

R E P O R T

COLUMBIA LAKE BAND

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

Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

March 21, 2000

Columbia Lake Band
PO Box # 130
Windermere, B.C.
V0B 2L0

151-5-7-IR-29

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water sample(s) collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Faecal Coliform	Remarks
s.19(1)	Mar 6/00	EST 300	L 1	Re-sample
	Mar 6/00	19	L 1	*Resample
	Mar 6/00	8	4	Not acceptable *Resample
	Mar 6/00	L 1	L 1	Satisfactory
	Mar 6/00	EST 600	L 1	*Resample
	Mar 6/00	L 1	L 1	Satisfactory
	Mar 6/00	L 1	L 1	Satisfactory

L = less than EST = estimated count

OG = overgrowth (other non-coliform bacteria interfere with accurate measurements and resampling is normally requested)

Recommendations: Please resample the following homes: [redacted]
and [redacted]

If you have any questions please contact me at: (250) 470-5144.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

cc: CHR & File

Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

January 23, 2001

Columbia Lake Band
P.O. Box # 130
Windermere, B.C.
VOB 2L0

151-5-7-IR-29

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water sample(s) collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Fecal Coliform	Remarks
s.19(1)	Jan 15	L1	L1	satisfactory
	Jan 15	L1	L1	satisfactory
	Jan 15	L1	L1	satisfactory
	Jan 15	L1	L1	satisfactory
	Jan 15	L1	L1	satisfactory
	Jan 15	L1	L1	* resample

L = less than EST = estimated count

OG = overgrowth (other non-coliform bacteria interfere with accurate measurements and resampling is normally requested)

* There were too many background (non-coliform) colonies for an accurate count. Please resample.

If you have any questions please contact me at: (250) 470-5144.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

Environmental Health Services
 First Nations and Inuit Health
 # 313 - 471 Queensway Ave.
 Kelowna, BC V1Y 6S6

January 30, 2001

Columbia Lake Band
 P.O. Box # 130
 Windermere, B.C.
 V0B 2L0

151-5-7-IR-29

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water sample(s) collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Fecal Coliform	Remarks
s.19(1)	Jan 22/01	L 1	L 1	Satisfactory
	Jan 22/01	L 1	L 1	Satisfactory
	Jan 22/01	L 1	L 1	Satisfactory
	Jan 22/01	L 1	L 1	Satisfactory
	Jan 22/01	3	L 1	* Resample
	Jan 22/01	L 1	L 1	Satisfactory
	Jan 22/01	L 1	L 1	Satisfactory
	Jan 22/01	L 1	L 1	Satisfactory

L = less than EST = estimated count

OG = overgrowth

Recommendations: Please resample from [redacted] home and please contact me at: (250) 470-5144, if you have any questions.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
 Environmental Health Officer

Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

February 20, 2001

Columbia Lake Band
P.O. Box 130
Windermere, BC
VOB 2L0

151-5-7-IR-85

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water sample(s) collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Fecal Coliform	Remarks
s.19(1)	01/02/19	13	L1	Resample
	01/02/12	40	1	Resample

L = less than EST = estimated count

OG = overgrowth (other non-coliform bacteria interfere with accurate measurements and resampling is normally requested)

Please contact me, if you have any questions, at: (250) 470-5144.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

cc: CHA & File

Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

March 8, 2001

Columbia Lake Band
P.O. Box # 130
Windermere, B.C.
V0B 2L0

151-5-7-IR-29

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water samples collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Fecal Coliform	Remarks
s.19(1)	Mar 5/01	L 1	L 1	Satisfactory
	Mar 5/01	L 1	L 1	Satisfactory
	Mar 5/01	L 1	L 1	Background** Resample
	Mar 5/01	L 1	L 1	Satisfactory
	Mar 5/01	L 1	L 1	Satisfactory

L = less than EST = estimated count

OG = overgrowth

Recommendations: Please resample from [redacted] home as background colonies may have interfered with the coliform count and contact me at: (250) 470-5144, if you have any questions.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

cc: CHR & File

Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

March 5, 2001

Columbia Lake Band
P.O. Box # 130
Windermere, B.C.
V0B 2L0

151-5-7-IR-29

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water samples collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Fecal Coliform	Remarks
s.19(1)	Feb 19/01	L 1	L 1	Satisfactory
	Feb 19/01	1	L 1	*Resample

L = less than EST = estimated count

OG = overgrowth

Recommendations: Please resample from I [redacted] site and contact me at: (250) 470-5144, if you have any questions.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

cc: CHR & File

Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

March 12, 2001

Columbia Lake Band
P.O. Box # 130
Windermere, B.C.
V0B 2L0

151-5-7-IR-29

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water samples collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Fecal Coliform	Remarks
s.19(1)	Mar 5/01	2	L 1	*Resample
	Mar 5/01	L 1	L 1	Satisfactory

L = less than EST = estimated count

OG = overgrowth

Recommendations: Please resample the water from [redacted] home and contact me at: (250) 470-5144, if you have any questions.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

cc: CHR & File

Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

June 26, 2001

Columbia Lake Band
P.O. Box # 130
Windermere, B.C.
V0B 2L0

151-5-7-IR-29

WATER SAMPLE REPORT

This report summarizes the bacteriological data pertinent to water samples collected for the dates shown. Recommendations have been made where appropriate. Complete laboratory reports are on file and are available upon request.

Sample Location	Date	Total Coliform	Fecal Coliform	Remarks
Health Centre, CWS	Jun 19/01	L 1	L 1	Satisfactory
Campground Office Sink	Jun 19/01	L 1	L 1	*Satisfactory

L = less than EST = estimated count

OG = overgrowth

Recommendations: * I understand that the campground office is supplied by a untreated surface water source. Although these sample results were satisfactory the safety of this source should be considered questionable. I recommend routine sampling of this water supply.

Please contact me at: (250) 470-5144, if you have any questions.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

cc: CHR & File



Environmental Health Services
First Nations and Inuit Health
313 - 471 Queensway Ave.
Kelowna, BC V1Y 6S6

May 5, 2000

s.19(1)

Your file Votre référence

Columbia Lake Band
P.O. Box # 130
Windermere, B.C.
V0B 2L0

Our file Notre référence
151-5-7-IR-29

Re: CHEMICAL WATER QUALITY for the Community Water System

Enclosed is a copy of the chemical analysis for water sampled on April 5,2000 from the community water system - [redacted] home.

The water met the 'Guidelines for Canadian Drinking Water' for all parameters tested with the exception of total dissolved solids. This parameter is not considered a health concern but is limited to meet aesthetic objectives.

Total Dissolved Solids measured 712 mg/L which is above the aesthetic objective of 500 mg/L. This is not a health concern but may make water less acceptable due to excessive hardness, taste, mineral deposition and corrosion.

Please contact me if you have any questions at: (250) 470-5144.

Yours truly,

Grace Maciver, B.Sc., C.P.H.I.(C)
Environmental Health Officer

cc: CHR & File