



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 FN
First Nations Health Authority

Bill To:

First Nations Health Authority

Address:

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

| | |
|---------------------------|-------------------------|
| Report ID: | WILLIAMS20220921 |
| Sampler: | WYCOTTE, TOMMY |
| Collection Date: | 2022-09-21 |
| Receiving Date/Time: | 2022-09-22 11:30 |
| Analysis Start Date/Time: | 2022-09-22 13:00 |
| Analysis End Date/Time: | 2022-09-23 13:00 |
| Reported Date/Time: | 2022-09-23 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 | 16563 | <1 | <1 | |
| 2 | .01 Sugar Cane Health Centre | 15976 | 16564 | <1 | <1 | |
| 3 | .04 Chief Will-Yum Store | 15465 | 16565 | <1 | <1 | |
| 4 | .17 New WLFN Administration Building | 21163 | 16566 | <1 | <1 | |
| 5 | FRANCIS SUPERNAULT CWS KT | 15589 | 16567 | <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 | 2022-09-21 9:08 | 27:52 | 0.35 | 0.47 | |
| 2 | .01 Sugar Cane Health Centre | Sugar Cane Williams Lake CWS | 2022-09-21 9:35 | 27:25 | 0.23 | 0.36 | |
| 3 | .04 Chief Will-Yum Store | Sugar Cane Williams Lake CWS | 2022-09-21 10:39 | 26:21 | 0.39 | 0.52 | |
| 4 | .17 New WLFN Administration Building | Sugar Cane Williams Lake CWS | 2022-09-21 12:37 | 24:23 | 0.32 | 0.47 | |
| 5 | FRANCIS SUPERNAULT CWS KT | Sugar Cane Williams Lake CWS | 2022-09-21 13:58 | 23:02 | 0.42 | 0.60 | |

4. Note To Clients:

| | | | |
|---|-----------------------------|-----|---|
| A | Sample/s Temperature (°C) : | 7.5 | |
| 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 | 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.

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
Date of Collection: 21 09 2022

| 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) Yes <input checked="" type="radio"/> No <input type="radio"/> free: total: | FOR LAB USE ONLY (DO NOT WRITE IN THIS SECTION) |
|---|---|--|---|--|
| 1. 477-15463 | 9:08 am | OTM office, CWS, .K.T. | Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.35 total: 0.47 | WWTL 16563 |
| 2. 477-15976 | 9:35 am | Health Centre, .C.W.S., .K.T. | Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.23 total: 0.36 | WWTL 16564 |
| 3. 477-15465 | 10:39 am | Chief Will Yum Store, .C.W.S. .B.T. | Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.39 total: 0.52 | WWTL 16565 |
| 4. 477-21163 | 12:37 pm | New Admin. Building, .C.W.S. .K.T. | Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.32 total: 0.47 | WWTL 16566 |
| 5. 477-15589 | 1:58 pm | Francis Supernault, .C.W.S. .K.T. | Yes <input checked="" type="radio"/> No <input type="radio"/> free: 0.42 total: 0.60 | WWTL 16567 |
| 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: AG

Date: 22 Sep 22

Time: 11:30

Temperature: 7.5°C

Note: