



CERTIFICATE OF ANALYSIS

REPORTED TO Kaleden Irrigation District
119 Ponderosa Avenue (Box 107)
Kaleden, BC V0H 1K0

ATTENTION Mike Snair

PO NUMBER

PROJECT THMs

PROJECT INFO

WORK ORDER N000448

RECEIVED / TEMP 2019-10-31 12:00 / 5°C
REPORTED 2019-11-12 09:51

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 17025:2005 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

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.

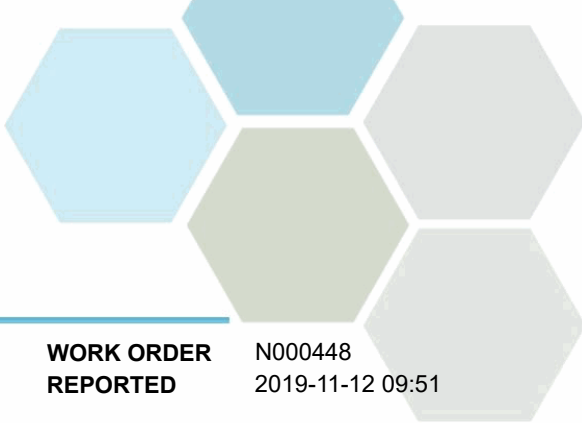
If you have any questions or concerns, please contact me at teamcaro@caro.ca

Authorized By:

Team CARO
Client Service Representative

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TEST RESULTS

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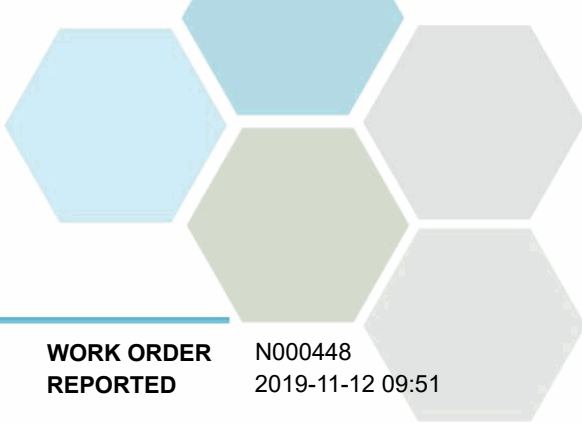
Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
621 LINDEN AVE (N000448-01) Matrix: Water Sampled: 2019-10-30 12:00						
<i>Calculated Parameters</i>						
Total Trihalomethanes	0.0876	MAC = 0.1	0.00400	mg/L	N/A	
<i>Volatile Organic Compounds (VOC)</i>						
Bromodichloromethane	0.0080	N/A	0.0010	mg/L	2019-11-08	
Bromoform	< 0.0010	N/A	0.0010	mg/L	2019-11-08	
Chloroform	0.0796	N/A	0.0010	mg/L	2019-11-08	
Dibromochloromethane	< 0.0010	N/A	0.0010	mg/L	2019-11-08	
Surrogate: Toluene-d8	94		70-130	%	2019-11-08	
Surrogate: 4-Bromofluorobenzene	65		70-130	%	2019-11-08	S02

100 ASH AVE (N000448-02) | Matrix: Water | Sampled: 2019-10-30 12:00

<i>Calculated Parameters</i>						
Total Trihalomethanes	0.0998	MAC = 0.1	0.00400	mg/L	N/A	
<i>Volatile Organic Compounds (VOC)</i>						
Bromodichloromethane	0.0090	N/A	0.0010	mg/L	2019-11-08	
Bromoform	< 0.0010	N/A	0.0010	mg/L	2019-11-08	
Chloroform	0.0908	N/A	0.0010	mg/L	2019-11-08	
Dibromochloromethane	< 0.0010	N/A	0.0010	mg/L	2019-11-08	
Surrogate: Toluene-d8	92		70-130	%	2019-11-08	
Surrogate: 4-Bromofluorobenzene	62		70-130	%	2019-11-08	S02

Sample Qualifiers:

S02 Surrogate recovery outside of control limits. Data accepted based on acceptable recovery of other surrogates.



APPENDIX 1: SUPPORTING INFORMATION

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Analysis Description	Method Ref.	Technique	Location
Trihalomethanes in Water	EPA 5030B / EPA 8260D	Purge&Trap / GC-MSD (SIM)	Richmond

Glossary of Terms:

RL	Reporting Limit (default)
<	Less than the specified Reporting Limit (RL) - the actual RL may be higher than the default RL due to various factors
MAC	Maximum Acceptable Concentration (health based)
mg/L	Milligrams per litre
EPA	United States Environmental Protection Agency Test Methods

Guidelines Referenced in this Report:

[Guidelines for Canadian Drinking Water Quality \(Health Canada, Feb 2017\)](#)

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 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. Samples will be disposed of 30 days after the test report has been issued unless otherwise agreed to in writing. 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