

R E P O R T

LAKE COWICHAN FIRST NATION

Assessment Studies of Water and Wastewater Systems and Associated Water Management Practices at Selected First Nation Communities

Health Canada - Medical Services
Indian Health
#510 - 1230 Government St.
Victoria, BC
V8W 3Y2

M. B. RESEARCH/LABS

17Feb00 2:30p
unknown
water
1

P1
R44164

TEL: 363-3143
FAX: 363-0179

Arrival temp.: 11.0C

C

Site Code	Date	Time	CFU/100 ml		CFU/100 ml	
			TC	NC	FC	NC
Lake Cowichan Reserve	15Feb00		0	4	0	0

TC = total coliform bacteria
FC = fecal coliform bacteria
NC = non-coliform bacteria

Results may be adversely affected if samples are submitted to the laboratory more than 24 to 30 hours after collection.

E. K. Black
Supervisor

W. Riggs
Sr. Microbiologist

M. B. LABS LTD
Fax: 656-0443

Facsimile

To: David Popkin, Associated Engineering
@Fax: (604) ~~293-1411~~ 291-6163
From: Ray Miller
Date: Wednesday, March 6, 2002 @ 9:30AM
Re:
Pages: 3, including this

Please find Cowichan Lake Water analysis attached. Thanks



SEP 10 1998

827 FORT STREET,
VICTORIA, B.C. V8W 1H6
Tel: (250) 385-6112
Fax: (250) 382-6364
jblabs@islandnet.com

DATE: September 3, 1998

JOB NO: JB 1431W
LR NO: 26654

CLIENT: TOWN OF LAKE COWICHAN
PO BOX 860
LAKE COWICHAN BC V0R 2G0

SAMPLING DATE: Aug 25/98
SAMPLING AGENT: Client

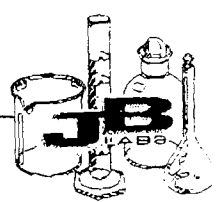
The sample(s) submitted
by the agent have been
tested as requested and
we report as follows

Attn: Ray Miller

SAMPLE: Sample # 1: Lake Water Aug 25/98

		<u>Sample 1</u>
Tot Dissolved Solids	mg/L	32
Conductivity	us/cm	47
pH		6.6
Alkalinity, Total	mg/L CaCO ₃	18.9*
Total Hardness	mg/L CaCO ₃	23
Chloride	mg/L	3
Sulphate	mg/L	1
Fluoride	mg/L	< 0.05
Nitrite	mg/L N	< 0.002
Nitrate	mg/L N	< 0.04
Aluminum	mg/L	0.013
Antimony	mg/L	< 0.001
Arsenic	mg/L	< 0.001
Barium	mg/L	0.004
Beryllium	mg/L	< 0.001
Boron	mg/L	< 0.00
Cadmium	ug/L	< 0.2
Calcium	mg/L	8.15
Chromium	mg/L	< 0.001
Cobalt	mg/L	< 0.001
Copper	mg/L	< 0.001
Iron	mg/L	< 0.05
Lead	mg/L	< 0.001
Magnesium	mg/L	0.66
Manganese	mg/L	0.002
Molybdenum	mg/L	< 0.001
Nickel	mg/L	< 0.001
Phosphorus	mg/L PO ₄	0.07
Potassium	mg/L	0.22
Silica	mg/L SiO ₂	3.08

JB Laboratories Ltd.
water/wastewaters



John E. Evanoff, M.Sc.
Barbara M. Klassen, B.Sc.

Analysis performed according to "A Laboratory Manual for the Chemical Analysis of Water, Wastewaters and Biological Tissues", Chemistry Laboratory, Water Resource Service and/or "Standard Methods/Water and Wastewater", American Public Health Association



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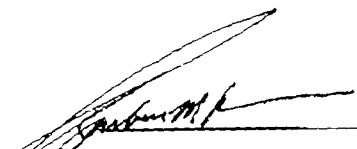
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 by the agent have been
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 we report as follows:

Attn: Ray Miller

SAMPLE: Sample # 1: Lake Water Aug 25/98

			<u>Sample 1</u>
Silver	mg/L	<	0.001
Sodium	mg/L		1.3
Strontium	mg/L		0.018
Tin	mg/L	<	0.001
Titanium	mg/L	<	0.001
Vanadium	mg/L	<	0.001
Zinc	mg/L	<	0.005
Colour, True	TCU	<	5
Turbidity	NTU		0.34
Total Coliform	CFU/100ml		15*
Faecal Coliform	CFU/100ml		3*
Noncoliform bacteria	CFU/100ml		4300*

* Indicates Outside of Guidelines for Canadian Drinking Water Quality
 and / or the BC Safe Drinking Water Regulation.
 < = less than


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