



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:

Patti Joyce
WILLIAMS LAKE
First Nations Health Authority

Bill To:

First Nations Health Authority

Address:

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

Report ID:	WILLIAMS20210714
Sampler:	WYCOTTE, TOMMY
Collection Date:	2021-07-14
Receiving Date/Time:	2021-07-15 14:15
Analysis Start Date/Time:	2021-07-15 14:45
Analysis End Date/Time:	2021-07-16 14:45
Reported Date/Time:	2021-07-16 15:30

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	9968	<1	<1	SEE SAMPLE DETAILS
2	.02 Band Office	15449	9969	<1	<1	
3	Bear Dr. - 48	15570	9970	<1	<1	
4	.04 Chief Will-Yum Store	15465	9971	<1	<1	
5	Peters Dr. - 2557 Ernie Archie	15566	9972	<1	<1	

2. Analytical Comments:

- Sample/s temperature was outside 2 to 10 °C standard range. Results should be interpreted with caution.
- 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
1	.15 O and M Shop	Sugar Cane Williams Lake CWS	2021-07-14 8:41	30:04	F:0.01 T:0.06	A, B
2	.02 Band Office	Sugar Cane Williams Lake CWS	2021-07-14 9:10	29:35	F:0.02 T:0.06	A
3	Bear Dr. - 48	Sugar Cane Williams Lake CWS	2021-07-14 9:35	29:10	F:0.10 F:0.25	A
4	.04 Chief Will-Yum Store	Sugar Cane Williams Lake CWS	2021-07-14 9:43	29:02	F:0.66 T:0.70	A
5	Peters Dr. - 2557 Ernie Archie	Sugar Cane Williams Lake CWS	2021-07-14 10:06	28:39	F:0.02 T:0.03	A

4. Note To Clients:

A	Sample/s Temperature (°C) :	15.5	●Sample/s temperature was outside 2 to 10 °C standard range. Results should be interpreted with caution.
B	Sample/s Holding Time (hh):	>30	●Sample Holding Time Exceeded Maximum 30 Hours Limit. Results may not be accurate and should be interpreted with caution.
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	MPN: Most Probable Number (per 100 ml)	PW: Private Well
BT: Bathroom Tap	NA: Not Applicable	SC: See Comment
BW: Bottled Water	NC: Non-Conforming	SPL: Sampling Point Locator
CWS: Community Water System	NCD: No Collection Date	t: Total Chlorine
EC: E. coli (<i>Escherichia coli</i>)	NCT: No Collection Time	TC: Total Coliform
EML: Exceeded Maximum Limit	NI: Not Indicated	<: Below
f: Free Chlorine	NR: No Result	>: Above
IL: Illegible	NSQ: Not Sufficient Quantity	°C: Degree Celcius
KT: Kitchen Tap	NT: Not Tested	*: Indicates Criteria Not Met
MAC: Maximum Acceptable Concentration	OT: Outside Tap	
mg/L: Milligram per litre	ppm: 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.



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12. Additional Documents:

- Please see attached copy of Chain of Custody forms

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*
Date of Collection: *14 / 07 / 2021*

LID/WSI Location ID Number/ Water System ID	Time of Collection 00:00 AM/PM	Site Name/Address Project Type: CWS: Community Water System, PW: Private Well Location: KT: Kitchen Tap, BT: Bathroom Tap, OT: Outside Tap, BW: Bottled Water	Chlorinated (mg/L)	FOR LAB USE ONLY (DO NOT WRITE IN THIS SECTION)
<i>1. Otm Office 477-15463</i>	<i>8:41 am</i>	<i>CWS, . K.T.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/> free: <i>0.01</i> total: <i>0.06</i>	WWTL 9968
<i>2. Band Office 477-15449</i>	<i>9:10 am</i>	<i>CWS, . K.T.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/> free: <i>0.02</i> total: <i>0.06</i>	WWTL 9969
<i>3. Roseanne McGregor 477-15570</i>	<i>9:35 am</i>	<i>CWS, . K.T.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/> free: <i>0.10</i> total: <i>0.25</i>	WWTL 9970
<i>4. Chief Will Yum Stores 477-15465</i>	<i>9:43 am</i>	<i>CWS, . B.T.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/> free: <i>0.66</i> total: <i>0.70</i>	WWTL 9971
<i>5. Ernie Archie 477-15566</i>	<i>10:06 am</i>	<i>CWS, - K.T.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/> free: <i>0.03</i> total: <i>0.02</i>	WWTL 9972
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: *Adrian*

Date: *15 July 21*

Time: *14:15*

Temperature: *15.5* °C

Note: