1R - 427-270

REPORTS

DATE

EME Jct I-8

1R427-270

RECEIVED

MAR 2.5 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

Land Type: BLM	SWD SYSTEM JU	INCTION	UNIT		TOWNSHIP	RANGE	COUNTY	BOX D	IMENSIONS - FI	EET
Depth to Groundwater 184 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0 Date Started 11/3/2008 Date Completed 11/3/2008 OCD Witness no Soil Excavated 6 cubic yards Excavation Length 5 Width 3 Depth 10 feet Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a FINAL ANALYTICAL RESULTS: Sample Date 11/3/2008 Sample Depth 10 ft TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. CHLORIDE FIELD TESTS TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. CHLORIDE FIELD TESTS CHLORIDE FIELD TESTS General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an junction grounding a 5xx/10-ft-deep excavation. Chloride field tests performed on each sample updated with a PID also yielded low concentrations. The deepest sample. Organic vapors measured with a PID also yielded low concentrations. The deepest sample. 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The deepest sample. 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The deepest sample. 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The deepest sample. 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The deepest sample. 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The deepest sample. 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The deepest sample. 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The deepest sample. 10 ft B		Jct. I-8	1	8	21S	36E	Lea	Length	<u> </u>	Depth
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Sample Location procedures pursuant to NMOCD guidelines. Sample Location PiD (field) GRO DRO mg/kg mg/kg mg/kg mg/kg background 6" 145	FINAL ANALYTICAL RESULTS: Sample Date 11/3/2008 Sample Depth 10 ft									
SOURCE 10' GRAB 2.0 <10.0 <10.0 <16.0 background 6" 145 General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x10-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background sample. Organic vapors measured with a PID also yielded low concentrations. The deepest sample, 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 11/7/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. SITE SUPERVISOR Jordan Woodfin SIGNATURE and company RICE OPERATING COMPANY RICE OPERATING COMPANY RICE OPERATING COMPANY ASSEMBLED BY Katie Jones INITIAL SIGNATURE COMPANY RICE OPERATING COMPANY ASSEMBLED BY Katie Jones INITIAL										
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PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker M. DATE 1-15-09		ASSEMBLED BY Katie Jones INITIAL								
	PROJECT LEADER Larr	y Bruce Baker	Jr. SIGI	NATURE _ 🔏	larry Bo	uce Ba	her pr	DATE	1-15-	- 09



excavating at former junction site, facing east



collecting a soil sample, facing east



11/3/2008

backfilling excavation, facing west

seeding backfilled site, facing south

11/7/2008



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JORDAN WOODFIN

122 W. TAYLOR HOBBS, NM 88240



Receiving Date: 11/03/08 Reporting Date: 11/06/08 Project Number: NOT GIVEN

Project Name: EME JCT I-8
Project Location: EME JCT I-8

Sampling Date: 11/03/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML Analyzed By: AB/HM

ANALYSIS DATE	11/05/08	11/05/08	11/04/08
H16260-1 SOURCE BTM GRAB @ 10 FT	<10.0	<10.0	< 16
Quality Control	590	505	490
True Value QC	500	500	500
% Recovery	118	101	98.0
Relative Percent Difference	8.8	3.1	2.0

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

Chemist

Date

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (001 FAX (325)673-7020	
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Cice (Decation)		01778		7	ANALYSIS REQUEST	Γ
Project Manager:		P.O. #:				Т
Address: 122 00 Taylor		Company:		((
City: +\ o BB5 State: NeW	Zip: 93240	Attn:		<u>)</u>)		
Phone #: 575) 393 - 9174 Fax #:		Address:			7,	
Project #: Project Owner:		City:				
Project Name: EME 527 I - 8		State: Zip:				
Project Location: EME JCT I-8		Phone #:	1			
Sampler Name: Jocclari (Vooch FIM		Fax #:				
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	7			
Lab I.D. Sample I.D.	G)RAB OR (C)OMP CONTAINERS COUNDWATER ASTEWATER INC LUBGE	этнев : 010/8АSE: 5 / СООL 7 / НЕВ :	28 Hd]			
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PLEASE NOTE: Lipbility and Damages. Cardinal's liebility and client's evolusive temech for any chain arising whether based in contract of lord, shall be limited to the amount paid by the client for the analyses. Ad chain including these for including where are made in writing and received by Cardinal within 30 days after completion of the applicable service. In one exercise for for cardinal winting and received by Cardinal within 30 days after completion of the applicable service. In one exercise for for cardinal consequented demages, including without thin profess. Interpreted to the activity of profit incurrence of services have the consequented demages, including without thin the consequented to the above shall be applicable.	eny claim arising whether based in confract deemed waived unless made in writing and sy without limitation, business interruptions. Cordinal, regardless of whether such claim is	or fort, shall be limited to the amount paid by received by Cardinal within 30 days after to 555 of two first of the above shall be above shall refer the above shall refer the above shall refer the above shall refer the	y the client for the ampleable on the applicable on the applicable of the applicable shirt of otherwise.	And and a second	contrast characteristics despitations of the contrast characteristics of the contrast characte	7
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Action (Voccitin lime: 4. 名 Relinquished By: Date:	Received By:	Last	M	Bas	Rosu 115 to ;	T
Time:			BBalzer	12e/@ 1	Drice swaripm	
Delivered By: (Circle One)	Sample Condition Cool Intact	on CHECKED BY:	5 Uts	32.5	There is a rice swall on	
	SO ON ON ON	- state	,)			

† 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

CK. MODEL NO.

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 / AIR: BALANCE

LOT NO: 04-3475	EXPIRATION DATE: 8-29-09
	METER READING ACCURACY: 107

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	I-8	I	3	215	BOE

SAMPLE ID	PID	SAMPLE ID	PID
		Background	3.9
Source U'	13.2		
7'	4.2		
8'	Le. 9		
9'	4.8		
10	2.0		

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

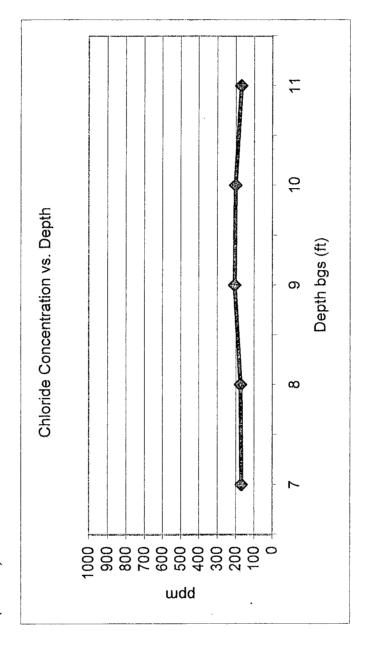
SJGNATUE: Jundan Woodf

DATE: 11-3-08

Unit 'I', Sec. 8, T21S, R36E

Backhoe samples at the junction (source)

[Ci] ppm 169	175	206	202	170
Septh bgs (ft) 7	80	o	10	11



Groundwater = 184 ft