



PHONE (575) 393-2328 • 101 E. MARLAND • HOBBES, NM 86240

August 01, 2011

GEORGE CHASE

G & C SERVICE

P. O. BOX 1618

ARTESIA, NM 86211

RE: RUTTER FED #3

Enclosed are the results of analyses for samples received by the laboratory on 07/13/11 13:30.

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 Hydrocarbons

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

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

Method EPA 552.2	Halooacetic 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.

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,

A handwritten signature in black ink, appearing to read "Caley D. Keene".

Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

 G & C SERVICE
 GEORGE CHASE
 P. O. BOX 1618
 ARTESIA NM, 88211
 Fax To: (575) 746-4069

 Received: 07/13/2011
 Reported: 08/01/2011
 Project Name: RUTTER FED #3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/12/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: RUTTER FED #3 (H101445-01)

Barium, 60108		mg/kg dry wt.		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	268	1.00	07/29/2011	ND	197	98.5	200	0.00	GAL	
Chloride, SM4500CL-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	33600	16.0	07/14/2011	ND	432	108	400	0.00		
Sulfate, 375.4		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	359	10.0	07/14/2011	ND	37.5	93.8	40.0	8.18		
TPH #015M		mg/kg		Analyzed By: sb						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	07/16/2011	ND	204	102	200	0.0358		
GRO >C10-C28	21600	100	07/16/2011	ND	181	90.4	200	2.80		
Surrogate: 1-Chlorooctane		112 %	70-130							
Surrogate: 1-Chlorodecane		110 %	70-130							

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Accuracy and Precision. Cardinal's method may require baseline calibration for any claim within, whether stated in contract or not, that is not within the amount paid by, price or otherwise. All claims submitted must be accompanied and are not valid unless they shall be received within three days of testing and received by Cardinal within thirty (30) days after completion of the applicable method. If no claim shall Cardinal be liable for general 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 in contract or any other theory of recovery or otherwise. This report shall not be reproduced, stored in a retrieval system, or used in any way without the written approval of Cardinal Laboratories.



Coley D. Keene, Lab Director/Quality Manager



Notes and Definitions

GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
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 SM4530C1-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

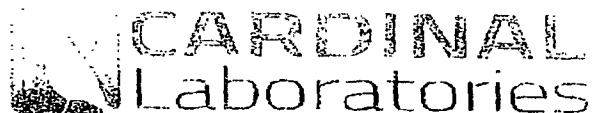
Cardinal Laboratories

*=Accredited Analyte

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Chas. E. Kern

Coley D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Sand C. Service Project Manager: Address: PO Box 1618-98211 City: Phoenix State: AZ Zip: 85021 Phone #: 525 366 8702 Fax #: 525 746 4469 Project #: Project Owner: Project Name: Butler Fed #3 Project Location: Butler Fed #3 Sampler Name: George Chace				BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST														
Lab I.D.	Sample I.D.	IGRAB OR C/COMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING																
				GRO/NDWATER WASTEWATER SOIL OIL SLUDGE OTHER	AC/DIBASE ICE/COOL OTHER	DATE TIME	Chloride	Sulfate	Bromine	TPH												
H103446	Butler Fed #3		1			7/2/11 10:30																

PLEASE NOTE: Liability and Damages: Cardinal's Policy and effects exclude liability for any data resulting from a contract or that is limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause, shall be deemed waived unless made in writing and received by Cardinal within 180 days after completion of the analysis. In no event shall Cardinal be liable for consequential damages, including lost profits, lost income, lost business, or loss of profits, even if such damages are foreseeable. Efforts to mitigate are subject to the performance of actions hereunder by the client. Cardinal's liability shall be limited to the amount paid by the client for the analysis.

Relinquished By: Date: 7/3/11 Time: 1:30 Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Received By: Date: 7/3/11 Time: 1:30 Received By: Sample Condition: Copied Intact ☐ Yes ☐ No ☐ Yes ☐ No	Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No REMARKS: Add'l Phone #: Add'l Fax #:
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476