

February 26, 2015

LAURA FLORES
RICE ENVIRONMENTAL CONSULTING & SAFETY LLC
419 W. CAIN
HOBBS, NM 88240

RE: ABO 13-10

**RECEIVED** 

By OCD; Dr. Oberding at 9:41 am, Feb 27, 2015

Enclosed are the results of analyses for samples received by the laboratory on 02/25/15 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> 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.

Celey D. 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



# Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY LAURA FLORES

419 W. CAIN HOBBS NM, 88240

Fax To: (575) 397-1471

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 02/26/2015 Sampling Type: Soil

Project Name: ABO 13-10 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

## Sample ID: 5 PT. COMP 1' EXCAVATION (H500546-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/26/2015	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/26/2015	ND	201	101	200	2.35	
DRO >C10-C28	<10.0	10.0	02/26/2015	ND	179	89.3	200	9.82	
Surrogate: 1-Chlorooctane	79.1	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	74.4	% 52.1-17	6						

Cardinal Laboratories \*=Accredited Analyte

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 competent 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, affiliates or successors arising out of or related to the performance of the 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.

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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager:	ar: Laura Flores , Kyle M	( May	P.O. #:		-	-	A	ANALYSIS
Address:			Company:		-			S
City: Hobbs	State: NM	Zip: 88240	Attn:					on
Phone #:	Fax #:		Address:				:	MI
Project #:	Project Owner:	er:	City:	-	M			5/1
Project Name:			State: Zip:	les	5	PH		-
Project Location:	n: ABO 13-10		#	-		EX		)S
Sampler Name:	Kyle Schnarch		Fax #:			-	-	
FOR LAB USE ONLY	- 1	MATRIX	PRESERV. SAMPLING	Ch	-	-		-
Lab I.D.	Sample I.D.	S)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL L .UDGE	THER: CID/BASE: E/COOL THER:		TF			Complet
	5 post composte l'exemption	2	7-25-15	5:40 X	7	+	+	+
						+	+	+
PLEASE NOTE: Liability ar analyses, All claims includir service. In no event shall Careffiliates or successors arising	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any cleim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All cleims including those for negligence and any other cause whatsoever shall be deemed welved unless made in writing and received by Cardinal within 30 days after competition of the applicable service. In no event shall Cardinal be liable for incidental or consequented demages, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services the remarkable or whether are the contractions.	rany claim arising whether based in contract edeemed waived unless made in writing and grawthout limitation, business interruptions, Cardinal reportalises of whether such claims.	or fort, shall be limited to the amount paid by received by Cardinal within 30 days after co loss of use, or loss of profits incurred by cilen	the client for the mpletion of the applicable to the subsidiaries,	-	+	-	-
Relinquished By:		Regeived By:	beased upon any of the above stated reason		Yes	No ON	Add	Add'l Phone #: Add'l Fax #:
Relinquished By:	Schwardt Time: 15	Received By:	Moon					
		C		lweinheimer@r		i@iiceswa.com; iilores@rice-ecs.com; iice-ecs.com; knorman@rice-ecs.com;	com;	rice-ecs.com; knorman@rice-ecs.com;

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Sample Condition
Cool Intact
Tes Tes
No No

Environmental Tech: /6

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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476