1R-427-354

REPORTS

DATE:

-26-11

IR427-354

EME Jct. H-14

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2010

APR -1 2011 Oil Conservation Division 1220 S. St. Francis Drive Canta Ro, MA STES

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CLOSURE

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

				BOX LOCA	TION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX D	IMENSIONS	S - FEET	
Eunice Monument				000	205		Length	Width	Dep	oth
Eumont (EME)	Jct. H-14	Н	14	20S	36E	Lea		Eliminated		
LAND TYPE: E	3LM	STATE	FEE LA	NDOWNER	Jimmie Coope	r etux. Betty-J.T	Trust_OTHER			
Depth to Grour	ndwater	20	feet	NMOC	D SITE AS	SESSMENT	RANKING S	CORE:	20	
Date Started	6/15/	2010	Date Co	mpleted	6/25/2010	OCD	Witness	<u></u>	0	
Soil Excavated	6.7	cubic yar	ds Exc	avation Ler	ngth5	Width	3	Depth	12	fe
Soil Disposed	0	cubic yar	ds Of	fsite Facility	r	v/a	Location		n/a	
			Comm	le Date	6/15/20	10	Sample De	_ 6 L	12 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 12' GRAB	0.0	<10.0	<10.0	32

General Description of Remedial Action:	This junction and line were eliminated
during the pipeline replacement/upgrade program.	After the former junction box was
removed, an investigation was conducted using a l	backhoe to collect soil samples at

regular intervals creating a 5x3x12-ft deep excavation. Chloride field tests yielded

concentrations similar to that of the background. Organic vapors were measured using a PID, which yielded low concentrations. The

deepest sample, 12 ft. bgs, was sent to a commercial laboratory for analysis of chloride and TPH, which yielded low concentrations. The

excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 8/19/2010, the 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	Joe Gatts	_SIGNATURE_	not available	COMPANY	RICE OPERATING COMPANY
REPORT ASSEMBLED BY	Robert Egans	_ INITIAL_	RE		
PROJECT LEADER	Larry Bruce Baker Jr.	SIGNATURE	Larry Bruce Baher fr.	DATE_	2-26-11

	CHLORIDE FIELD TESTS							
LOCATION	DEPTH	mg/kg						
background	6"	87						
	8'	52						
vertical delineation	9'	54						
trench at the	10'	59						
junction (source)	11'	55						
	12'	58						

EME Jct. H-14



Delineation trench being excavated

6/15/2010



Unit H, Sec. 14, T20S, R36E



Collecting Sample

8/19/2010

Seeding excavation



8/19/2010



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: BRUCE BAKER 112 W. TAYLOR HOBBS, NM 88240

Receiving Date: 06/15/10 Reporting Date: 06/17/10 Project Number: NOT GIVEN Project Name: EME JCT. H-14 (20/36) Project Location: EME JCT. H-14 (20/36) Sampling Date: 06/15/10 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: JH Analyzed By: AB/HM

GRO DRO (C₆-C₁₀) (>C₁₀-C₂₈)

(C₆-C₁₀) (>C₁₀-C₂₈) CI* (mg/kg) (mg/kg) (mg/kg)

LAB NUMBE SAMPLE ID

ANALYSIS DATE	06/16/10	06/16/10	06/16/10
H20120-1 SOURCE @ 12'	<10.0	<10.0	32
		· · · · · ·	
Quality Control	504	460	500
True Value QC	500	500	500
% Recovery	101	92.0	100
Relative Percent Difference	0.2	1.0	< 0.1

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

Chemis

H20120 TCL 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 whatsoever 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 consequential damages, including, without limitation, business interruptions. loss of use, or loss of profits incurred by client, its subsidiaries, affliates 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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	ANALYSIS REQUEST								1 0		.12	1:19 × ×			sampleton of the split-sche sampleton of the split-sche on dra scheduration.	Phone Result: [] Yes [] No Add] Phone #: Pax Result: [] Yes [] No Add] Ex. 4.	ci Re crsud	kegang it it it	
9603 10	BILL TO	P.O. #:	Company:	Attn:	Address:	City:	State: Zlp:	#	Fax #;	PRESERV SAMPLING	THER : CID/BASE: THER : THER :	0 4 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Miellite Dread in contract or fort, shall be initiated in the minority hand for the minority hand for the	d received by Cardinal within 30 daya after con loss of use, ar loss of profits incurred by client is based upon any of the above stated reason	a. L	MACS -	CHECKED BY:	505-393-2476
40 2111 76 (325)	19 COMPANY			111 Zip: 58240	2-75-397-1411	Project Owner:	14 20/36			MATRIX	COMPBOR (C)OMP CONTRINERS ROUNDWATER VESTEWATER OIL IL			temedy for any claim srieing whether based in contrar	med walved theut timitatio linal, regardie	Received By:	5/10 Received By: Mc	Sample Condition Sample Condition	
N = 01	NIEC O	Diuce	× 40. 124 101	5	5-393-9174 Fax#:	Project	EME J.t. H-		J. batts		Sample I.D.	Source (g 12'		PLEAGE NOTE: Leddilly and Demages. Cardinals liability and clent's evolusive remedy for any	I mose for negligence and any other cause whatsoe dinal be liable for incidental or consequential dameg gout of or related to the performance of sorvices her	Date:	Time:	(Circle One) - Bus - Other:	annot accept verbal changes.
AR	Company Name.	anager	858: 1 2		Phone #: 573	Project #:	Project Name:	Project Location:	mpler Name:	FOR LAB USE ONLY	Lab I.D.	H20120-1		PLEASE NOTE: Uability and	entrysco. As detins metuding source. In no svent shalf Co. stillatos of buccessors arising		Reling fished By:	Delivered By: (Circle One Sampler - UPS - Bus - Othe	† Cardinal c

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:

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 Model: PGM 7300
 Serial No: 590-000183

 Model: PGM 7300
 Serial No: 590-000508

 Model: PGM 7300
 Serial No: 590-000504

Model: PGM 7600 Model: PGM 7600 Model: PGM 7230 Serial No: 110-023920 Serial No: 110-013744 Serial No: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 928547	EXPIRATION DATE: 2/04/2013
FILL DATE:	METER READING ACCURACY: 100.1

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Jct. H-14	Н	14	20	36

SAMPLE ID	PID	SAMPLE ID	PID
Background & 6"	Ø		
Source 9 8	6		
Source & 9'	d		
Source (g 10'	ø		
Source G 11' Source G 12'	ø		
Source G 12'	9		
-			
		SORA	

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

SIGNATUE:

Joe Gatte

6115/10 DATE:

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

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EME Jct. H-14 Unit 'H', Sec. 14, T20S, R36E

Backhoe samples at the junction (source)

[ĊŀĴ ppm	52	54	59	55	58
Depth bgs (ft)	8	6	10'	11'	12'

Groundwater = 20 ft

