1R - 425 - 63

REPORTS

DATE:



Vacuum Marathon 3 Warn St 'B' EOL



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MAL 2.5 2002 Environmental Bureau Oil Conservation Envision

DISCLOSURE

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

				BOX LOCA	TION				
SWD SYSTEM	A JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUN	TY BOX D	IMENSIONS - FEI	ET]
Vacuum	Marathon 3 Warn St. 'B'	G	33	17S	35E	Lea	Length	Width	Depth
vacuum	EOL	G		175	30E	Lea	, no box;	system abandonm	nent
LAND TYPE:	BLM	STATE X	FEE LAI	NDOWNER			OTHER		
Depth to Gr	oundwater	85	feet	NMOCE	SITE ASS	ESSME	NT RANKING S		10
Date Start	ed <u>8/9/</u> 2	2007	Date Cor	mpleted	3/27/2008	00	D Witness	no	
Soil Excavat	ed <u>333</u>	cubic yar	ds Exc	avation Le	ngth <u>30</u>	w	idth	Depth 12	feet
Soil Dispos	ed0	cubic yar	ds Of	fsite Facility	n	/a	Location	n/a	
FINAL ANALY	TICAL RE	SULTS:	Sample	Date	2/27/200)8	Sample De	pth1	2 ft
Procure 5-point sidewalls. TPH and lab and	•	ratory test r	esults comp	leted by usi	ng an appro		CHLOR	IDE FIELD TES	STS
Sample Location	PID (fie ppm	· .	RÖ /kg	DRO mg/kg	Chloride: mg/kg	S	LOCATION	DEPTH	mg/kg
4-WALL COM	P. 0.0	<1	0.0	<10.0	1,390		4-wal comp.	n/a	1,347
воттом сом	IP. 0.0	<1	0.0	<10.0	912		bottom comp.	12'	963
BACKFILL CO	<i>I</i> P. 0.0	<1	0.0	<10.0	1,150		backfill comp.	n/a	1,192
		•					background	6"	76
General Description	on of Remedia	al Action:	This junction	was eliminat	ed during the	e l		1'	335

G Vacuum SWD system abandonment. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 30x25x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded elevated concentrations. Organic vapors were measured using a PID, which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH. The excavated soil was returned to the excavation up to 4' below ground surface (BGS). At 4' BGS, a geosynthetic clay liner (GCL) was installed with clean, imported blow sand on either side to serve as padding. The remaining soil was returned to the excavation to ground surface and contoured to the surrounding area. An identification plate was placed on the surface at the former junction box site to mark the presence of the GCL below. NMOCD was notified of potential groundwater impact on 12/8/2008.

LOCATION	DEPTH	mg/kg
4-wal comp.	n/a	1,347
bottom comp.	12'	963
backfill comp.	n/a	1,192
background	6"	76
	1'	335
1	2'	410
	3'	646
vertical	4'	414
delineation	5'	665
trench at 10'	6'	556
west of the	7'	247
junction (source)	8'	275
(000,00)	9'	836
	10'	658
	11'	1,541
	12'	2,603

ADDITIONAL EVALUATION IS LOW PRIORITY

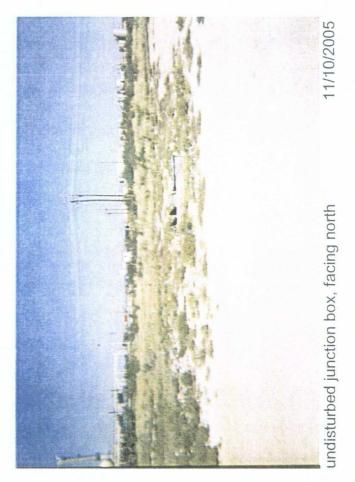
enclosures: photos, lab results, PID field screening, cross section, chloride curve

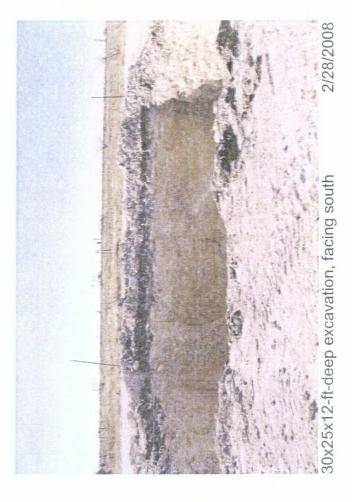
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR	Roy Rascon	SIGNATURE		not availai	ble	COMPANY	RICE OPERATING COMPANY
REPORT ASSEMBLED BY	Katie Jones	INITIAL _	КĴ		×		
PROJECT LEADER	Larry Bruce Baker Jr.	SIGNATURE	Harry 1	Bruce	Baker fr.	DATE _	12-10-08

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

Vacuum Marathon 3 Warn St. 'B' EOL Unit G, Section 33, T17S, R35E



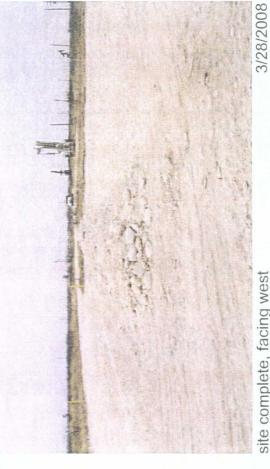


Page 1 of 2



site complete, facing west











ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (575) 397-1471

Receiving Date: 02/28/08 Reporting Date: 02/29/08 Project Owner: NOT GIVEN Project Name: vac. MARATHON WARN ST. A/C 3 DRINKARD EOL Project Location: NOT GIVEN

Sampling Date: 02/27/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: CK/AB

 GRO
 DRO

 (C₆-C₁₀)
 (>C₁₀-C₂₈)
 Ci*

 (mg/kg)
 (mg/kg)
 (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS [DATE	02/28/08	02/28/08	02/28/08
H14337-1	5 PT. BTTM. COMP. @ 12' BGS	<10.0	<10.0	912
H14337-2	4 WALL COMP. @ 30'X25'X12'D	<10.0	<10.0	1390
H14337-3	BLENDED BACKFILL	<10.0	<10.0	1150
Quality Cont	rol	418	470	490
True Value (QC	500	500	500
% Recovery		83.6	94.0	98.0
Relative Per	cent Difference	6.4	2.7	<0.1

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

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RICE OPERATING HOBBS, NM

Chemist Cleane

H14337TCL RICE

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roiect Manaver	Project Manager: ROV R. RASCON				#		記事業が必要が				Ā	ANALYSIS		IKEQUESI		L		L	Τ
Address: 122 WEST TAYLOR	ST TAYLOR			Con									میں				a y ana a		
City: HOBBS	State: NM	Zip: 88240		Attn:															
Phone #: (505) 393-9174	3-9174 Fax #: (505) 397-1471	7-1471		Address:	ess:			and Section 2.				ay 200 ay 200							721 - Berner 71
Project #:	Project Owner:			City:															icilia (1997) ain
Project Name:	VAC Marathon Warn St. A/C 3 Drinkard EOL	d EOL		State:		Zip:													
Project Location:				Phone #	e#:							n continue d							
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		P. MA	FRIX	Ê	PRESERV	RV SAMPLING	JNG		· · · · · · ·										
FOR LAB USE ONLY LAB ID#	SAMPLE I.D.	(G)RAB OR (C)OM F CONTAINERS F CONTAINERS F CONTAINERS	TADGE DIT OIT	CHD/BV6E	CE \ COOF VCID\BYZE:	C.h.a. 186	L Z L	W \$108 Hd.	-10	X I L			<u>, 1999 - Maria Andrea (1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 199</u>	ning and an analog of the state	97-97-1-97-97-97-14-14-1-97-2-1-1-97- <u>2-1-</u>	A Maraya ng Kanang K		Markin er sen sleift de Mark Mark (M. 1996) Mark (M. 1997) de Linder	nan kanala na kana na kana kana kana kan
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2,	4 wall comp @ 30'x25' x12'D	C I	X		X	2/28/08	1300	×	×	1									Τ
N	Blended Backfill	C 1	X		X	2/29/08	1440	X	x							-	-		
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) /2, 1, 2-25-08		Č	l'all	•		Fax Result:		X Yes		No	Add'l Fax#	ax #:	7	Ċ				
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE	OPER.	ATING	COM	PANY
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122 West Taylor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

CK. MODEL X NO.	MODEL: PGM 7600 MODEL: PGM 7600 MODEL: PGM 7600 MODEL: PGM 7600 MODEL: M5PID GAS COMPOSITIO	SERIAL SERIAL SERIAL SERIAL	. NO: 110-013676 . NO: 110-013744 . NO: 110-012383 . NO: 110-012920 . NO: SK107-008011 (LENE 100PPM / AIR: 1	BALANCE	
LOT NO : 07-3353			EXPIRATION DATE:	5-16-09	<u> </u>
FILL DATE: 11-16-	07		METER READING A	CCURACY: 100.0	
ACCURACY : +/- 2	%	T		·	·····
SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	MARATHON WARN ST AC 3 DRINKARD BATTERY EOL	G	33	17S	35E
SA	MPLE ID	PID	33 17S 35E SAMPLE ID PID		
FINA	L SAMPLES				
5PT BOTTO	M COMP @ 12'BGS	0			
4WALL COM	P @ 30' X 25'W X 12'D	0			
BLEND	ED BACKFILL	0		· · · · · · · · · · · · · · · · · · ·	

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

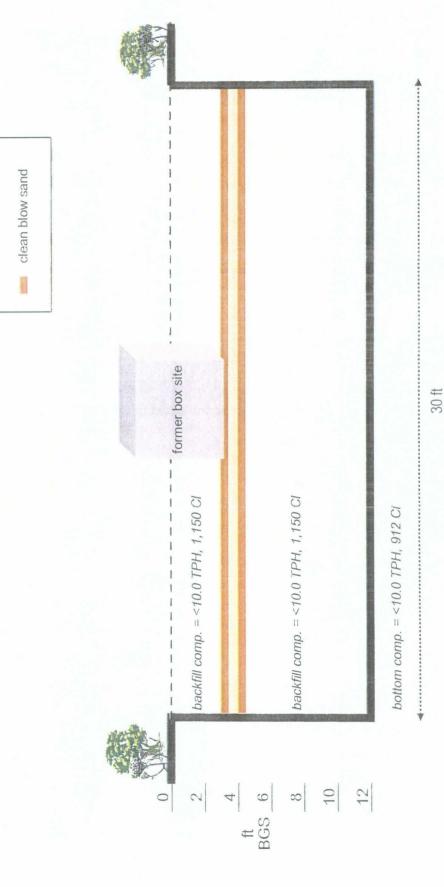
SIGNATURE: Hay R. Ross Con

DATE: 2-27-08

Vacuum Marathon 3 Warn St. 'B' EOL Unit 'G', Sec. 33, T17S, R35E

Excavation Cross-Section

N



F

geosynthetic liner

excavation boundary

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

Vacuum Marathon 3 Warn St. 'B' EOL

Unit 'G', Sec. 33, T17S, R35E

Backhoe samples at 10 ft west of the junction (source)

[Ci] ppm	335	410	646	414	665	556	247	275	836	658	1541	2603
Depth bgs (ft)	1	2	3	4	5	6	7	8	6	10	11	12



