1R-427-263

REPORTS

DATE:

02-02-06

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MAR 2.5.7009 Environmental Bureau Oil Conservation Division

CLOSURE

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RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

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				BOX LOCA	TION				
SWD SYSTEM JU	NCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX C	IMENSIONS	- FEET
Eunice Monument	t. P-35	Р	35	19S	36E	Lea	Length 6'	eliminated	Depth 3'
					l	L	I	Chilinated	
LAND TYPE: BLM		STATE X	FEE LA	NDOWNER			OTHER		
Depth to Groundw	ater	50	feet	NMOCI	D SITE ASS	ESSMENT	RANKING S	SCORE:	20
Date Started	10/1/	2008	Date Co	mpleted	10/10/2008		Witness	no	
Soil Excavated	7	cubic ya	rds Exc	cavation Le	ength 5	Width	3	Depth	12feet
Soil Disposed	0	cubic ya	rds Off	fsite Facility	n	/a	Location	r	ı/a
FINAL ANALYTICA		SULTS:	Samp	ole Date	10/7/200)8	Sample De	pth	12 ft
Sample	PID (fie	ld) G	RO	DRO	Chloride		OCATION	DEPTH	1 mg/k
	ppm 0.0	m	g/kg	mg/kg		─┥ ┝╴	ackaround	6"	182
SOURCE 12 GRAD	0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~23.0		╺─┛┟─┘		2'	138
General Description of I	Remedia	Action:	This junction	n was elimina	ated during th	ne		4'	166
pipeline replacement/upgra	de progra	am. After the	e former junc	tion box was	removed, ar	1		5'	179
nvestigation was conducted	d using a	backhoe to	collect soil sa	amples at reg	gular interval	s	vertical	6'	167
broducing a 5x3x12-ft-deep excavation. Chloride field tests performed on each sample					7'	171			
vielded low concentrations similar to that of the background sample. Organic vapors					8'	142			
neasured with a PID also yielded low concentrations. The deepest sample, 12 ft BGS, (source)						(source)	9'	140	
was sent to a commercial la	boratory	for analysis	of chloride a	nd TPH, whi	ch confirmed	low		10'	170
concentrations. The excava	ated soil v	was returned	to the exca	vation to grou	und surface a	and		11'	210
contoured to the surroundin	g area. (On 10/10/20	08, the site w	vas seeded v	vith a blend o	of		12'	170
native vegetation and is exp	ected to	return to a p	productive ca	pacity at a no	ormal rate.				

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

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY							
		KNOW	NEEDGE	AND BELIEF			
SITE SUPERVISOR	Jordan Woodfin	SIGNATURE	Inda	n Wood	COMPANY_	RICE OPERATING COMPANY	
			KT .		_		
ASSEIVIBLED BT	Kalle Jones						
PROJECT LEADER	Larry Bruce Baker Jr.		any	Bruce Baker In.	DATE_	2-2-09	
			0	· · · ·			



seeding backfilled site, facing northwest







undisturbed junction box, facing east

10/1/2008



EME Jct. P-35

Unit P, Section 35, T19S, R36E

collecting a soil sample, facing southwest



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

Receiving Date: 10/07/08 Reporting Date: 10/09/08 Project Number: NOT GIVEN Project Name: EME JCT P-35 Project Location: EME JCT P-35 Sampling Date: 10/07/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB/HM

	GRO	DRO	
	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	Cl*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	10/08/08	10/08/08	10/08/08
H16061-1 SOURCE BTM GRAB @ 12 FT	<25.0	<25.0	<16
	The state of the second state of the		
		(Mark 1997) - State (Market Market	
		·	
Quality Control	584	536	500
True Value QC	500	500	500
% Recovery	117	107	100
Relative Percent Difference	1.1	6.4	2.0

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.

Chemist

H16061 TCL RICE

PLEASE NOTE: Liability and Darnages. 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 megigence and any other cause whatsoever shall be deemed walved unless made to whiting and received by Cardinal within thirty (30) days after 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 subsidianes, affiliables 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilem

Company Name: RUE OPERENTAK	BILL TO ANALYSIS REQUEST
Project Manager:	2.0. <i>4</i> :
Address: 122 11 T. T. 446012	Company:
City: <i>P</i> (た分分 State: 人小 Zip: 多る 2 イン	Attn:
Phone #: 575) 393-4174 Fax #: 575) 397 - 1741	Address:
Project #: Project Owner:	City:
Project Name: EME JET P. 35	State: ZID:
Project Location: ENDE JC 7 P. 35	Phone #:
Sampler Name: Joi20.41V WooDFIN	iax #:
FDR.LAB USE CHA.Y MATRIX	PRESERV SAMPLING UN
Lab I.D. Sample I.D. # Соитыиея5 # соитыиея5 Волс Балономотея Солтеметеа Солтеметея Сол	MARE: MARKE:
HIGOLEI-I BUILLE BAR Grabe 12 FT & 1 15	X 10-1-08 9:16,44 X X
PLEASE MOTE: Liabuhy and Damages. Cwichai's Gability and clerits exclusive romedy for any claim arising whether based in contract o	(or, shall be limited to the amount paid by the clearl by the
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VSampler - UPS - Bus - Other:	All All

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

RICE OPERATING COMPANY

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



MODEL: PGM 7600 MODEL: PGM 7600 MODEL: PGM 7600 MODEL: PGM 7600 SERIAL NO: 110-013676 SERIAL NO: 110-013744 SERIAL NO: 110-12383 SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO :	08-3425	EXPIRATION DATE: 8-29-09
FILL DATE:	07-79-08	METER READING ACCURACY: 99.4

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	P-35	P	35	195	34E

SAMPLE ID ,	PID	SAMPLE ID	PID
Background	1.3		
U			
Source			
3	4.6		
4	4.8		
5'	3.1		
6'	3.2		
2'	0.0		

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

benden Wasser SIGNATUE:

DATE: 10-1-08

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RICE OPERATING COMPANY

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



MODEL: PGM 7300 MODEL: PGM 7600 MODEL: PGM 7600 MODEL: PGM 7600 SERIAL NO: 590-000183 SERIAL NO: 110-013744 SERIAL NO: 110-12383 SERIAL NO: 110-023920



GAS COMPOSITION: ISOBUTYLENE 100PPM / ATR: BALANCE

LOTNO: 03-3425	EXPIRATION DATE: 3-29-29
FILL DATE: 2-29-03	METER READING ACCURACY: 99.9

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
ÊMÊ	P-35	P	35	199	36E

SAMPLE ID	PID	SAMPLE ID	PID
Source			
. 8'	3.6		
9'	0.6		
10'	0.0		
11	0.0		
12'	0.0		
			· · · · · · · · · · · · · · · · · · ·

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

Judan Ward SIGNATUE:

07 DATE: 10 - 10 - 08

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME JCt. P-35 Unit 'P', Sec. 35, T19S, R36E

Backhoe samples at junction (source)

	138	166	179	167	171	142	140	170	210	170
Depth bgs (ft)	ю	4	5	9	7	æ	6	10	11	12

Groundwater = 50 ft

