Projact #:	Projoct Hame:	Project Lucation: BD WAr NCK	40	241.13 USE UKT	Lab-I,D. Sample I.D.	AD498-1 3B#1 @ 7			 ગારે દિવર્ષિ કે કે આ દેવાકો કે આવે વિકાર વેળવારે ધરહાર કારોવાર વધાર છે ધ કે વધા મારે દુર્વાલો છે છે. આ દેવાયા છે આવ્યા તે આવે કે આ દેવાર છે છે. આ દેવાયા કે આવ્યા મારે આવે બધાર બધાર છે આવે છે આવે છે. આ દેવાયા છે આ દેવાયા છે આ આવ્યા કે આવે છે. આ દેવાર છે તે આ દેવાયા છે આ વેલ્યા છે. આ વેલ્યા કે આ વેલ્યા કે આ દેવાયા છે આ દેવાયા છે. આ દેવાય	ווידי איז איז איז איז איז איז איז איז איז אי	Allow Resulting	Ryling Lieved By: + 1000	Λ	Dalivered By: (Circle One) Sampler - UFS - Bus - Othar:

r Cardinal cannot accept verbal changes. Please far written changes to (325) 673-7020.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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15' x 15' x/2

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

CK.		MODEL: PGM 761S	SERIAL NO: 104412	
MODEL	X	MODEL: PGM 7600	SERIAL NO: 110-013744	
NO.		MODEL: PGM 7600	SERIAL NO: 110-12383	
		MODEL: PGM 7600	SERIAL NO: 110-012920	

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 05-2992	EXPIRATION DATE: 5-28-07
FILL DATE: 11-28-05	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
	WARLICK				
BD	EOL	Α	19	21S	37E

SAMPLE ID	PID	SAMPLE ID	PID
4-WALL COMP.	24.7		
5PT BTTM COMP @12'	57.9		
BLENDED BACKFILL	34.1		

I verify that I have calibrated the above insrument in accordance to the namufacture operation manual.

SIGNATUE: per

DATE: 2-22-07



PHONE (325) 873-7001 · 2111 BEECHWOOD · ABILENE. 1X 79803

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

Receiving Date: 02/23/07 Reporting Date: 06/25/07 Project Number: NOT GIVEN Project Name; B.D. L.G. WARLICK EOL (VENT) Project Location: NOT GIVEN

Sampling Date: 02/22/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: HM Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Ci* (mg/Kg)
ANALYSIS DA	TE	02/26/07	02/26/07	02/26/07
H12241-1	BLENDED BACKFILL	<10.0	356	224
H12241-2	5 PT. BTTM. COMP. @ 12'	<10.0	319	1470
H12241-3	4 WALL COMP. @ 15'x15'	<10.0	217	560
Quality Contro	1	817	775	490
True Value Q(>	800	800	500
% Recovery		102	96.8	98.0
Relative Perce	ent Difference	0.2	4,3	1.0

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

the La Molens

Date

H12241

PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remedy for any claim arising, whether based in contract or tori, shall be limited to the amount paid by client for analysis. All claims, including indee for negligence and any other cause whatscarer shall be desmed waived unless made in writing and received by Cardinal within think (30) days after completion of the auducable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions loss of use or loss of profits incurred by client, its substitutes, affiliates of successors anisking out of or related to the performance of services hereinder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Pagaof	LL TO ANALYSIS REQUEST						Zla:	~ 7		\$AMPLING	28 HJ_L -17 -17	<u>11 k</u>	10:35	V 2:07 p.m. V V						by the clean by the contract of the 30 days part due it the rate of 24% per annum bon the original date of invice, as applicable where of 24% per annum bon the original date of invice, as a ppdicable when, including including including a strong provided in the original date of invice.	1 DHAMA RANIH.			
East Marland, Hobbs, NM 88240 5) 393-2226 Fax (505) 393-2478	BILL	#:	pany:		:890			10 #;	ä	PRESERV.	CID/BASE: : E / COOF : HEK :	1								बरहर्व ता दल्तारंतरां का जर्भ, रोग्रेडी कि लिग्रेडव to the amount puld by th येनु कार्य तरक्लिकर्या प्रदार्थकां भर्माको ४४ जेना कॉन्ड व्याप्त्रेवर्तना शे के बन् द्वीता, किंब हर्य कर, दा केव वर्ष क्रवतीत मंद्रयान्त्र हेये क्षेत्रयां के क्षेत्रयिश्वेच.	treasons of character		J. J.	Checked By:
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2111 Beachwood, Abliene, TX 79. 2111 Beachwood, Abliene, TX 79. 2356 673-70001 Fax (3256) 673-7	Vice Dawriting	4	1.		393-9174		L. J. Wartico		Weel Carmona		Sample I.D.	Red L. I. R.	Ţ	4 well fame is		وبالم والإخرافي أحداث والمحالية المحالية والمحالية والمحالية والمحالية والمحالية والمحالية والمحالية والمحالية والمحالية		والمحافظ	فيبهدونه والأجريبي والأحجاب الالتيان والالتيانية ويهيدون والماليات فيرود والمتحالي	PLASE HOTE: Lubity and Damagea. Cardinal's tability and clenifs rationar analysing whether pared in contract or land, shall be finded to the amount and sy the clean fail the cardinal shall be finded to the amount and sy the clean fail the cardinal shall be finded to the amount and sy other clean fail the clean fail to the shall be finded to the amount and sy other clean fail to the shall be finded to the amount and sy other clean fail to the shall be finded to the amount and sy other clean fail to the shall be finded to the amount and sy other clean fail to the shall be finded to the amount and sy other shall be shall be the shall be the shall be than the shall be the shall be the shall be the shall be t there, in a start we cursted to shall be pared at a cardinary where it frameson, has a two of soche beards it and shall be the shall be	riticut a meratum muky od af or rikuta is to portormore et union brenok by Cordinal and dan material is total grant of the direction is a first later the		and a second and a s	rcle One)
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RICE Operating Company

122 West Taylor Hobbs, NM 88240 Phone: (505) 393–9174 Fax: (505) 397–1471

TO: FROM Joe FAX NUMBER DATE. 247 COMPAN TOTAL NO. OF PAGE INCLUDING COVER aro RF H12241-3 NOTES/COMMENTS Der chain of custody On -23-07 the excavation deminensors of the 20 liste 05 When it actually This is a request to hav demensions amendes the 10 1 X 16 in this is grea 001 he appreciaTe

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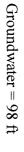
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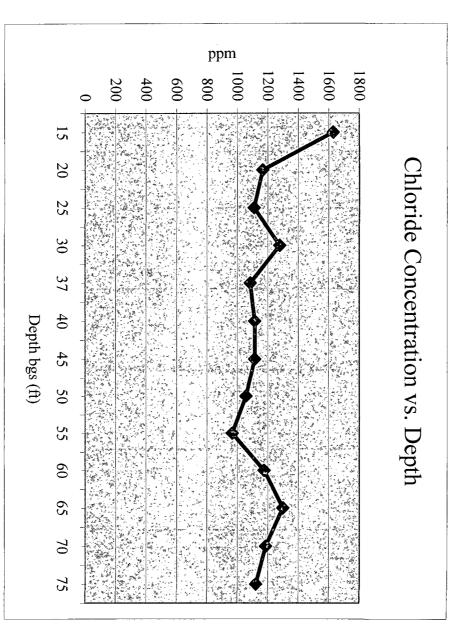
BD L.G. Warlick EOL

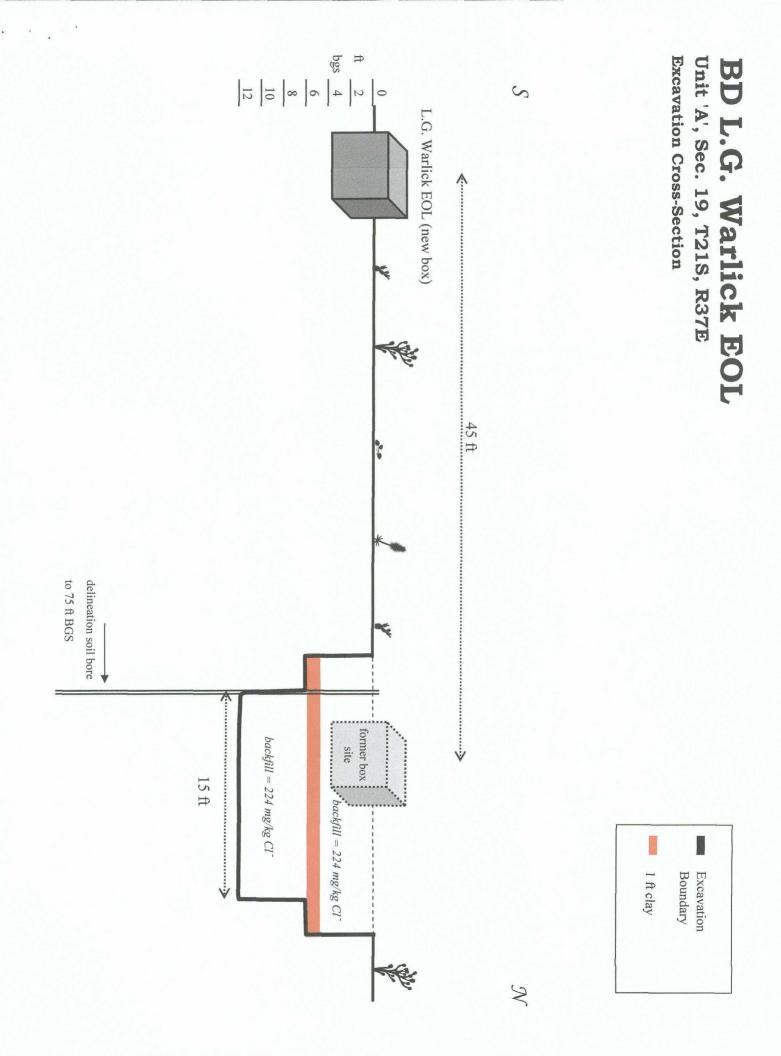
unit 'A', Sec. 19, T21S, R37E

SOIL BORING 5 ft South of junction

75	70	65	60	55	50	45	40	37	30	25	20	15	Depth bgs (ft)
1121	1186	1298	1175	966	1057	1113	1113	1085	1278	1109	1166	1630	[C] ppm









15 x 15 x 12-ft-deep excavation (view of bottom) 2/22/2007



beginning delineation at former box site 2/16/2007

BD L.G. Warlick EOL

Unit 'A', Section 19, T21S, R37E

Page 2 of 2

4/17/2007

soil boring 5 ft south of former box site



