

August 03, 2018

SHELDON HITCHCOCK

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: PATRON 23 FED #4 H

Enclosed are the results of analyses for samples received by the laboratory on 08/02/18 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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.

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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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



## Analytical Results For:

COG OPERATING
SHELDON HITCHCOCK
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 08/02/2018 Reported: 08/03/2018

Project Name: PATRON 23 FED #4 H

Project Number: NONE GIVEN

Project Location: EDDY COUNTY, NM

9330

16.0

Sampling Date: 08/02/2018

Sampling Type: Soil

104

400

3.92

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: T-3 0' (H802109-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

ND

416

08/03/2018

Sample ID: T-3 1' (H802109-02)

Chloride

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1680 16.0 08/03/2018 ND 416 104 400 3.92

Sample ID: T-3 2' (H802109-03)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 240 16.0 08/03/2018 ND 400 3.92 416 104

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

	Concho Docoliropo				2	VIAVELOID INTROPORTOR	•
Company rame.	COLICITO L'ESCALCES						
Project Manager: S	Project Manager: Sheldon Hitchcock		P.O. #:				
Address: 2407 Pecos Avenue	ecos Avenue		Company: COG				
city: Artesia		State: NM zip: 88210	Attn: Robert McNeill	cNeill			
Phone #:575-703-6475	3-6475 Fax #:		Address:				
Project #:		Project Owner: Concho	City:				
Project Name: Patron	atron 23 Fed #4	(21/1/2)	State: Zip:				
Project Location:	Co. N		Phone #:				
Sampler Name: (	6. Hitch cock		Fax #:	5			
$\neg$		MATRIX	PRESERV.	SAMPLING			
Lab I.D.	Sample I.D.	AB OR (C)OMP INTAINERS DUNDWATER STEWATER	ER : D/BASE: / COOL	Chlorid			
H867109	3 00	# CO GRO WAS		TIME			
1-		61	,	11:05			
22	12/	91	/	11:16			
+							

5.35%

Sample Condition
Cool Intact
Yes Yes
No No

Sampler - UPS - Bus - Other: 5.4°

Delivered By: (Circle One)

Date: Time:

Received By:

Rush

any of the above stated reasons or otherwise.

Phone Result:

Fax Result:

REMARKS:

□ Yes

□ No

Add'l Fax #:

Relinquished By

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326