1R-427-366

REPORTS

DATE: 4-17-12

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EME Jct. G-14 2011

DISCLOSURE

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

BOX LOCATION

SWD SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE COUNTY BOX DINENSIONS - FEET Leaving Words Depth						DOM	LOCATION								
Land TyPE: BLM		SWD SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE COUNTY BOX DIMENSIONS - FEET													
LAND TYPE: BLM. STATE FEE LANDOWNER Jimmie T. Cooper OTHER Depth to Groundwater 20 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40° Date Started 577/2011 Date Completed 8/1/2011 OCD Witness No Soil Excavated 400.0 cubic yerds Excavation Length 30 Width 30 Depth 12 feet Soil Disposed 912 cubic yerds Offsite Facility C & C Landfarm Location Monument, NM FINAL ANALYTICAL RESULTS: Sample Date 5/21/2011, 7/20/2011 Sample Depth 12° Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample PID (field) Benzene Tokene bryo Browne 1 one Xyeros GRO DRO Chloride Location pom mg/kg		Eunice Monument	I-1 C 11		4.4	200	205		Length	n Width	De	epth			
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enclosures: photos, lab results, PID (field) screenings, cross-section, chloride curve, revegetation form I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. SITE SUPERVISOR Oscar Frayre SIGNATURE REPORT ASSEMBLED BY Laura Peña SIGNATURE COMPANY RICE OPERATING COMPANY	Stoc	k tank located 90	υπ soutneas	SI .											
HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. SITE SUPERVISOR Oscar Frayre SIGNATURE REPORT ASSEMBLED BY Laura Peña SIGNATURE SIGNATURE COMPANY RICE OPERATING COMPANY															
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			Laura Poi	ña C	ICNATI LDE	1/1/1		Ino) COMB	ANV DICE	ODED ATIMI	COMPANY			
PROJECT LEADER Zach Conder SIGNATURE DATE 4-17-12	A3	OF MIDEED D1	Laura Pe	ria S	NO NATIONAL	cxiiu	1		CONP.	ANI RICE	OFERATING	3 COIVIPANT			
	PROJ	ECT LEADER	Zach Con	der S	IGNATURE	S. /		_	. n	ATE 4.	19-10				
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in a prioritized list of similar sites for further consideration.

EME Jct. G-14

Unit G, Section 14, T20S, R36E



Excavating the site, facing west



Exporting soil, facing northwest



Collecting sample, facing southeast



Importing soil, facing north

7.25.11

7.6.11



Installing 30 x 30 20-mil reinforced liner at 5-ft. BGS, facing south



Backfilling site with imported soil, facing north

7.26.11



Seeding site, facing west



7.26.11

Site complete, facing southeast

11.3.11



May 25, 2011

Bruce Baker

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: EME JCT. G-14

Enclosed are the results of analyses for samples received by the laboratory on 05/23/11 15:15.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Celey & Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Rice Operating Company Bruce Baker 112 W. Taylor Hobbs NM, 88240

Fax To:

(575) 397-1471

Received:

05/23/2011

Reported:

05/25/2011

Project Name: Project Number: EME JCT. G-14 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

05/21/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: 4 WALL COMPOSITE (H101045-01)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	05/24/2011	ND	2.16	108	2.00	1.14	
Toluene*	0.218	0.200	05/24/2011	ND	2.06	103	2.00	1.29	
Ethylbenzene*	<0.200	0.200	05/24/2011	ND	2.11	106	2.00	0.484	
Total Xylenes*	1.45	0.600	05/24/2011	ND	6.27	105	6.00	1.62	
Surrogate: 4-Bromofluorobenzene (PIL	96.0	% 70-130)					1	
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2011	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	05/24/2011	ND	216	108	200	0.355	
DRO >C10-C28	980	50.0	05/24/2011	ND	188	93.8	200	1.10	
Surrogate: 1-Chlorooctane	114 5	% 70-130)						
Surrogate: I-Chlorooctadecane	101 9	% 70-130)						



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*=Accredited Analyte

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Celey & Keens

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Rice Operating Company Bruce Baker 112 W. Taylor Hobbs NM, 88240

Fax To:

(575) 397-1471

Received: Reported: 05/23/2011

05/25/2011

Project Name: Project Number: EME JCT. G-14 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

05/21/2011

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: 5 PT. BTM COMP (H101045-02)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	05/24/2011	ND	2.16	108	2.00	1.14	
Toluene*	0.488	0.200	05/24/2011	ND	2.06	103	2.00	1.29	
Ethylbenzene*	0.391	0.200	05/24/2011	ND	2.11	106	2.00	0.484	
Total Xylenes*	2.32	0.600	05/24/2011	ND	6.27	105	6.00	1.62	
Surrogate: 4-Bromofluorobenzene (PIL	91.8	% 70-130							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	'kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	118	50.0	05/24/2011	ND	216	108	200	0.355	
DRO >C10-C28	2450	50.0	05/24/2011	ND	188	93.8	200	1.10	
Surrogate: 1-Chlorooctane	125 !	% 70-130					· · · · · · · · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctadecane	112	% 70-130							



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*=Accredited Analyte

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report



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*=Accredited Analyte

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Celeg D. Keene

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: Rice Operating Company						BILL TO						:				-	NAI	YSIS	RE	QUE	ST					
Project Manage	er: Bruce Baker			-				P.0	O. #.	:				Π												
Address: 122								Co	mp	any	:								2						1	
City: Hobbs	State: NM	Zip): <u>8</u> 8	3240)			Att	n:					j					o							
Phone #: 575-	393-9174 Fax #: 575-3	397-1	471					Ad	dre	ss:									Ē							
Project #:	Project Own	er:		_,				City:					۱.,	2		1:	r	//s		Ì					1	
Project Name: EME Jct. G-14						State: Zip:				Chlorides	7	$ \cdot $	۱ (귀	o	40										
Project Locatio	n:							Ph	one	#:				<u>ا</u> دِ	204	BTEX	"	S	äį	TDS		'				
Sampler Name:	Dak							Fa	x #:] 은		. L		ğ	Ö	\vdash]]			
FOR LAB USE ONLY Lab I.D. H101045	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER		ATRI	SLUDGE	OTHER:	ij	ICE / COOL	OTHER:	SAMPL DATE	TIME	Ö	HGL		1	lexas IPH	Complete Cations/Anions							
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analyses. All claims includ	nd Damages, Cantinol's bability and client's exclusive remoty to ing those for negligence and any other cause whatscever shall cardinal be habile for incidental or consequental damages, includ- ing out of ar related to the performance or services hereunder b	re deeme	d waiv	ed units	ec made	in writ	ing aux	rece	wed by	y Card	in al w	dinin 30 days aft	er completion of t	the applic	alyle						**************************************					
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Delivered By: (Circle-One) Sample Condi Cool Intact. Sampler - UPS - Bus Other: □ No □ N					act	(elkitint)				- Zconder@rice-ecs.com; Bbaker@rice-ecs.com; hconder@rice-ecs.com; Lweinheimer@rice-ecs.com																

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

¥26

RICE ENVIRONMENTAL CONSULTING & SAFETY

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

			Rice Operating Company	
			COMPANY	
ACCURA	CY:+/-2	%		
		METER RE	EADING ACCURACY: 100 ppm	
LOT NO :	: 930360		EXPIRATION: 5/24/2013	
		GAS COMPOSITION:	ISOBUTYLENE 100PPM / AIR: BALANCE	
		MODEL: PGM 7600	SERAIL NO: 110-013744	
		MODEL: PGM 7300	SERIAL NO: 590-000183	
NO.		MODEL: PGM 7320	SERIAL NO: 592-903318	
MODEL	·	MODEL: PGM 7300	SERIAL NO: 590-000504	
CK.	х	MODEL: PGM 7300	SERIAL NO: 590-000508	

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	JCT G-14	G	14	20S	36E

SAMPLE ID	PID	SAMPLE ID	PID
Bottom 5 Point Composite	296.8		
4 Wall Composite	104		
			,

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

SIGNATURE:

DATE: 5/21/2011



February 03, 2012

Hack Conder

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: EME JUNCTION G-14

Enclosed are the results of analyses for samples received by the laboratory on 07/20/11 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab-accred-certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg & Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

COPY





Analytical Results For:

Rice Operating Company Hack Conder 112 W. Taylor Hobbs NM, 88240

Fax To:

(575) 397-1471

Received:

07/20/2011

Sampling Date:

07/20/2011

Reported:

02/03/2012

Sampling Type:

Soil

Project Name:

EME JUNCTION G-14

Sampling Condition:

** (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: IMPORTED SOIL (H101514-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/21/2011	ND	448	112	400	3.51	



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*=Accredited Analyte

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

COPY

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*=Accredited Analyte

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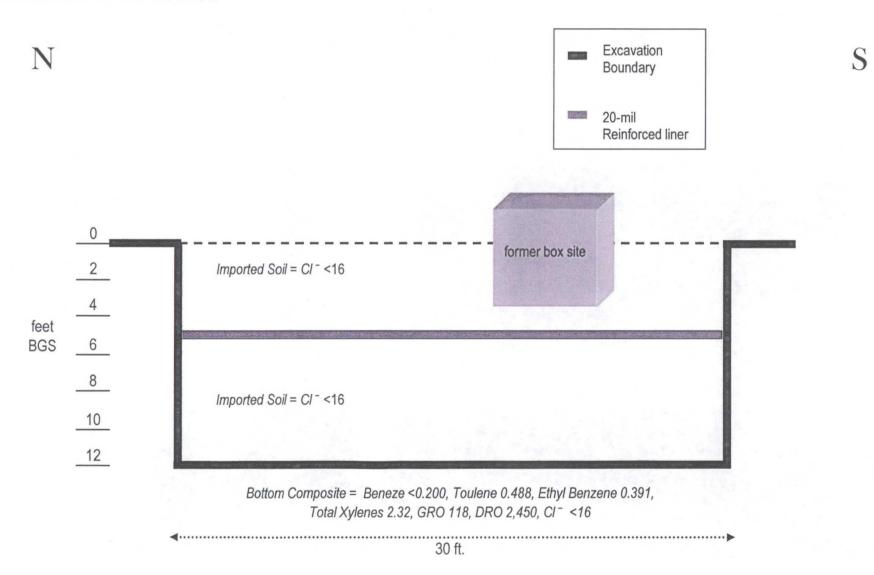


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name: List					BILL TO ANALYSIS REQUEST																						
Project Manage	Hoch Candes								P.O	. #:																	
Address: /-3;	22 W. Taylor								Con	npa	ny:									1		1	1				
City: Hobbs		State: MA	Zip	:88	` 24	ω			Attr	n:									1				}		1		
Phone #:		Fax #:							Add	ires	s:								İ						1	1	
Project #:		Project Owner	:			,			City:													}		1			
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Project Location: EME Sunction 6-14 #234								Pho	ne	#:							ļ		1			1					
Sampler Name:	OSCAR FRAY	re							Fax	#:														{			
FOR LAB USE ONLY			Π.			МА	TRIX		!	PRE	SER	<u>v. </u>	SAMPLI	NG				ĺ	1	1							
Lab I.D.	Sample I.I	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER		SLUDGE	HER:	ACID/BASE:	ICE / COOL	INER .				96,											
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analyses. All claims includi service. In no event shall C affiliates or successors arisi	nd Damages. Cerdinals liability and oller ng thigso for negligence and any other ca ardinal be liable for incidental or corsequ incourt of or related to the performance of	use whatsoever shall be usntal damages, including if services hereunder by C	deemə ; wilho:	d walvo stimita	d unies tion, bu	s made Giness b	in writi nterrup	ng and tions, ic	receivi iss of t	ed by (Cardin loss o	al will fotofi	nin 30 days afte its incurred by t	r comp Hent, il	pletion of th its subsidia or otherwis	na applicat vios, sa,			ا								·
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Sampler - UPS - Bus - Other: Cool Intact Yes Yes No No						4	ilya V	(E)	妆		an c	zed	a	יק צ	u .	LAN	Z,	メース	.11 2								

Excavation Cross-Section



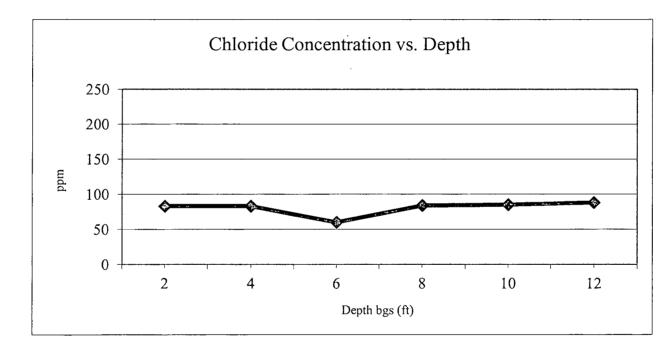
EME Jct. G-14

Unit 'G', Sec. 14, T20S, R36E

Backhoe samples 15' east of source

Depth bgs (ft)	[Cl] ppm
2	83
4	83
6	60
8	84
10	85
12	88

Groundwater = 20 ft





PO Box 5630 Hobbs, NM 88241 Phone: (575) 393-4411 Fax: (575) 393-0293

REVEGETATION FORM

1. General Information EME JCT G-14 Site name: Longitude U/L Section Township Range County Latitude 14 36 **LEA** 32° 34.563' 103° 19.481' G 20 Z. CONDER Contact Name: Email: zconder@rice-ecs.com 37,548 square feet Map detail of site attached Site size: Additional information: 2. Soils *Do not rip caliche subsoils; caliche rocks brought to the surface by ripping shall be removed. Imported 🛛 Blended Salvaged from site Bioremediated Depth (in): Describe soil & subsoil: Sandy with caliche subsoil Texture: Rip 🗌 Depth (in): Rollerpack [Soil prep methods: Depth(in): Disc 🗌 Date completed: 8/1/2011 3. Bioremediation Fertilizer [Hay 🗌 Other [Describe: Type: n/a Lbs/acre: 4. Seeding *Attach seed bag tags to this form. Seed bag tags shall contain the site name and S-T-R. Custom seed mix Prescribed mix Seed mix name: Blue Grama 38lbs Seeding date: 11/3/2011 Broadcast X Method: seed spreader Damp Soil conditions during seeding: Dry 🛛 Wet Photos attached Observations: Number of photos: 5. Certification I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief. **Environmental Specialist** Name: Jagob Kamplain Title: Date: 11/3/2011 Signature:

