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REPORTS

DATE:



EME Jct H-7 2009

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Environmental Bureau Oil Conservation Division

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

					BOX LOCA	TION					
	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX D	IMENSIONS - FE	ET	
	Eunice Monument	Jct. H-7	н	7	20S	37E	Lea	Length	Width	Depth	
	Eumont (EME) 301.117 77 77 77 200 372 Lea moved 50 ft west										
	Life Estates (James Dellis Barber, etux) Dell LAND TYPE: BLM FEE LANDOWNER Barber et al. C/O Jimmie Cooper OTHER										
	Depth to Groundwater 30 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40*										
	Date Started 9/2/2009 Date Completed 10/9/2009 OCD Witness no										
	Soil Excavated 100.0 cubic yards Excavation Length 15 Width 15 Depth 12 fe									feet	
	Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a										
FIN	FINAL ANALYTICAL RESULTS: Sample Date <u>9/25/2009</u> Sample Depth <u>12 ft</u>										
	ocure 5-point con idewalls. TPH ar approved lab ar	nd Chloride	laboratory	test results	completed I	by using an	of	CHLOF	RIDE FIELD TES	STS	
	Sample Location	PID (fie ppm		RO J/kg	DRO mg/kg	Chloride mg/kg		OCATION	DEPTH	mg/kg	

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.4	<10.0	31.7	96
BOTTOM COMP.	7.0	<10.0	96.5	64
BLENDED BACKFILL	0.8	<10.0	95.1	128

General Description of Remedial Action: This junction was addressed during the

pipeline replacement/upgrade program. After the former junction box was removed, an
nvestigation was conducted using a backhoe to collect soil samples at regular intervals
producing a 15x15x12-ft-deep excavation. Chloride field tests performed on each samp
vielded low concentrations. Organic vapors were measured using a PID, which also
vielded low concentrations. The excavated soil was blended on site and a representative
composite sample was collected from the blended backfill, the excavation walls, and the

yielded low concentrations. The excavated soil was blended on site and a representative (source) 12' 149 composite sample was collected from the blended backfill, the excavation walls, and the excavation bottom. Laboratory analysis of the composite samples confirmed low concentrations of chloride and TPH. The blended backfill was returned to the excavation to ground surface and contoured to the surrounding area. On 10/9/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. A new, watertight junction box was built 50 ft west of

the former.

*An inactive windmill is located 595 ft southwest.

enclosures: photos, labs results, PID (field) screenings, chloride curve

4-wall comp.

bottom comp.

blended backfill

background

vertical

delineation

trench at the 10 ft west of

the junction

n/a

12'

n/a

6"

2'

4'

6'

8'

10'

210

180

242

211

143

176

145

361

265

HER	EBY CERTIFY THAT		IATION ABOVE IS TRUE AND COM	PLETE TO TH	HE BEST OF MY
		KI	HOWDEDGE AND BELIEF.		
SITE SUPERVISOR	Jordan Woodfin		Jordan Woodfor	COMPANY	RICE OPERATING COMPANY
REPORT ASSEMBLED BY	Katie Jones		(<u>k</u> _)		
PROJECT LEADER	Larry Bruce Baker Jr.	_SIGNATURE_	Larry Bruce Baker A.	DATE_	1-27-10
			\mathcal{O}		

EME Jct. H-7



new, watertight junction box

10/9/2009

seeding the backfilled site

6/19/2009



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: 09/25/09 Reporting Date: 10/01/09** Project Number: NOT GIVEN Project Name: EME JCT H-7 Project Location: EME JCT H-7

Sampling Date: 09/25/09 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB/HM

GRO DRO

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

LAB NUMBER SAMPLE ID

ANALYSIS D	DATE	09/29/09	09/29/09	10/01/09
H18346-1	BLENDED BACKFILL	<10.0	95.1	128
H18346-2	5PT. BTM COMP	<10.0	96.5	64
H18346-3	4 WALL COMP	<10.0	31.7	96
Quality Cont	rol	509	505	490
True Value C	20	500	500	500
% Recovery		102	101	2.0
Relative Per	cent Difference	0.6	1.6	<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. Reported on wet weight. **Revised Report

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H18346 TCL RICE

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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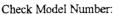
B	ARDINAL LARORATORIES	v		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
	101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476	40 211 76 (32)	1 Beechwood, Abilene, TX 79603 5) 673-7001 FAX (325)673-7020		
Company Name:	i	1.	BILL TO	ANALYSIS REGULEST	٢
Project Manage	Project Manager: Jordan WoopPut		P.O. #:		Т
Address: /2	122 W. TAYLOR		Company:		
City: Horses	stateM	Zip. 8 8240	Attn:		
Phone #: 373 -	3 - で ィフイ Fax#:		Address:		
Project #:	Project Owner:	er:	City:		
Project Name:	EME JCT H-7		State: Zin:		
Project Location:	" ENE JOT H-1		:#:		
Sampler Name:	NI TOOD WODE IN		Fax #:		
הטא ראם טאני מארץ		MATRIX	PRESERV SAMPLING		
		SS RER		>3,	
Lab I.D.	Sample I.D.) 90 в. Тамати Гамаиц ЭТамэ ЭТамэ	300L BASE:	- T.	
		ола 1078 1008			
H 18346-1	Bleno	x	X		T
7-	56+13	x - U	" X		
\mathcal{E}_{i}	4 WALL COMP		<i>x "</i>		
DI CACE MATE, 11 19.					
atrade Note: Clubing an analyses. At damis moluuli service. In no event shad C affiliates or successors arisi	reservers constructions and advances contracts excluser transformation arising vitability for any data present or but shall be finited to the around public data for the analyses. And advances transformed accords to a supervision of the analyses and advances transformed to an advances transformed to an advances transformed to an advances transformed to an advances and advances transformed to an advances transformed to advance transformed to advances transformed to advance transformed to advances transformed to advances transformed to advances transformed to advance to advance transformed to advance transformed to advance transformed to advance transformed to advance	r dıy claim arising videther based in contract e deemed waived untess made in w ning and ng vidnout limiladon, business interuptions (in the first based in contract or furth, shall be finitied of the anomorphic by first client for the rules are unless more in whing and received by Cardinal within 30 days after completion of the spatialise on, business interruptions, loss of uses, of loss of portike incorrectly plant, its stabilidates	uid by the client for the ar completion on the upplicable client, its subsidiarias	1
Relinquished By	1: / Bate -> -> -> -> -> -> -> -> -> -> -> -> ->	Received	or interest such claim is based upon any or the above stated reasons or otherwase	Phone Result: 7 Yes 1 No Add'I Phone #:	Γ
DECHN	MODOR	+ I hot -	L A	Fax Result: U Yes U No Add'I Fax #: REMARKS:	
Relinquished By:	v: Date:	Received By:	r v v v	EMAIL RESULTS to:	
	Time:	1 2		JUDBDFING RCESUDION	
Defivered By	Defivered Byj (Circle One)	Sample Condition Cool / Intact	on CHECKED BY: (laitialsh o	\mathbb{O}	
Sampler - UPŚ	- Bus - Other:	0 -	Z	a terrera :	
Cardinal	Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	se fax written changes to	505-393-2476		1

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RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM



x

 Model: PGM 7300
 Serial No: 590-000183

 Model: PGM 7300
 Serial No: 590-000508

 Model: PGM 7300
 Serial No: 590-000504

el Number:

Model: PGM 7600 Model: PGM 7600 Model: PGM 7600 Serial No: 110-023920 Serial No: 110-013744 Serial No: 110-013676

24

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Jct H-7	Н	7	20S	37E

, SAMPLE ID	PID	SAMPLE ID	PID
NOICTH WALL	0.1	4 WALL COMP.	0.4
South MALL	0.4		
EAST IN/ALL	0.8	5,2+ Bottom Comp	7.0
WEST WALL	D		
		BLENDED BACKGL	0.8

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

SIGNATUÉ:

findan Woorlf

DATE: 9.75.09

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME JCt. H-7 Unit 'H', Sec. 7, T20S, R37E

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

[Gi] ppm	143	176	145	361	265	149
Depth bgs (ft)	2	4	9	8	10	12

Groundwater = 30 ft

