



210-1811 Victoria St.
Prince George, BC V2L2L6
(250)301-7898

www.wellnesswaterlab.com
contact@wellnesswaterlab.com

Report Status:
Final

General Information

Laboratory Report

Client Name:

JOYCE, PATTI
WILLIAMS LAKE
First Nations Health Authority

Bill To:

First Nations Health Authority

Address:

177 Victoria St. Suite 220, Prince George, BC V2L5R8

Report ID:	WILLIAMS20220518
Sampler:	NOT INDICATED
Collection Date:	2022-05-18
Receiving Date/Time:	2022-05-19 14:30
Analysis Start Date/Time:	2022-05-19 14:45
Analysis End Date/Time:	2022-05-20 14:45
Reported Date/Time:	2022-05-24 8:00

The information contained in this report is considered confidential and is intended for the addressee whose name is specified above. Should you receive this report by error, please notify us by phone and delete this message from your mailbox.

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1. Bacteriology Results:

#	Project Name, Address and Source	Site Code	Lab Reference Number	Microorganisms (MPN/100 ML)		Comment
				Total Coliform	E.Coli	
1	.15 O and M Shop	15463	14662	<1	<1	
2	.01 Sugar Cane Health Centre	15976	14663	<1	<1	
3	.04 Chief Will-Yum Store	15465	14664	<1	<1	
4	.17 New WLFN Administration Building	21163	14665	<1	<1	
5	Bear Dr. - 69 Marlene Wycotte	15528	14666	<1	<1	

2. Analytical Comments:

● See section #12 for additional documents



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3. Sample Details:

#	Project Name & Address Provided on Chain of Custody Form and/or Sample Label	Source	Collection Date/Time	Hold Time (hh:mm)	Chlorination (mg/L)		Note
					Free	Total	
1	.15 O and M Shop	Sugar Cane Williams Lake CWS	2022-05-18 9:07	29:38	0.32	0.43	
2	.01 Sugar Cane Health Centre	Sugar Cane Williams Lake CWS	2022-05-18 9:35	29:10	0.27	0.35	
3	.04 Chief Will-Yum Store	Sugar Cane Williams Lake CWS	2022-05-18 10:43	28:02	0.25	0.41	
4	.17 New WLFN Administration Building	Sugar Cane Williams Lake CWS	2022-05-18 12:37	26:08	0.36	0.48	
5	Bear Dr. - 69 Marlene Wycotte	Sugar Cane Williams Lake CWS	2022-05-18 13:29	25:16	0.54	0.65	

4. Note To Clients:

A	Sample/s Temperature (°C) :	10.0	
B	Sample/s Holding Time (hh):	<30	
C	Verbal Notification:	NO	
D	Additional Documents:	YES	●See section #12 for additional documents

a) Temperature shown in the above is the average of up to three sample temperatures in the same cooler taken at receipt

b) Sample Holding Time is the elapsed time between collection date/time and analysis start date/time



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5. Quality Assurance:

#1 Positive Control, *Klebsiella pneumoniae*
#2 Positive Control, *Escherichia coli*
#3 Negative Control, *Pseudomonas aeruginosa*

6. Methodology:

Analyte: Total coliform & *Escherichia coli*
Method: Enzyme Substrate Colilert 24
Unit: MPN/100ml
Detection Limit: 1.0 MPN/100ml

7. Guideline:

Bacteria Growth Limit: None Detected = 0.0 = <1.0 MPN/100ml
Sample Temperature: 2 to 10 °C
Maximum Sample Holding Time: 30 hours

8. References:

British Columbia Drinking Water Protection Act
Guideline for Canadian Drinking Water Quality
Standard Methods for the Examination of Water and Wastewater, 23rd Edition
Enhanced Water Quality Assurance Program (EWQA)

9. PHO Approval:

[Provincial Health Officer Approved Laboratory List](#)

10. Acronyms:

BML: Below Minimum Limit
BT: Bathroom Tap
BW: Bottled Water
CWS: Community Water System
EC: *E. coli* (*Escherichia coli*)
EML: Exceeded Maximum Limit
f: Free Chlorine
IL: Illegible
KT: Kitchen Tap
MAC: Maximum Acceptable Concentration
mg/L: Milligram per litre

MPN: Most Probable Number (per 100 ml)
NA: Not Applicable
NC: Non-Conforming
NCD: No Collection Date
NCT: No Collection Time
NI: Not Indicated
NR: No Result
NSQ: Not Sufficient Quantity
NT: Not Tested
OT: Outside Tap
ppm: Part per million

PW: Private Well
SC: See Comment
SPL: Sampling Point Locator
t: Total Chlorine
TC: Total Coliform
<: Below
>: Above
°C: Degree Celsius
*: Indicates Criteria Not Met



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11. Signature Page:

The results and Quality Control validations in this report were reviewed and approved by:

Arian Javaherdashti, MLT, CSMLS, Senior Analyst

The test results and additional information provided in this report applies only to the listed samples and is relevant only for the date, time and exact location of collections. Samples are tested as received and Wellness Water Testing Laboratory Inc. assumes no responsibility for the method of collection or samples shipment condition and disclaims any liability for damages arising from interpretation of results. The person and/or company performing the field work is advised to consult British Columbia Drinking Water official regulatory references when evaluating compliance. Please direct your inquiries about this report to us by phone at 250-301-7898.

12. Additional Documents:

- Please see attached copy of Chain of Custody form

CHAIN OF CUSTODY FORM

Nation/Community Name:
Environmental Public Health Services
First Nations Health Authority

PRINT FULL NAME
WilliamsLake First Nation

Sampler:

PRINT FULL NAME

Date of Collection:

18 / 05 / 2022

LID/WSI <small>Location ID Number/ Water System ID</small>	Time of Collection <small>00:00 AM/PM</small>	Site Name/Address <small>Project Type: CWS: Community Water System, PW: Private Well Location: KT: Kitchen Tap, BT: Bathroom Tap, OT: Outside Tap, BW: Bottled Water</small>	Chlorinated (mg/L)	FOR LAB USE ONLY (DO NOT WRITE IN THIS SECTION)
1. 477-15463	9:07 am	OTM Office, CWS, K.T.	Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.32 total: 0.43	WWTL 14662
2. 477-15976	9:35 am	Health Centre, CWS, K.T.	Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.27 total: 0.35	WWTL 14663
3. 477-15465	10:43 am	Chief Will Yum Store, CWS, B.T.	Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.25 total: 0.41	WWTL 14664
4. 477-21163	12:37 pm	New Admin-Building, CWS, K.T.	Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.36 total: 0.48	WWTL 14665
5. 477-15528	1:29 pm	Marlene Wycoffe, CWS, -O.T.	Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.54 total: 0.65	WWTL 14666
6.			Yes <input type="radio"/> No <input type="radio"/> free: total:	
7.			Yes <input type="radio"/> No <input type="radio"/> free: total:	
8.			Yes <input type="radio"/> No <input type="radio"/> free: total:	
9.			Yes <input type="radio"/> No <input type="radio"/> free: total:	
10.			Yes <input type="radio"/> No <input type="radio"/> free: total:	
11.			Yes <input type="radio"/> No <input type="radio"/> free: total:	
12.			Yes <input type="radio"/> No <input type="radio"/> free: total:	

FOR LAB USE ONLY (DO NOT WRITE IN THIS SECTION)

Received By: AJ

Date: 19 May 22

Time: 14:30

Temperature: 10.0 °C

Note: