

CERTIFICATE OF ANALYSIS

REPORTED TO Campbell Scientific Canada Corp.
1030 Sugar Lake Rd
Cherryville, BC V0E 2G2

ATTENTION Claude Labine

PO NUMBER

PROJECT Cherryville Water Stewart

PROJECT INFO

WORK ORDER 24F0238

RECEIVED / TEMP 2024-06-03 16:37 / 9.6°C

REPORTED 2024-06-08 16:46

COC NUMBER No Number

Introduction:

CARO Analytical Services is a testing laboratory full of smart, engaged scientists driven to make the world a safer and healthier place. Through our clients' projects we become an essential element for a better world. We employ methods conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts. CARO is accredited by the Canadian Association for Laboratories Accreditation (CALA) to ISO/IEC 17025:2017 for specific tests listed in the scope of accreditation approved by CALA.

Big Picture Sidekicks



You know that the sample you collected after snowshoeing to site, digging 5 meters, and racing to get it on a plane so you can submit it to the lab for time sensitive results needed to make important and expensive decisions (whew) is VERY important. We know that too.

We've Got Chemistry



It's simple. We figure the more you enjoy working with our fun and engaged team members; the more likely you are to give us continued opportunities to support you.

Ahead of the Curve



Through research, regulation knowledge, and instrumentation, we are your analytical centre for the technical knowledge you need, BEFORE you need it, so you can stay up to date and in the know.

By engaging our services, you are agreeing to CARO Analytical Service's Standard Terms and Conditions outlined here: <https://www.caro.ca/terms-conditions>

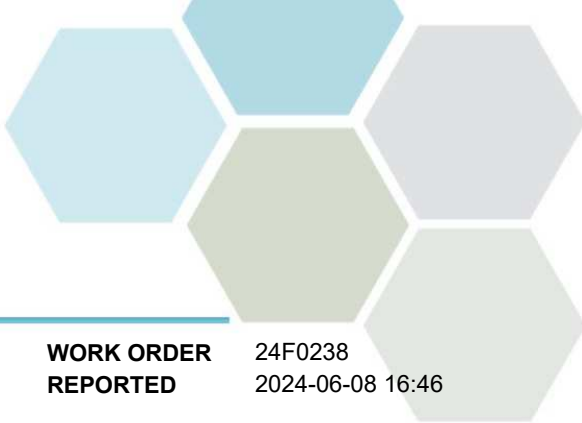
If you have any questions or concerns, please contact me at TeamCaro@caro.ca

Authorized By:

Team CARO
Client Service Representative

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TEST RESULTS

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Cherryville Water Stewart

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Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
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Shuswap River @ Sihlis Road (24F0238-01) | Matrix: Water | Sampled: 2024-06-03 12:00

Microbiological Parameters

Coliforms, Total (Q-Tray)	238	MAC = 0	1	MPN/100 mL	2024-06-04	
E. coli (Q-Tray)	21	MAC = 0	1	MPN/100 mL	2024-06-04	
Enterococcus	4.1	N/A	1.0	MPN/100 mL	2024-06-04	

Reiter Creek @ Shuswap River (24F0238-02) | Matrix: Water | Sampled: 2024-06-03 12:00

Microbiological Parameters

Coliforms, Total (Q-Tray)	866	MAC = 0	1	MPN/100 mL	2024-06-04	
E. coli (Q-Tray)	1	MAC = 0	1	MPN/100 mL	2024-06-04	
Enterococcus	6.3	N/A	1.0	MPN/100 mL	2024-06-04	

Cherry Creek @ Shuswap River (24F0238-03) | Matrix: Water | Sampled: 2024-06-03 12:00

Microbiological Parameters

Coliforms, Total (Q-Tray)	1990	MAC = 0	1	MPN/100 mL	2024-06-04	
E. coli (Q-Tray)	93	MAC = 0	1	MPN/100 mL	2024-06-04	
Enterococcus	43	N/A	1.0	MPN/100 mL	2024-06-04	

Ferry Creek @ Shuswap River (24F0238-04) | Matrix: Water | Sampled: 2024-06-03 12:00

Microbiological Parameters

Coliforms, Total (Q-Tray)	1990	MAC = 0	1	MPN/100 mL	2024-06-04	
E. coli (Q-Tray)	16	MAC = 0	1	MPN/100 mL	2024-06-04	
Enterococcus	15	N/A	1.0	MPN/100 mL	2024-06-04	

Shuswap River @ BC Hydro Site (24F0238-05) | Matrix: Water | Sampled: 2024-06-03 12:00

Microbiological Parameters

Coliforms, Total (Q-Tray)	2420	MAC = 0	1	MPN/100 mL	2024-06-04	
E. coli (Q-Tray)	39	MAC = 0	1	MPN/100 mL	2024-06-04	
Enterococcus	20	N/A	1.0	MPN/100 mL	2024-06-04	

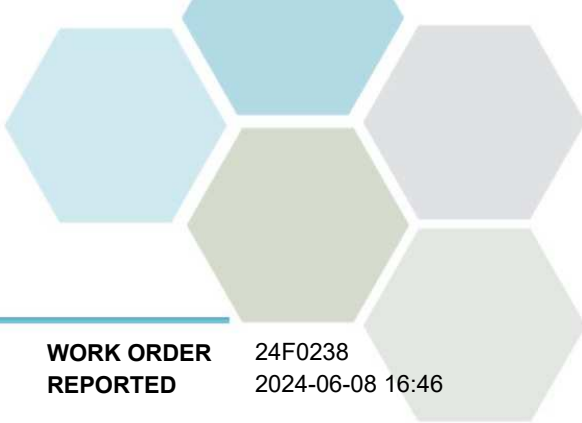
Km 25, Sugar Lake Road (24F0238-06) | Matrix: Water | Sampled: 2024-06-03 12:00

Microbiological Parameters

Coliforms, Total (Q-Tray)	789	MAC = 0	1	MPN/100 mL	2024-06-04	
E. coli (Q-Tray)	35	MAC = 0	1	MPN/100 mL	2024-06-04	

Km 1, Sugar Lake Road (24F0238-07) | Matrix: Water | Sampled: 2024-06-03 12:00

Microbiological Parameters

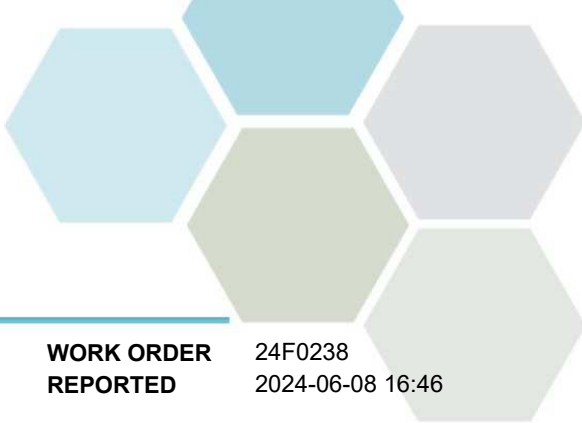


TEST RESULTS

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Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
Km 1, Sugar Lake Road (24F0238-07) Matrix: Water Sampled: 2024-06-03 12:00, Continued						
<i>Microbiological Parameters, Continued</i>						
Coliforms, Total (Q-Tray)	12800	MAC = 0	1	MPN/100 mL	2024-06-04	
E. coli (Q-Tray)	554	MAC = 0	1	MPN/100 mL	2024-06-04	



APPENDIX 1: SUPPORTING INFORMATION

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Analysis Description	Method Ref.	Technique	Accredited	Location
Coliforms, Total in Water	SM 9223 (2016)	Quanti-Tray / Enzyme Substrate Endo Agar	✓	Kelowna
E. coli in Water	SM 9223 (2016)	Quanti-Tray / Enzyme Substrate Endo Agar	✓	Kelowna
Enterococcus in Water	SM 9230 D (2022)	Quanti-Tray / Fluorogenic Substrate Enterococcus Test		Kelowna

Glossary of Terms:

RL	Reporting Limit (default)
MAC	Maximum Acceptable Concentration (health based)
MPN/100 mL	Most Probable Number per 100 millilitres
SM	Standard Methods for the Examination of Water and Wastewater, American Public Health Association

Guidelines Referenced in this Report:

[Guidelines for Canadian Drinking Water Quality \(Health Canada, September 2022\)](#)

Note: In some cases, the values displayed on the report represent the lowest guideline and are to be verified by the end user

General Comments:

The results in this report apply to the received samples analyzed in accordance with the Chain of Custody document. This analytical report must be reproduced in its entirety. CARO is not responsible for any loss or damage resulting directly or indirectly from error or omission in the conduct of testing. Liability is limited to the cost of analysis. Caro will dispose of all samples within 30 days of sample receipt, unless otherwise agreed. The quality control (QC) data is available upon request

Results in **Bold** indicate values that are above CARO's method reporting limits. Any results that are above regulatory limits are highlighted **red**. Please note that results will only be highlighted red if the regulatory limits are included on the CARO report. Any Bold and/or highlighted results do not take into account method uncertainty. If you would like method uncertainty or regulatory limits to be included on your report, please contact your Account Manager: TeamCaro@caro.ca

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