



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

[www.wellnesswaterlab.com](http://www.wellnesswaterlab.com)  
[contact@wellnesswaterlab.com](mailto: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:	<b>WILLIAMS20220412</b>
Sampler:	WYCOTTE, TOMMY
Collection Date:	2022-04-12
Receiving Date/Time:	2022-04-13 14:10
Analysis Start Date/Time:	2022-04-13 14:30
Analysis End Date/Time:	2022-04-14 14:30
Reported Date/Time:	2022-04-14 15:00

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	14115	<1	<1	
2	.01 Sugar Cane Health Centre	15976	14116	<1	<1	
3	ROSEANNE MCGREGOR, CWS, KT	15570	14117	<1	<1	
4	.04 Chief Will-Yum Store	15465	14118	<1	<1	
5	NEW ADMIN BUILDING CWS KT	21163	14119	<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	2022-04-12 8:50	29:40	0.19	0.29	
2	.01 Sugar Cane Health Centre	Sugar Cane Williams Lake CWS	2022-04-12 9:38	28:52	0.15	0.33	
3	ROSEANNE MCGREGOR, CWS, KT	Sugar Cane Williams Lake CWS	2022-04-12 10:05	28:25	0.34	0.4	
4	.04 Chief Will-Yum Store	Sugar Cane Williams Lake CWS	2022-04-12 10:40	27:50	0.26	0.37	
5	NEW ADMIN BUILDING CWS KT	Sugar Cane Williams Lake CWS	2022-04-12 12:44	25:46	0.17	0.23	

**4. Note To Clients:**

A	Sample/s Temperature (°C) :	5.0	
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:

<b>BML:</b> Below Minimum Limit	<b>MPN:</b> Most Probable Number (per 100 ml)	<b>PW:</b> Private Well
<b>BT:</b> Bathroom Tap	<b>NA:</b> Not Applicable	<b>SC:</b> See Comment
<b>BW:</b> Bottled Water	<b>NC:</b> Non-Conforming	<b>SPL:</b> Sampling Point Locator
<b>CWS:</b> Community Water System	<b>NCD:</b> No Collection Date	<b>t:</b> Total Chlorine
<b>EC:</b> E. coli ( <i>Escherichia coli</i> )	<b>NCT:</b> No Collection Time	<b>TC:</b> Total Coliform
<b>EML:</b> Exceeded Maximum Limit	<b>NI:</b> Not Indicated	<: Below
<b>f:</b> Free Chlorine	<b>NR:</b> No Result	>: Above
<b>IL:</b> Illegible	<b>NSQ:</b> Not Sufficient Quantity	°C: Degree Celsius
<b>KT:</b> Kitchen Tap	<b>NT:</b> Not Tested	*: Indicates Criteria Not Met
<b>MAC:</b> Maximum Acceptable Concentration	<b>OT:</b> Outside Tap	
<b>mg/L:</b> Milligram per litre	<b>ppm:</b> Part per million	



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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  
 Williams Lake First Nation

Sampler: Tommy Wycotte  
 PRINT FULL NAME  
 Date of Collection: 12/04/2022

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)  Yes <input checked="" type="radio"/> No <input type="radio"/> free: total:	FOR LAB USE ONLY (DO NOT WRITE IN THIS SECTION)
1. 477-15463	8:50 am	OTM office, CWS, .K.T.	free: 0.19 total: 0.29	WWTL 14115
2. 477-15976	9:38 am	Health Centre, CWS, .K.T.	free: 0.15 total: 0.33	WWTL 14116
3. 477-15570	10:05 am	Roseanne M <sup>c</sup> Gregor, CWS, .K.T.	free: 0.34 total: 0.40	WWTL 14117
4. 477-15465	10:40 am	Chief Will Yum Store, CWS, .B.T.	free: 0.26 total: 0.37	WWTL 14118
5. 477-21163	12:44 pm	New Admin. Building, CWS, .K.T.	free: 0.17 total: 0.23	WWTL 14119
6.			free: total:	
7.			free: total:	
8.			free: total:	
9.			free: total:	
10.			free: total:	
11.			free: total:	
12.			free: total:	

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

Received By: AJ

Date: 13 Apr 22

Time: 14:10

Temperature: 5.0 °C

Note: