

February 19, 2015

KYLE NORMAN
RICE ENVIRONMENTAL CONSULTING & SAFETY LLC
419 W. CAIN
HOBBS, NM 88240

RE: RUBY FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/18/15 14:35.

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 www.tceq.texas.gov/field/ga/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.

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

KYLE NORMAN 419 W. CAIN HOBBS NM, 88240

Fax To: (575) 397-1471

Received: 02/18/2015 Sampling Date: 02/18/2015

Reported: 02/19/2015 Sampling Type: Soil

Project Name: RUBY FEDERAL BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NONE GIVEN

Sample ID: 5 PT COMP 6" SCRAPE BOTTOM (H500474-01)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2015	ND	1.59	79.5	2.00	13.7	
Toluene*	<0.050	0.050	02/19/2015	ND	1.55	77.4	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/19/2015	ND	1.48	74.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	02/19/2015	ND	4.32	72.0	6.00	12.8	
Total BTEX	<0.300	0.300	02/19/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	74.8	% 61-154	!						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/19/2015	ND	416	104	400	3.77	
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	02/18/2015	ND	203	102	200	3.02	
DRO >C10-C28	<10.0	10.0	02/18/2015	ND	193	96.7	200	3.27	
Surrogate: 1-Chlorooctane	94.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.8	% 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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion 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 related 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

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Celey D. Keine



RUSH JII

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

KECS KECS		8/11/70	ANALYSIS DECLIEST
Project Manager: Laura Flores, Wile Manage	Norman	P.O. #:	מומר מוט ארמים ב
Address:		Company:	
City: State:	Zip:	Attn:	
Phone #: Fax #:		Address:	
Project #: Project Owner:	er:	City:	
		State: Zip:	
Project Location: Ruby Federal Battery	2	#	<u> </u>
1		Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: DATE TIME	CI- TPH BTEX
Sport composite 6 Scrape	×	X 2-18-15 11:45	X X X
botten			
analyses. All claim and unimper. Customers adomy and clerits exclusive telended for any claim arising whether based in contract or tot, shall be limited to the amount paid by the client for the earlier. In no event shall Cardinal be liable for incidental craces exhatoever shall be deemed valved unless made in writing and received by Cardinal within 30 days after completions explicable in the event shall Cardinal be liable for incidental or consequental damages, including without limitation, basiness interruptions, loss of use, or loss of profits incurred by client, its subclaim'es,	any claim arising whether based in contract of deemed waived unless made in writing and without limitation, business interruptions, log	or tort, shall be limited to the amount paid by the client for the received by Cardinal within 30 days after completion of the appl so of use, or loss of profits incurred by client, its subsidiaries,	plicable
Relinquished By: Continue the parameter of the parameter is the parameter of the parameter is the parameter of the parameter is the paramet	Received By:	based upon any of the above stated reasons or otherwise. Phone Result: Fax Result:	Yes No
Relinquished By: Date:	Received By:	REMARKS:	
	-		

Sample Condition
Cool Intact
Dives Dives
No No

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Time:

Received By: