

August 19, 2016

ROBERT GRUBBS, JR

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: SRO SWD 101

Enclosed are the results of analyses for samples received by the laboratory on 08/17/16 10:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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/ga/lab">www.tceq.texas.gov/field/ga/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.

Celego 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:

COG OPERATING ROBERT GRUBBS, JR P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

08/17/2016

Sampling Date:

08/15/2016

Reported:

08/19/2016

Sampling Type:

Soil

Project Name:

SRO SWD 101

Sampling Condition:

\*\* (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Celey D. Keene

Project Location:

EDDY COUNTY, NM

# Sample ID: CS-1 1' (H601840-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/18/2016	ND	432	108	400	3.64	
Sample ID: CS-1 2' (H60	1840-02)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/19/2016	ND	432	108	400	3.64	
Sample ID: CS-1 3' (H60	1840-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/19/2016	ND	432	108	400	3.64	
Sample ID: CS-2 1' (H60	1840-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/19/2016	ND	432	108	400	3.77	

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's Bability and cherit's exclusive remedy for any claim arising, whether based in contract or cort, shall be limited to the amount paid by client for analyses. All claims, including those for negigence and any other chase whitecover shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be labble for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of or profits incurred by client, its audiclaires, 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 Laboratoms.

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# Analytical Results For:

COG OPERATING ROBERT GRUBBS, JR P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

Chloride, SM4500Cl-B

08/17/2016

Sampling Date:

08/15/2016

Reported:

08/19/2016

Sampling Type:

Soil

Project Name:

SRO SWD 101

Sampling Condition:

\*\* (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Celey D. Keene

Project Location:

EDDY COUNTY, NM

mg/kg

# Sample ID: CS-2 2' (H601840-05)

			711101700						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/19/2016	ND	432	108	400	3.77	
Sample ID: CS-2 3' (H60	1840-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/19/2016	ND	432	108	400	3.77	
Sample ID: CS-3 1' (H60	1840-07)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/19/2016	ND	432	108	400	3.77	
Sample ID: CS-3 2' (H60	1840-08)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	08/19/2016	ND	432	108	400	3.77	
Sample ID: CS-3 2' (H60	1840-09)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	08/19/2016	ND	432	108	400	3.77	

Analyzed By: AC

### Cardinal Laboratories

\*=Accredited Analyte

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### **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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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(9/5) JULY 0707-060 (6/6)				
Company Name: Conces		BILL TO	ANALYSIS	S REQUEST
Project Manager: /Confiz Concons Jiz		P.O. #:		
Address: Los W. Izarass		Company:		
1301010	Zip: フぐって	Attn:		
e#: 432 661-660 F		Address:		
**		City:		
ame: 5720 SCO		State: Zip:		
on: EDDY Ca		Phone #:		
7-10- 1-3	-	Fax #:		
FOR LAB USE CIAY	MATRIX	PRESERV SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C) OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER ACID BASE ICE / COOL OTHER DATE	CHLORYDES	
		8-2		
6 CS-2 2'				
	5	۲.	4	
PEASE NOTE: Listing and Danuges. Caronals lastly and decite a charve lime of the project manage whether tased or botted or but shall be a recent paid by the bland for the graphes. All darm ended on the caronal paid force and any other cases without the deprise make a paid received by Card rad with 30 days after completion of the activities when the present and Cardon be taken for modernal as consequential damages, including without humans of the state of the cardon be taken for modernal as consequential damages, including without humans of the state of the cardon of the	d without business of the second business of	contract or for shall be limited to the amount paid by the cleant for the ray and received by Caro hall within 30 days after compension of the as- forms based fuse or book of poths incurred by chert, be called all ex-	enciet pad by the clerk for the 10 days after comprehens of the appropries returns by clerk, as calead ares	
Relinquished By:  Belinquished By:	Reselved By:	Phone Res	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: DEMARKS	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Relinquished By: Date:	Received the Color		V Manager Com	

Sample Condition
Cool Intact
Oyes Yes
No No

CHECKED BY:

Z Mcuezuca courno.com 12 Gausse Coveno. con

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

Time:







