



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

Company:

First Nations Health Authority

Bill To:

First Nations Health Authority

Address:

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

Report ID:

WILLIAMSLAKE20201216

Collection Date:

2020-12-16

Receiving Date/Time:

2020-12-17 15:00

Analysis Start Date/Time:

2020-12-17 15:15

Analysis End Date/Time:

2020-12-18 15:15

Reported Date/Time:

2020-12-18 16:00

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	.13 Water Treatment Plant office tap	1322	7150	<1	<1	
2	.15 O and M Shop	15463	7151	<1	<1	
3	Peters Dr. - 2557 Ernie Archie	15566	7152	<1	<1	

2. Analytical Comments:

- See section #12 for a copy of document



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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)	Sampler	Note
1	SEE ATTACHED COC FORM	Sugar Cane Williams Lake CWS	2020-12-16 13:50	25:25	F:0.46	DUNCAN, DUSTIN	
2	SEE ATTACHED COC FORM	Sugar Cane Williams Lake CWS	2020-12-16 13:37	25:38	F:0.66	DUNCAN, DUSTIN	
3	SEE ATTACHED COC FORM	Sugar Cane Williams Lake CWS	2020-12-16 13:20	25:55	F:0.76	DUNCAN, DUSTIN	

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 a copy of document

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.



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12. Additional Documents:

- Please see attached a copy of document/s



CHAIN OF CUSTODY FORM

Unit 210-1811 Victoria St.
 Prince George, BC, V2L 2L6
 Phone: 250-301-7898
 Email: contact@wellnesswaterlab.com

Nation/Community: *Williams Lake First Nation*
 Environmental Public Health Services
 First Nations Health Authority

Sampler: *Justin Dureau / Fernando John*

Date of Collection: *16 / 12 / 2020*

SPL Sampling Point Locator	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) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> free: total:	FOR LAB USE ONLY (DO NOT WRITE IN THIS SECTION)
1. <i>1322</i>	<i>1:50</i>	<i>CWS KT water treatment plant</i>	free: <i>0.46</i> total:	WWTL 7150
2. <i>15463</i>	<i>1:57pm</i>	<i>CWS KT O3M shop</i>	free: total: <i>0.66</i>	WWTL 7151
3. <i>15566</i>	<i>120pm</i>	<i>CWS KT 2557 Petrus Drive Ernie Archie</i>	free: total: <i>0.76</i>	WWTL 7152
4.			free: total:	
5.			free: total:	
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: *Arian* Date: *17 Dec 2020* Time: *1500* Temperature: *10.0* °C
 Note: