

R E P O R T

CAMPBELL RIVER FIRST NATION

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



ANALYTICAL SERVICES

04-Apr-02
Page 2 of 13

ANALYTICAL REPORT

Client : HEALTH CANADA
Project :
Sampling site :
Submitted by : SANDRA GREEN

Philip ID : 12014217 12014218 12014219
Client ID : CAMPBELL COMOX BAND HOMOLTCO
RJVER BAND

Sparcode	Parameter	Unit	MDL	CDWG			
PHYSICAL							
00041220	pH	pH units	0.1	6.5-8.5	7.1	7.0	7.1
00021300	Color True	Col. Unit	5	15	10	5	5
00111160	Specific Conductance	uS/cm	1	--	51	40	53
SCCASCALC	Computed Conductance	uS/cm		--	52	39	55
CCPDCALC	Conductance % Diff.	%		--	2.2	-2.4	3.3
00081071	Residue Nonfilterable (TSS)	mg/L	4	--	< 4	< 4	< 4
007111035	Residue Filterable 1.0u (TDS)	mg/L	10	500	34	20	24
CTDSCALC	Computed TDS	mg/L		--	26	20	28
TDSRCALC	TDS % Diff.	%		--	-25.0	-1.7	15.5
00151140	Turbidity	NTU	0.10	1.0	0.38	0.37	0.27
0107CALC	Hardness Total -T	mg/L		500	24.3	17.9	25.2
GENERAL INORGANICS							
01011211	Alkalinity Phen. 8.3 as CaCO3	mg/L	1	--	< 1	< 1	< 1
01021210	Alkalinity Total as CaCO3	mg/L	1	--	19	16	21
CO3-CALC	Carbonate as CO3==	mg/L		--	< 0.5	< 0.5	< 0.5
HCO3CALC	Bicarbonate as HCO3-	mg/L		--	23.2	19.5	25.6
OH--CALC	Hydroxide as OH-	mg/L		--	< 0.5	< 0.5	< 0.5
2105AA04	Cyanide(SAD) + Thiocyanate	mg/L	0.0005	0.2	< 0.0005	< 0.0005	< 0.0005
0125LLHS	Sulfide Total	mg/L	0.005	0.05	< 0.005	< 0.005	< 0.005
ANIONS							
11041334	Chloride Dissolved	mg/L	0.5	< 250	1.6	1.6	1.6
11061341	Fluoride Dissolved	mg/L	0.01	1.5	< 0.01	< 0.01	< 0.01
IonBCALC	Ion Balance	%		--	4.0	1.1	1.9
AnnscALC	Total Anions	meq/L		--	0.48	0.38	0.53
CtncALC	Total Cations	meq/L		--	0.53	0.39	0.55
LangCALC	Langelier Index	pH units		--	-2.1	-2.5	-2.0
pHSACALC	Saturation pH	pH units		--	9.2	9.5	9.1
CARBON							
01030912	Organic Carbon - Total	mg/L	0.5	--	< 0.5	1.2	1.8

Matrix : Water Water Water
Sampled on: 02/03/13 16:00 02/03/13 16:00 02/03/13 16:00

CONTINUED on page 3

ENVIRONMENTAL
BACTERIOLOGY
Phone Number :

Printed : 2001 MAR 29

HEALTH CANADA (CAMPBELL RIVER) - 342
OCCUPATIONAL & ENVIRONMENTAL HEALTH
1180 IRONWOOD ST SUITE 119
CAMPBELL RIVER BC V9W 5P7

Requisition : A0WW056081
Submitter Ref :

Specimen Submitter

: 342-HEALTH CANADA (CAMPBELL RI

Site Information

Code/Name : 02N5721 - 02N5721

Site Desc : 4001, CAMPBELL RIVER BAND OFFICE, BATHROOM TAP, CAMPBELL RIVER

City/Area : Type : COM.W.S.

Source : Lake

Specimen

Treatment : TREATED

Ph Level : Free

Chlorine Level : ppm

Nature : WATER

Exams Req : Total Coliform

EHO : CAROL MACRAE

: Fecal Coliform

Collected : 2001 MAR 27

Received : 2001 MAR 28

RESULTS

Reported on 2001 MAR 29

<u>Test</u>	<u>Result</u>	<u>Units</u>
1. Total Coliform (Membrane Filtration)	L1	TC Count/100ml
2. Fecal Coliform (Membrane Filtration)	L1	FC Count/100ml
L: LESS THAN		

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For inquiries from medical personnel regarding laboratory results, please contact the Central Inquiry Line at 604-660-5100.

Specimen was 24 hours in transit

ENVIRONMENTAL
BACTERIOLOGY

Phone Number :

Printed : 2002 MAR 15

Requisition : A1WB000322

Submitter Ref :

HEALTH CANADA (CAMPBELL RIVER) - 342
OCCUPATIONAL & ENVIRONMENTAL HEALTH
1180 IRONWOOD ST SUITE 119
CAMPBELL RIVER BC V9W 5P7

Specimen Submitter

: 342-HEALTH CANADA (CAMPBELL RI*

Site Information

Code/Name : 02T1643 - 02T1643
Site Desc : CAMPBELL RIVER BAND, CAMPBELL RIVER
City/Area : Type : COM.W.S.
Source : Lake

Specimen

Treatment : TREATED Ph Level: Free Chlorine Level: ppm
Nature : WATER Exams Req : Total Coliform
PHO : S GREEN : Fecal Coliform

Collected: 2002 MAR 13

Received : 2002 MAR 14

RESULTS

Reported on 2002 MAR 15

<u>Test</u>	<u>Result</u>	<u>Units</u>
1. Total Coliform (Membrane Filtration) C; SAMPLE LEAKED/BROKEN IN TRANSIT	C	TC Count/100ml
2. [BROKEN CAP]		

Specimen was 24 hours in transit
Coliform test may NOT be valid if specimen was more than 30 hrs in transit