

**ASSESSMENT STUDY OF WATER AND WASTEWATER SYSTEMS
AND ASSOCIATED WATER MANAGEMENT PRACTICES
AT KYUQUOT FIRST NATION**

For

**Indian and Northern Affairs Canada
British Columbia Region**

By

**UMA Engineering Ltd.
3030 Gilmore Diversion
Burnaby, British Columbia
V5G 3B4**

February 2002

Assessment Study of Water and Wastewater Systems
Kyuquot First Nation Houpsitas IR No. 6

Appendix D

WATER TESTING RESULTS

(CHEMICAL/PHYSICAL/BACTERIOLOGICAL)
WITH COMPARISONS TO THE
GUIDELINES FOR CANADIAN DRINKING WATER QUALITY (GCDWQ)

Page(s) 004216 to\à 004216

Is(are) under consultation

BC Centre for
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Vancouver

BCCDC LABORATORY SERVICES
655 12th Avenue West
Vancouver, B.C. V5Z 4R4

Fax: (604)660-6073

ENVIRONMENTAL
BACTERIOLOGY

Phone Number :

Printed : 2001 JUL 17

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

Requisition : A1WW019976
Submitter Ref :

Specimen Submitter

: 342-HEALTH CANADA (CAMPBELL RI*

s.19(1)

Site Information

Code/Name : 02P2499 - 02P2499

Site Desc : [REDACTED] KYQUOT ("TAP LAUNDRY ROOM" ON SAMPLE BOTTLE LABEL)

City/Area : Type : Public Waterworks System

Source : Well

Specimen

Treatment : UNTREATED

Nature : WATER

Ph Level : Free Chlorine Level : ppm
Exams Reg : Total Coliform

Operator : CAROL MACRAE : Fecal Coliform

Collected : 2001 JUL 11

Received : 2001 JUL 13

RESULTS

Reported on 2001 JUL 17

<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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Specimen was 48 hours in transit

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ENVIRONMENTAL
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Phone Number :

Printed : 2001 JUL 17

Requisition : A1NW019975

Submitter Ref :

Specimen Submitter

: 342-HEALTH CANADA (CAMPBELL RI+)

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

Site Information

Code/Name : 02P2512 - 02P2512

Site Desc : 4124, KITCHEN TAP, KYUQUOT BAND OFFICE, KYUQUOT

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

Source : Well

Specimen

Treatment : UNTREATED

Ph Level : Free Chlorine Level : ppm

Nature : WATER

Exams Req : Total Coliform

EHO : CAROL MAERA

: Fecal Coliform

Collected : 2001 JUL 11

Received : 2001 JUL 13

RESULTS

Reported on 2001 JUL 17

<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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Printed :2001 JUL 17

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OCCUPATIONAL & ENVIRONMENTAL HEALTH
1180 IRONWOOD ST SUITE 119
CAMPBELL RIVER BC V9W 5P7

Requisition :A1WW019978
Submitter Ref :

Specimen Submitter

:342-HEALTH CANADA (CAMPBELL RI*

Site Information

Code/Name :02P2505 - 02P2505
Site Desc :4131 KINDERGARDEN SCHOOL ("KITCHEN TAP" ON SAMPLE BOTTLE LABEL)
City/Area : Type :COM.W.S. *Kyquot cm.*
Source :Well

Specimen

Treatment :UNTREATED Ph Level :Free Chlorine Level :ppm
Nature :WATER Exams Req :Total Coliform
Collector :CAROL MACRAE :Fecal Coliform

Collected :2001 JUL 11
Received :2001 JUL 13

RESULTS

Reported on 2001 JUL 17

<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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ENVIRONMENTAL
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Phone Number :

Printed : 2000 AUG 19

Requisition : A0WW021536
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 : 92B4122 - 92B4122

Site Desc : KYUQUOT RED CROSS

City/Area :

Type : COM.W.S.

Source : Lake

Specimen

Treatment : UNTREATED

Ph Level : Free

Chlorine Level : ppm

Nature : WATER

Exams Req : Total Coliform

: DENNIS HAYES

: Fecal Coliform

Collected : 2000 AUG 17

Received : 2000 AUG 18

RESULTS

Reported on 2000 AUG 19

<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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Specimen was 24 hours in transit

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Phone Number :

Printed : 2000 AUG 19

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CAMPBELL RIVER BC V9W 5P7

Requisition : A0WW021537
Submitter Ref :

Specimen Submitter

: 342-HEALTH CANADA (CAMPBELL RI*

Site Information

Code/Name : 92B4124 - 92B4124

Site Desc : KYUQUOT BAND OFFICE

City/Area :

Source : Lake

Type : COM.W.S.

Specimen

Treatment : UNTREATED

Nature : WATER

Ph Level : Free

Chlorine Level : ppm

Exams Req : Total Coliform

O : D. HAYES

: Fecal Coliform

Collected : 2000 AUG 17

Received : 2000 AUG 18

RESULTS

Reported on 2000 AUG 19

<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
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Phone Number :

Printed : 2000 AUG 19

Requisition : A0WW021538
Submitter Ref :

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CAMPBELL RIVER BC V9W 5P7

Specimen Submitter
: 342-HEALTH CANADA (CAMPBELL RI*

Site Information

Code/Name : 02K8663 - 02K8663
Site Desc : 92B4120, KYUQUOT SCHOOL
City/Area : Type :
Source : Well

Specimen

Treatment : UNTREATED Ph Level : Free Chlorine Level : ppm
Nature : WATER Exams Req : Total Coliform
EHO : D. HAYES : Fecal Coliform

Collected : 2000 AUG 17
Received : 2000 AUG 18

RESULTS

Reported on 2000 AUG 19

Test	Result	Units
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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Phone Number :

Printed :2000 JUN 9

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Requisition :A0WW007827
Submitter Ref :

Specimen Submitter

:342-HEALTH CANADA (CAMPBELL RI

Site Information

Code/Name :92B4122 - 92B4122

Site Desc :KYUQUOT RED CROSS

City/Area :

Source :Lake

Type :COM.W.S.

Specimen

Treatment :UNTREATED

Nature :WATER

Ph Level :Free Chlorine Level :ppm

Exams Req :Total Coliform

YO :D. HAYES

:Fecal Coliform

Collected :2000 JUN 7

Received :2000 JUN 8

RESULTS

Reported on 2000 JUN 9

<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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Phone Number :

Printed :2000 JUN 9

Requisition :A0WW007824
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 :92B4124 - 92B4124
Site Desc :KYUQUOT BAND OFFICE
City/Area :
Source :Lake

Type :COM.W.S.

Specimen

Treatment :UNTREATED
Nature :WATER

Ph Level :Free Chlorine Level :ppm
Exams Req :Total Coliform

EHO :D. HAYES

:Fecal Coliform

Collected :2000 JUN 7
Received :2000 JUN 8

RESULTS

Reported on 2000 JUN 9

<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
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Kyuquot First Nation Houpsitas IR No. 6

Appendix E

WASTEWATER TESTING RESULTS

(CHEMICAL/PHYSICAL/BACTERIOLOGICAL)
WITH COMPARISONS TO THE
*GUIDELINES FOR EFFLUENT QUALITY AND WASTEWATER TREATMENT AT
FEDERAL ESTABLISHMENTS*

Page(s) 004226 to\à 004226

Is(are) under consultation