

February 19, 2016

MIKE STUBBLEFIELD

R T HICKS CONSULTANTS

901 RIO GRANDE BLVD SUITE F-142

ALBUQUERQUE, NM 87104

RE: SOUTHLAND STATE NO. 2

Enclosed are the results of analyses for samples received by the laboratory on 02/05/16 10:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 accredited 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.

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:

R T HICKS CONSULTANTS
MIKE STUBBLEFIELD
901 RIO GRANDE BLVD SUITE F-142
ALBUQUERQUE NM, 87104
Fax To: NONE

Received:	02/05/2016	Sampling Date:	02/04/2016
Reported:	02/19/2016	Sampling Type:	Soil
Project Name:	SOUTHLAND STATE NO. 2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	2310- FEL-330-SEC.7 T19S-R28E		

Sample ID: S - 2 (H600266-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/19/2016	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/09/2016	ND	209	105	200	2.90	
DRO >C10-C28	354	10.0	02/09/2016	ND	203	101	200	2.31	
EXT DRO >C28-C35	84.3	10.0	02/09/2016	ND					
<i>Surrogate: 1-Chlorooctane</i>									
	65.8 %	35-147							
<i>Surrogate: 1-Chlorooctadecane</i>									
	70.1 %	28-171							

Sample ID: S - 5 (H600266-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/19/2016	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/09/2016	ND	209	105	200	2.90	
DRO >C10-C28	660	10.0	02/09/2016	ND	203	101	200	2.31	
EXT DRO >C28-C35	226	10.0	02/09/2016	ND					
<i>Surrogate: 1-Chlorooctane</i>									
	74.2 %	35-147							
<i>Surrogate: 1-Chlorooctadecane</i>									
	102 %	28-171							

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 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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

 Received: 02/05/2016
 Reported: 02/19/2016
 Project Name: SOUTHLAND STATE NO. 2
 Project Number: NONE GIVEN
 Project Location: 2310- FEL-330-SEC.7 T19S-R28E

 Sampling Date: 02/04/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Amanda Ponce

Sample ID: S - 10 (H600266-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/19/2016	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/09/2016	ND	209	105	200	2.90	
DRO >C10-C28	481	10.0	02/09/2016	ND	203	101	200	2.31	
EXT DRO >C28-C35	147	10.0	02/09/2016	ND					
Surrogate: 1-Chlorooctane	76.2 %	35-147							
Surrogate: 1-Chlorooctadecane	81.6 %	28-171							

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 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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

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

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 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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey 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

BILL TO										ANALYSIS REQUEST									
Company Name: <u>R.J. Hicks Consultants</u>					P.O. #:														
Project Manager: <u>Mike Stubbfield</u>					Company: <u>F. Lancy & Co.</u>														
Address: <u>2411 S. 13th Street</u>					Attn: <u>Darrell F. Lancy</u>														
City: <u>Albuquerque</u> State: <u>NM</u> Zip: <u>88210</u>					Address:														
Phone #: <u>575-365-5034</u> Fax #:					City:														
Project #:					State:														
Project Name: <u>Southland State No. 2</u>					Phone #:														
Project Location: <u>2310 FEL + 330 sec. 2 - T195. R28E</u>					Fax #:														
Sample Name: <u>ASB Stubbfield</u>																			
FOR LAB USE ONLY																			
Lab I.D. Sample I.D.																			
H000206																			
1 5-1																			
2 5-2																			
3 5-3																			
4 5-4																			
5 5-5																			
6 5-6																			
7 5-7																			
8 5-8																			
9 5-9																			
10 5-10																			
(G)RAB OR (C)OMP.																			
# CONTAINERS																			
GROUNDWATER																			
WASTEWATER																			
SOIL																			
OIL																			
SLUDGE																			
OTHER :																			
ACID/BASE:																			
ICE / COOL																			
OTHER :																			
DATE										TIME									
2/4/16										2:27P									
2/4/16										2:30P									
2/4/16										2:34P									
2/4/16										2:37P									
2/4/16										2:41P									
2/4/16										2:46P									
2/4/16										2:51P									
2/4/16										3:14P									
2/4/16										3:21P									
2/4/16										3:24P									
TPH 8015M																			
BTEX 8020B																			
Chloride & MRO added																			
2/18/16																			

Relinquished By: <u>Mike Stubbfield</u>		Date: <u>3/5/16</u>		Time: <u>8:00 P.</u>		Received By: <u>Mike Stubbfield</u>		Date: <u>3/5/16</u>		Time: <u>10:10</u>		Sample Condition		Checked By: <u>(Initials)</u>	
Relinquished By:		Date:		Time:		Received By:		Date:		Time:		<input type="checkbox"/> Cool <input type="checkbox"/> Intact		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Delivered By: <u>Mike Stubbfield</u>		Date:		Time:		Received By:		Date:		Time:		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Sampler - UPS - Bus - Other:		Date:		Time:		Received By:		Date:		Time:		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	

REMARKS: