1R - 427 - 176

REPORTS

DATE:

5-27-05

INE JOHB-1-2 180427-176

DISCLOSURE

REPORT

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

BOX LOCATION BOX DIMENSIONS - FEET COUNTY SWD SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE Length Width B-1-2 В 205 36E Lea EME Charicie Byrd **OTHER** LAND TYPE: BLM STATE FEE LANDOWNER NMOCD SITE ASSESSMENT RANKING SCORE: _ Depth to Groundwater **Date Completed** 6/25/2004 OCD Witness Date Started 30 30 Width Deoth 400 Excavation Length Soil Excavated cubic yards Offsite Facility n/a Location n/a Soil Disposed cubic yards 6/24/2004 FINAL ANALYTICAL RESULTS: 12 ft Sample Dates 7/15/2004 Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of **CHLORIDE FIELD TESTS** excavation sidewalls. TPH and chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. LOCATION DEPTH (ft) ppm PID **GRO** DRO <u>Chloride</u> Sample 8 359 mg/kg mg/kg ma/ka Location mag 9 569 15 ft NORTH <10.0 896 0.0 <10.0 10 689 4-WALL COMP of junction <10.0 <10.0 368 0.0 599 **BOTTOM COMP.** 11 XXX <10.0 <10.0 223 REMED. BACKFILL 12 809 8 659 9 419 15 ft SOUTH 10 659 General Description of Remedial Action: This junction box was located just of junction 11 719 south of the fence of an active production facility. The pipeline was replaced and the site was delineated using a backhoe while PID screenings and chloride field tests were conducted at 12 749 12 689 regular intervals on grab soil samples. PID readings were low throughout the 30 x 30 x 12 ft deep 4-wall comp. excavation and composite lab samples confirmed non-detect (<10.0 ppm) TPH concentrations bottom comp. 12 209 remed. backfill n/a 389 that meet NMOCD guidelines. Chloride concentrations did not exhibit significant declines at this site. The excavated soil was blended on site and then backfilled into the excavation and contoured to the surrounding surface. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate. A new watertight junction box has been built over this junction. An identification plate has been placed next to the box to identify the junction site for future environmental considerations. NMOCD has been notified of potential groundwater impact at this site. ADDITIONAL EVALUATION IS HIGH PRIORITY enclosures: chloride graph, photos, lab results, PID field screenings I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. SITE SUPERVISOR Rob Elam SIGNATURE not available COMPANY Curt's Environmental-Odessa, TX REPORT ASSEMBLED BY SIGNATURE Kristin Farris Pope DATE 5/27/2005 TITLE **Project Scientist**

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

EME jct. B-1-2

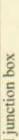
unit 'B', sec. 1, T20S, R36E

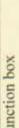


undisturbed junction box











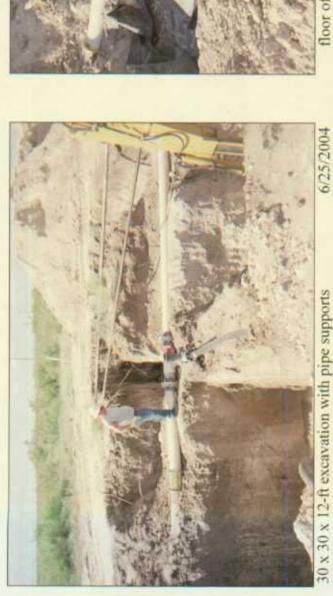


junction box removed

5/4/2004

new plumbing at junction

6/25/2004



30 x 30 x 12-ft excavation with pipe supports





disclosure plate at junction box

seeding disturbed surface; new junction box in foreground 10/15/2004

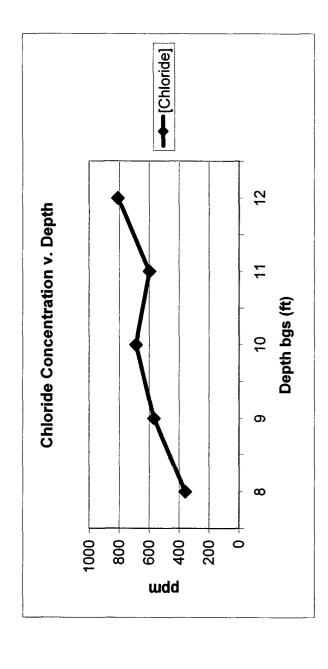
10/19/2004

EME jct. B-1-2 unit 'B', Sec. 1, T20S, R36E

Vertical Delineation at Source

[CI] ppm	359	695	689	665	608
Depth bgs (ft)	8	6	10	11	12

Groundwater = 40 ft





PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HÖBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROB ELAM 122 W.TAYLOR HOBBS, NM 88240

FAX TO: (505) 397-1471

Receiving Date: 06/24/04 Reporting Date: 06/25/04 Project Number: B1-2 Project Name: EME B1-2 Project-Location: NOT GIVEN Sampling Date: 06/24/04 RICE OPEHATING
Sample Type: SQIL HOBBS, NM

Sample Condition: COOL & INTACT Sample Received By: GP Analyzed By: BC/HM

	GRO	DRO	
	(C_6-C_{10})	(>C ₁₀ -C ₂₈)	CI*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS	DATE	06/24/04	06/24/04	06/25/04
H8853-1	12' BOTTOM COMPOSITE	<10.0	<10.0	368
H8853-2	WALL COMPOSITE	<10.0	<10.0	896
Quality Cor	itrol	770	816	1000
True Value	QC	800	800	1000
% Recovery	/	96.2	102	100
Relative Pe	rcent Difference	0.9	3.4	2.0

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

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.

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2111 Beechwood, Abliene, TX 79503	(915) 673-7001 Fax (915) 673-7020 (605) 393-2326 Fax (605) 393-2476

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† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.





Analytical Report

Prepared for:

Roy Rascon
Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240

Project: Jct. B-1-2

Project Number: None Given

Location: EME

Lab Order Number: 4G16018

Report Date: 07/22/04

Project: Jct. B-1-2

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 07/22/04 10:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1-2 Backfill	4G16018-01	Soil	07/15/04 14:15	07/16/04 16:20

Project: Jct. B-1-2

Project Number: None Given Project Manager: Roy Rascon Fax: (505) 397-1471 Reported: 07/22/04 10:58

Organics by GC **Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-1-2 Backfill (4G16018-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG41910	07/20/04	07/20/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	"	11	ıı	"	и	
Total Hydrocarbon C6-C35	ND	10.0	**	**	0	u	19	"	
Surrogate: 1-Chlorooctane		87.2 %	70-1	30	"	"	"	n	
Surrogate: 1-Chlorooctadecane		79.0 %	70-1	30	"	"	"	"	

Project: Jct. B-1-2

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 07/22/04 10:58

General Chemistry Parameters by EPA / Standard Methods Environmental Lab of Texas

Analyte B-1-2 Backfill (4G16018-01) Soil	Result	Reporting Limit Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride % Solids	223 98.0	20.0 mg/kg Wet	2	EG42015 EG42001	07/19/04 07/19/04	07/20/04 07/19/04	SW 846 9253 % calculation	

Project: Jct. B-1-2

Project Number: None Given Project Manager: Roy Rascon Fax: (505) 397-1471

Reported: 07/22/04 10:58

Organics by GC - Quality Control **Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG41910 - Solvent Extraction	(GC)									
Blank (EG41910-BLK1)				Prepared	& Analyze	ed: 07/20/	04			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	11							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	45,7		mg/kg	50.0		91.4	70-130		ч	
Surrogate: 1-Chlorooctadecane	41.1	* ~	"	50.0		82.2	70-130			
Blank (EG41910-BLK2)				Prepared:	07/20/04	Analyzed	l: 07/21/04			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet						· · · · · · · · · · · · · · · · · · ·	
Diesel Range Organics >C12-C35	ND	10.0	n							
Total Hydrocarbon C6-C35	ND	10.0	11							
Surrogate: 1-Chlorooctane	43.0		mg/kg	50.0		86.0	70-130			
Surrogate: 1-Chlorooctadecane	36.4		"	50.0		72.8	70-130			
LCS (EG41910-BS1)				Prepared	& Analyzo	ed: 07/20/	04			
Gasoline Range Organics C6-C12	451	10.0	mg/kg wet	500		90.2	75-125			
Diesel Range Organics >C12-C35	486	10.0	n	500		97.2	75-125			
Total Hydrocarbon C6-C35	937	10.0	. 11	1000		93.7	75-125			
Surrogate: 1-Chlorooctane	49.5		mg/kg	50.0		99.0	70-130		-	
Surrogate: 1-Chlorooctadecane	37.7		"	50.0		75.4	70-130			
LCS (EG41910-BS2)				Prepared:	07/20/04	Analyzed	l: 07/21/04			
Gasoline Range Organics C6-C12	454	10.0	mg/kg wet	500		90.8	75-125			
Diesel Range Organics >C12-C35	482	10.0	И	500		96.4	75-125			
Total Hydrocarbon C6-C35	936	10.0	Ħ	1000		93.6	75-125			
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.8	70-130			
Surrogate: 1-Chlorooctadecane	37.9		"	50.0		75.8	70-130			
Calibration Check (EG41910-CCV1)				Prepared	& Analyz	ed: 07/20/	04			
Gasoline Range Organics C6-C12	424		mg/kg	500		84.8	80-120			
Diesel Range Organics >C12-C35	438		11	500		87.6	80-120			
Total Hydrocarbon C6-C35	862		11	1000		86.2	80-120			
Surrogate: 1-Chlorooctane	55.8			50.0		112	70-130			
Surrogate: 1-Chlorooctadecane	38.2		"	50.0		76.4	70-130			

Project: Jct. B-1-2 t Number: None Given

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 07/22/04 10:58

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting	** .	Spike	Source	N/DEC	%REC	nnn	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EG41910 - Solvent Extraction	(GC)									
Calibration Check (EG41910-CCV2)				Prepared:	07/20/04	Analyzed	1: 07/21/04			
Gasoline Range Organics C6-C12	412		mg/kg	500		82.4	80-120			
Diesel Range Organics >C12-C35	454		#1	500		90.8	80-120			
Total Hydrocarbon C6-C35	866		**	1000		86.6	80-120			
Surrogate: 1-Chlorooctane	55.2			50.0		110	70-130			,_
Surrogate: 1-Chlorooctadecane	40.3		"	50.0		80.6	70-130			
Matrix Spike (EG41910-MS1)	So	urce: 4G160	16-23	Prepared	& Analyz	ed: 07/20/	04			
Gasoline Range Organics C6-C12	448	10.0	mg/kg dry	521	ND	86.0	75-125			
Diesel Range Organics >C12-C35	469	10.0	n	521	ND	90.0	75-125			
Total Hydrocarbon C6-C35	917	10.0	Ħ	1040	ND	88.2	75-125			
Surrogate: 1-Chlorooctane	56.0	· · · · · · · · · · · · · · · · · · ·	mg/kg	50.0		112	70-130			
Surrogate: 1-Chlorooctadecane	36.9		"	50.0		73.8	70-130			
Matrix Spike (EG41910-MS2)	So	urce: 4G160	21-05	Prepared:	07/20/04	Analyzed	1: 07/21/04			
Gasoline Range Organics C6-C12	433	10.0	mg/kg dry	515	ND	84.1	75-125			
Diesel Range Organics >C12-C35	513	10.0	11	515	8.10	98.0	75-125			
Total Hydrocarbon C6-C35	946	10.0	n	1030	ND	91.8	75-125			
Surrogate: 1-Chlorooctane	53.7		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	41.2		"	50.0		82.4	70-130			
Matrix Spike Dup (EG41910-MSD1)	So	urce: 4G160	16-23	Prepared	: 07/20/04	Analyzed	i: 07/22/04			
Gasoline Range Organics C6-C12	456	10.0	mg/kg dry	521	ND	87.5	75-125	1.77	20	
Diesel Range Organics >C12-C35	487	10.0	11	521	ND	93.5	75-125	3.77	20	
Total Hydrocarbon C6-C35	943	10.0	"	1040	ND	90.7	75-125	2.80	20	
Surrogate: 1-Chlorooctane	51.6		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	41.9		"	50.0		83.8	70-130			
Matrix Spike Dup (EG41910-MSD2)	So	ource: 4G160	21-05	Prepared	: 07/20/04	Analyzed	i: 07/21/04			
Gasoline Range Organics C6-C12	446	10.0	mg/kg dry	515	ND	86.6	75-125	2.96	20	
Diesel Range Organics >C12-C35	471	10.0	fI	515	8.10	89.9	75-125	8.54	20	
Total Hydrocarbon C6-C35	917	10.0	п	1030	ND	89.0	75-125	3.11	20	
Surrogate: 1-Chlorooctane	54.6		mg/kg	50.0		109	70-130			
Surrogate: 1-Chlorooctadecane	37.4		"	50.0		74.8	70-130			

Rice Operating Co. 122 W. Taylor

Hobbs NM, 88240

Project: Jct. B-1-2

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 07/22/04 10:58

General Chemistry Parameters by EPA / Standard Methods - Quality Control Environmental Lab of Texas

		Reporting	Spike	Source		%REC		RPD	
Analyte	Result	Limit Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EG42001 - General Preparation	(Prep)								
Blank (EG42001-BLK1)			Prepared	& Analyz	ed: 07/19/	04			
% Solids	100	%				·			
Duplicate (EG42001-DUP1)	Sou	rce: 4G16015-03	Prepared	& Analyz	ed: 07/19/	04			
% Solids	89.0	%		89.0			0.00	20	******
Blank (EG42015-BLK1)		······································	Prepared	. 07/19/04	Δ nalvzec	l: 07/20/04			
Chloride	ND	20.0 mg/kg W		. 07/15/04	Milaryzec	1. 07/20/04			
Matrix Spike (EG42015-MS1)	Sou	rce: 4G16016-22	Prepared	: 07/19/04	Analyzed	i: 07/20/04			
Chloride	532	20.0 mg/kg W	et 500	21.3	102	80-120			*****
Matrix Spike Dup (EG42015-MSD1)	Sou	rce: 4G16016-22	Prepared	: 07/19/04	Analyzed	i: 07/20/04			
Chloride	521	20.0 mg/kg W	et 500	21.3	99.9	80-120	2.09	20	
Reference (EG42015-SRM1)			Prepared	: 07/19/04	Analyzed	i: 07/20/04			
Chloride	5000	mg/kg	5000		100	80-120			

Project: Jct. B-1-2 Project Number: None Given Fax: (505) 397-1471 Reported: 07/22/04 10:58

Notes and Definitions

Project Manager: Roy Rascon

Analyte DETECTED DET

Analyte NOT DETECTED at or above the reporting limit ND

NR Not Reported

Sample results reported on a dry weight basis dry

Relative Percent Difference **RPD**

Laboratory Control Spike LCS

Matrix Spike MS

Duplicate Dup

Report Approved By:

Raland K. Tuttle, QA Officer

Celey D. Keene, Lab Director, Org. Tech Director

Jeanne Mc Murrey, Inorg. Tech Director

James L. Hawkins, Chemist/Geologist

Sara Molina, Chemist

Sandra Biezugbe, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

Phone: 915-563-1800 Fax: 915-563-1713

Ray Rascon Project Manager:

Project #:	Project Loc:	PO#: 785		Analyze For		TOTAL:		TDH 448 F EC 1848 F EC 1848 F EC 1848 F E E E E E E E E E E E E E E E E E E	1						Sample Containers in Temperature Upon Re Laboratory Commer	Time //r せいひ	~	Time (2.20)
	P		디				Matrix	Ofher (specify): Soil Water Other (Specify)	`								1/10/14	Date 7-16-04 1/4
			Fax No: (508) 397-147				Preservative	No. of Containers Ice HUO, HCI NaOH H_5CO, None	7									2
			Fax No:				,	pelqms∂ əmiT	2:15								der	by El OT KA
٥٦	7	8240						Date Sampled	1-15-04					-6		Received by:	2	Respond
Company Name RICE Operating	123 W. Taylar	Hobbs, NM 88240	93-9174	arr				FIELD CODE	Backfill			The state of the s				Date Time	7-15-04 4:55	Date Time 7/16/6-4 16:20
, Name BICE	ddress: 182	City/State/Zip: HObb:	Telephone No: (505) 393-9174	nature: KMCL				13 E	B-1-2								1	\
Company	Company Address: _	City/Sta	Telepho	Sampler Signature:				AGINO 189. LAB# (lab asse only)	10.						Special Instructions:	Relinquished by:	A Cla	Relinquished by:

Environmental Lab of Texas Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.					
Date/Time: 07-16-09 @ 1515					
Order #: 4616017					
Initials: JMM					
Sample Receipt C	hackl	ict			
Temperature of container/cooler?	Yes	No	4.0	С	
Shipping container/cooler in good condition?	Yes		4.0	 -	
Custody Seals intact on shipping container/cooler?	Yes	No	Not pres	ent	
Custody Seals intact on sample bottles?	Yes	No	Not pres		
Chain of custody present?	(Yes)	No	Citot picos	<u> </u>	
Sample Instructions complete on Chain of Custody?	res	No			
Chain of Custody signed when relinquished and received?	(Yes)	No			
Chain of custody agrees with sample label(s)	Yes	, No			
Container labels legible and intact?	(Yes	, No			
Sample Matrix and properties same as on chain of custody?	Tes	No			
Samples in proper container/bottle?	Tes)	No			
Samples properly preserved?	Hes	No	i		
Sample bottles intact?	res	No			
Preservations documented on Chain of Custody?	(res)	No			
Containers documented on Chain of Custody?	Yes	No			
Sufficient sample amount for indicated test?	/res	No			
All samples received within sufficient hold time?	res	No			
VOC samples have zero headspace?	(Yes)	No	Not Applic	able	
Other observations:					
Variance Docume Contact Person: Date/Time: Regarding:			Contacted	by:	
Corrective Action Taken:					
					
					
<u> </u>					

RICE OPERATING COMPANY

122 WEST TAYLOR

HOBBS, NEW MEXICO 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE

AIR

LOTNO: 03.2475

EXP. DATE: 10-19-05

METER READING

ACCURACY: 100.1

SERIAL NO: 104412 104 550

100 PPM BALANCE

FILL DATE: 4-19.04

ACCURACY: # 290

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSEIP	RANGE
EME	B1-2	B.	1	205	36 5

			**	on an argenmentame. Control o
SAMP	LE	PID RESULT	SAMPLE	PID RESULT
West	8.	0	West Wall Comp	PID RESULT O
•	9'	0	Fast "	0
	10'		South " "	D
	<u></u>	D	North "	0
	12'	O	Boston -"	D
Source	13'	0	Wall "	0
	14'	0		
	15'	0	may , managating or this arrange of	
		,		
The state of the s	ľ			
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	<u> </u>			

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

Af Elan Signature

6.24.04