

Water Quality Testing Results for Williams and Colpitt Lake 1980-2025

**Metals**

|                                              |           | Aluminum | Antimony | Arsenic | Barium | Boron  | Cadmium | Calcium | Chromium | Copper | Iron   | Lead   | Magnesium | Manganese | Potassium | Selenium | Sodium | Uranium | Zinc   |
|----------------------------------------------|-----------|----------|----------|---------|--------|--------|---------|---------|----------|--------|--------|--------|-----------|-----------|-----------|----------|--------|---------|--------|
|                                              |           | (µg/L)   | (µg/L)   | (µg/L)  | (µg/L) | (µg/L) | (µg/L)  | (mg/L)  | (µg/L)   | (µg/L) | (µg/L) | (µg/L) | (mg/L)    | (µg/L)    | (mg/L)    | (µg/L)   | (mg/L) | (µg/L)  | (µg/L) |
| Max acceptable level in drinking water       |           |          | 6        | 10      | 1000   | 5000   | 5       |         | 50       | 1000   | 300    | 10     |           | 50        |           | 10       | 200    | 20      | 5000   |
| USA EPA max level for aquatic life           |           |          |          | 340     |        |        | 1.8     |         | 570      |        | -      | 65     |           |           |           |          |        |         | 120    |
| USA EPA chronic level limit for aquatic life |           |          |          | 150     |        |        | 0.72    |         | 74       |        | 1000   | 2.5    |           |           |           |          |        |         | 120    |
| Sampling Site                                | Date      |          |          |         |        |        |         |         |          |        |        |        |           |           |           |          |        |         |        |
| Williams Lake                                | Apr 14/80 |          |          |         |        |        |         | 4.2     |          |        |        |        | 1.1       |           | 1.0       |          | 26.0   |         |        |
| Williams Lake                                | Apr 16/91 | 190      |          | 0.9     |        |        | 0.14    | 4.8     |          | 0.6    | 69     | 1.2    | 1.0       | 29        | 0.9       |          | 28.3   | 0.022   | 7      |
| Williams Lake                                | Nov 13/97 | 45       |          |         | 11     | <10    | <3      | 5.8     | <5       | <3     | 72     | <2     | 1.0       | 24        | 1.0       |          | 37.9   |         | 9      |
| Williams Lake - dam end                      | Aug 8/08  | 39       | <2       | <2      | 14     | 8      | <1      | 7.2     | <2       | <2     | 51     | <2     | 1.2       | 28        | 1.0       | <2       | 42.9   | <2      | 10     |
| Williams Lake - dam end                      | Aug 3/15  | 39       | <2       | <2      | 13     | 6      | <1      | 7.1     | <2       | <2     | 64     | <2     | 1.1       | 26        | 0.9       | <2       | 43.1   | <2      | <5     |
| Williams Lake - dam end                      | Aug 1/16  | 36       | <2       | <2      | 11     | 7      | <1      | 6.4     | <2       | <2     | <50    | <2     | 1.0       | 26        | 0.9       | <2       | 34.6   | <2      | <5     |
| Williams Lake - dam end                      | Jul 23/17 | 44       | <2       | <2      | 12     | 8      | <1      | 6.0     | <2       | <2     | 126    | <2     | 1.0       | 37        | 0.9       | <2       | 35.2   | <2      | 5      |
| Williams Lake - dam end                      | Aug 1/18  | 26       | <2       | 0.6     | 12     | <20    | <1      | 5.7     | <2       | <2     | 60     | <0.5   | 1.1       | 34        | 0.9       | <2       | 36.4   | <0.5    | <5     |
| Williams Lake - dam end                      | Jul 29/19 | 112      | <2       | 0.9     | 11     | <20    | <1      | 5.3     | <2       | <2     | 265    | 0.7    | 0.9       | 58        | 0.9       | <2       | 35.5   | <0.5    | 6      |
| Williams Lake - dam end                      | Jul 30/20 | 39       | <1       | <1.0    | 11     | <50    | 0.01    | 5.7     | <1.0     | 1.5    | 74     | <0.5   | 1.0       | 35        | 0.8       | <0.50    | 33.0   | <0.1    | <5     |
| Williams Lake - dam end                      | Jul 29/21 | 42       | <1       | <1.0    | 13     | <50    | 0.01    | 5.1     | <1.0     | 4.3    | 100    | <0.5   | 0.9       | 20        | 0.8       | <0.50    | 29.0   | <0.1    | <5     |
| Williams Lake - dam end                      | Jul 27/22 | 54       | <1       | <1.0    | 9      | <50    | 0.02    | 6.0     | <1.0     | 3.6    | 110    | <0.5   | 0.9       | 14        | 1.0       | <0.50    | 40.0   | <0.1    | 6      |
| Williams Lake - dam end                      | Aug 2/23  | 85       | <1       | <1.0    | 8      | <50    | <0.01   | 5.0     | <1.0     | 2.0    | 190    | <0.5   | 0.8       | 37        | 0.8       | <0.50    | 31.0   | 0.1     | 5      |
| Williams Lake - dam end                      | Jul 29/24 | 26       | <1       | <1.0    | 6      | <50    | <0.01   | 5.7     | <1.0     | 3.5    | 64     | <0.5   | 0.9       | 26        | 0.9       | <0.50    | 33.0   | <0.1    | <5     |
| Williams Lake - dam end                      | Jul 28/25 | 33       | <1       | <1.0    | 9.8    | <50    | <0.01   | 6.6     | <1.0     | 1.6    | 76     | <0.5   | 1.1       | 18        | 0.9       | <0.50    | 42.0   | <0.1    | <5     |
| Williams Lake - Wlm Lake Rd end              | Aug 7/08  | 343      | <2       | <2      | 42     | 19     | <1      | 20.0    | <2       | 2      | 137    | <2     | 4.2       | 761       | 2.1       | <2       | 40.7   | <2      | 207    |
| Williams Lake - Wlm Lake Rd end              | Aug 3/15  | 121      | <2       | <2      | 26     | 14     | <1      | 11.5    | <2       | <2     | 376    | <2     | 2         | 54        | 1.5       | <2       | 48.4   | <2      | 18     |
| Williams Lake - Wlm Lake Rd end*             | Aug 1/16  | 60       | <2       | <2      | 32     | 16     | <1      | 14.3    | <2       | <2     | 449    | <2     | 2.3       | 37        | 1.8       | <2       | 58.5   | <2      | 6      |
| Williams Lake - Wlm Lake Rd end              | Jul 23/17 | 114      | <2       | <2      | 25     | 14     | <1      | 9.5     | <2       | 2      | 1073   | <2     | 1.7       | 60        | 1.1       | <2       | 42.6   | <2      | 10     |
| Williams Lake - Wlm Lake Rd end              | Aug 1/18  | 70       | <2       | 1       | 30     | <20    | <1      | 10.9    | <2       | <2     | 631    | 1      | 1.9       | 54        | 1.4       | <2       | 48.4   | <5      | 8      |
| Williams Lake - Wlm Lake Rd end              | Jul 29/19 | 110      | <2       | 2.4     | 31     | <20    | <1      | 9.9     | <2       | <2     | 1176   | 1.6    | 1.6       | 118       | 1.2       | 12       | 39.3   | <0.5    | 7      |
| Williams Lake - Wlm Lake Rd end              | Jul 30/20 | 56       | <1       | 1.2     | 40     | <50    | 0.01    | 14.0    | <1.0     | 3.6    | 640    | 0.9    | 2.4       | 56        | 1.9       | <0.50    | 56.0   | <0.1    | 13     |
| Williams Lake - Wlm Lake Rd end              | Jul 29/21 | 63       | <1       | 1.1     | 38     | <50    | 0.01    | 13.0    | <1.0     | 2.9    | 670    | 0.6    | 2.3       | 76        | 1.8       | <0.50    | 56.0   | <0.1    | 6      |
| Williams Lake - Wlm Lake Rd end              | Jul 27/22 | 67       | <1       | <1.0    | 21     | <50    | 0.01    | 9.9     | <1.0     | 2.0    | 730    | 0.6    | 1.7       | 46        | 1.5       | <0.50    | 45.0   | <0.1    | 8      |
| Williams Lake - Wlm Lake Rd end              | Aug 2/23  | 98       | <1       | <1.0    | 15     | <50    | 0.01    | 7.8     | <1.0     | 2.5    | 480    | <0.5   | 1.3       | 40        | 1.3       | <0.50    | 33.0   | <0.1    | 11     |
| Williams Lake - Wlm Lake Rd end              | Jul 29/24 | 77       | <1       | 1.4     | 29     | <50    | <0.01   | 12.0    | <1.0     | 1.5    | 690    | 0.7    | 2         | 62        | 1.9       | <0.50    | 49.0   | <0.1    | 5      |
| Williams Lake - Wlm Lake Rd end              | Jul 28/25 | 100      | <1       | 1.1     | 27     | <50    | 0.02    | 11.0    | <1.0     | 2.4    | 730    | 0.6    | 2         | 70        | 1.4       | <0.50    | 54.0   | <0.1    | 9.6    |
| Williams Lake - near Causeway                | Aug 3/15  | 19       | <2       | <2      | 24     | 10     | <1      | 14.5    | <2       | <2     | 334    | <2     | 2.2       | 56        | 1.7       | <2       | 64.1   | <2      | <5     |
| Williams lake Corner Litchfield/Wyndroc      | Jul 29/21 | 43       | <1       | <1.0    | 9.2    | <50    | <0.01   | 5.4     | <1.0     | 2.4    | 110    | <0.5   | 1.0       | 20        | 0.8       | <0.50    | 30.0   | <0.1    | <5     |
| Colpitt (Colbart) Lake                       | Apr 14/80 |          |          |         |        |        |         | 3.4     |          |        |        |        | 1.0       |           | 0.8       |          | 21.0   |         |        |
| Colpitt (Colbart) Lake                       | Apr 16/91 | 276      |          | 0.1     |        |        | 0.1     | 5.2     |          | 2.7    | 120    | 1.9    | 0.8       | 24        | 0.9       |          | 47.5   | 0.2     | 20     |
| Colpitt Lake                                 | Nov 13/97 | 200      |          |         | 10     | <10    | <3      | 6.6     | <5       | <3     | 160    | <2.0   | 1.0       | 19        | 1.2       |          | 52.0   |         | 16     |
| Colpitt Lake                                 | Aug 7/08  | 400      | <2       | <2      | 11     | 8      | <1      | 6.4     | <2       | <2     | 541    | 2.0    | 0.9       | 70        | 1.0       | <2       | 51.5   | <2      | 14     |
| Colpitt Lake (Governor's Brook inflow)       | Aug 3/15  | 586      | <2       | <2      | 20     | 8      | <1      | 9.0     | <2       | 4      | 1015   | 6.0    | 1.1       | 146       | 1.0       | <2       | 60.7   | <2      | 21     |
| Colpitt Lake (Governor's Brook inflow)       | Aug 1/16  | 270      | <2       | <2      | 12     | 8      | <1      | 7.6     | <2       | <2     | 423    | 2.0    | 1.0       | 54        | 1.0       | <2       | 47.4   | <2      | 8      |
| Colpitt Lake (Governor's Brook inflow)       | Jul 23/17 | 265      | <2       | <2      | 13     | 8      | <1      | 6.7     | <2       | <2     | 285    | <2.0   | 0.9       | 38        | 0.9       | <2       | 44.9   | <2      | 7      |
| Colpitt Lake (Governor's Brook inflow)       | Aug 1/18  | 185      | <2       | 1       | 13     | <20    | <1      | 6.8     | <2       | 2      | 258    | 0.9    | 1.0       | 21        | 1.0       | <2       | 49.2   | <0.5    | 7      |
| Colpitt Lake (Governor's Brook inflow)       | Jul 29/19 | 307      | <2       | 2       | 11     | <20    | <1      | 6.2     | <2       | <2     | 341    | 1.5    | 0.8       | 38        | 0.9       | 9        | 43.0   | <0.5    | 7      |
| Colpitt Lake (Governor's Brook inflow)       | Jul 30/20 | 160      | <1       | <1.0    | 13     | <50    | 0.015   | 8.2     | <1.0     | 6.2    | 220    | 0.79   | 1.0       | 29        | 1.0       | <0.50    | 54.0   | 0.2     | 5.8    |
| Colpitt Lake (Governor's Brook inflow)       | Jul 29/21 | 180      | <1       | <1.0    | 11     | <50    | 0.014   | 7.1     | <1.0     | 3.1    | 220    | 0.72   | 1.0       | 26        | 0.9       | <0.50    | 47.0   | 0.3     | <5     |
| Colpitt Lake (Governor's Brook inflow)       | Jul 27/22 | 240      | <1       | <1.0    | 12     | <50    | 0.036   | 8.2     | <1.0     | 3.1    | 250    | 0.91   | 1.0       | 28        | 1.1       | <0.50    | 59.0   | 0.3     | 8      |
| Colpitt Lake (Governor's Brook inflow)       | Aug 2/23  | 370      | <1       | 1.2     | 10     | <50    | 0.021   | 6.1     | <1.0     | 2.9    | 370    | 1.2    | 0.8       | 32        | 0.9       | <0.50    | 39.0   | 0.4     | 10     |
| Colpitt Lake (Governor's Brook inflow)       | Jul 29/24 | 93       | <1       | <1.0    | 10     | <50    | <0.01   | 8.4     | <1.0     | 1.8    | 130    | <0.5   | 1.1       | 17        | 1.0       | <0.50    | 55.0   | 0.2     | <5     |
| Colpitt Lake (Governor's Brook inflow)       | Jul 28/25 | 130      | <1       | <1.0    | 14     | <50    | 0.01    | 9.3     | <1.0     | 3.2    | 220    | <0.5   | 1.1       | 27        | 1.0       | <0.50    | 67.0   | 0.2     | 6      |

Values noted in orange are those that seem to be a single sample that was possibly anomalously higher than expected.

Those in red are ones where there was a significantly higher level over earlier values

\*note water level very low at sampling site

\*note: samples in 2023 were taken 10 days after torrential rainstorm of July 21-22 that raised level of Williams Lake by 40 cm

Water Quality Testing Results for Williams and Colpitt Lake 1980-2025

Sampling Site

Miscellaneous Tests

|                                              |           | Hardness<br>(CaCO <sub>3</sub> )<br>(mg/L) | Conductivity<br>μS/cm | pH  | Turbidity<br>NTU | Alkalinity<br>(mg/L) | 3carbonate<br>(mg/L) | Carbonate<br>(mg/L) | Chloride<br>(mg/L) | Colour<br>TCU | Fluoride<br>(mg/L) | Nitrite<br>+Nitrate<br>(mg/mL) | Ammonia<br>(mg/L) | Sulfate<br>(mg/L) | Total<br>Dissolved<br>Solids TDS<br>(mg/L) | Total<br>Organic<br>Carbon<br>(mg/mL) | Total Coliform<br>MPN/100 mL | E. coli<br>/100 mL | Ortho<br>Phosphorus<br>Dissolved,mg/mL | Total<br>Phosphorus<br>mg/mL |
|----------------------------------------------|-----------|--------------------------------------------|-----------------------|-----|------------------|----------------------|----------------------|---------------------|--------------------|---------------|--------------------|--------------------------------|-------------------|-------------------|--------------------------------------------|---------------------------------------|------------------------------|--------------------|----------------------------------------|------------------------------|
|                                              |           |                                            |                       |     | 5                |                      |                      |                     | 250.0              | 15.0          | 1.5                | 10                             | 0.2               | 500               | 500                                        |                                       |                              |                    |                                        |                              |
|                                              |           |                                            |                       |     |                  |                      |                      |                     | 860.0              |               |                    |                                |                   |                   |                                            |                                       |                              |                    |                                        |                              |
|                                              |           |                                            |                       |     |                  |                      |                      |                     | 230.0              |               |                    |                                |                   |                   |                                            |                                       |                              |                    |                                        |                              |
| Max acceptable level in drinking water       |           |                                            |                       |     |                  |                      |                      |                     |                    |               |                    |                                |                   |                   |                                            |                                       |                              |                    |                                        |                              |
| USA EPA max level for aquatic life           |           |                                            |                       |     |                  |                      |                      |                     |                    |               |                    |                                |                   |                   |                                            |                                       |                              |                    |                                        |                              |
| USA EPA chronic level limit for aquatic life |           |                                            |                       |     |                  |                      |                      |                     |                    |               |                    |                                |                   |                   |                                            |                                       |                              |                    |                                        |                              |
| Sampling Site                                | Date      |                                            |                       |     |                  |                      |                      |                     |                    |               |                    |                                |                   |                   |                                            |                                       |                              |                    |                                        |                              |
| Williams Lake                                | Apr 14/80 | 0.5                                        | 136                   | 5.9 |                  | 0.53                 |                      |                     | 46.0               |               |                    | 0.1                            | 0.04              | 14.0              |                                            |                                       |                              |                    |                                        |                              |
| Williams Lake                                | Apr 16/91 | 2.0                                        | 176                   | 6.4 |                  | 2                    |                      |                     | 41.2               | 15.0          |                    | 0.17                           | 0.009             | 12.7              |                                            | 2.9                                   |                              |                    |                                        |                              |
| Williams Lake                                | Nov 13/97 | 3.0                                        | 238                   | 6.2 | 0.30             | 3                    | 3.0                  | <1                  | 56.2               |               |                    | <0.05                          | <0.05             | 12.0              |                                            | 2.2                                   |                              |                    |                                        |                              |
| Williams Lake - dam end                      | Aug 8/08  | 22.9                                       | 301                   | 6.5 | 0.37             | 3.6                  | 3.6                  | 0.00                | 72.0               | 8.9           | <0.10              | <0.05                          | <0.05             | 16.0              | 152.5                                      | 3.5                                   | 498                          | 8                  |                                        |                              |
| Williams Lake - dam end                      | Aug 3/15  | 22.2                                       | 285                   | 7.0 | 0.86             | 3.8                  |                      |                     | 74.1               | 22.3          | <0.20              | <0.01                          | 0.02              | 10.2              | 160.0                                      | 3.8                                   | 821                          | 4                  |                                        |                              |
| Williams Lake - dam end                      | Aug 1/16  | 20.1                                       | 240                   | 7.1 | 0.74             | 5                    |                      |                     | 59.0               | 8.8           | <0.20              | <0.01                          | <0.01             | 10.4              | 135.0                                      | 3.9                                   | 582                          | 0                  |                                        |                              |
| Williams Lake - dam end                      | Jul 23/17 | 19.1                                       | 227                   | 7.0 | 0.51             | 5.2                  |                      |                     | 55.9               | 14.2          | <0.20              | >0.01                          | <0.01             | 9.9               | 136.0                                      | 3.7                                   | 922                          | <2                 |                                        |                              |
| Williams Lake - dam end                      | Aug 1/18  | 18.8                                       | 230                   | 7.0 | 0.53             | 4.4                  |                      |                     | 57.8               | 8.0           | <0.20              | <0.01                          | 0.02              | 9.9               | 129                                        | 4.1                                   | 821                          | 0                  |                                        |                              |
| Williams Lake - dam end                      | Jul 29/19 | 16.9                                       | 220                   | 7.0 | 1.70             | 4.4                  |                      |                     | 54.3               | 19.2          | <0.20              | <0.02                          | <0.02             | <10.0             | 112                                        | 5.1                                   | 1733                         | 2                  | <0.002                                 | 0.007                        |
| Williams Lake - dam end                      | Jul 30/20 | 18.0                                       | 240                   | 6.9 | 2.10             | 7.3                  | 7.3                  | <1.0                | 58.0               | 8.4           |                    | <0.05                          | <0.05             | 11.0              | 120                                        | 3.4                                   | 3                            | <1.0               | <0.010                                 | <0.1                         |
| Williams Lake - dam end                      | Jul 29/21 | 16.0                                       | 200                   | 6.9 | 0.76             | 8.5                  | 8.5                  | <1.0                | 49.0               | 9.8           |                    | <0.05                          | 0.074             | 9.3               | 100                                        | 4.1                                   | 17                           | 2                  | <0.010                                 | <0.1                         |
| Williams Lake - dam end                      | Jul 27/22 | 5.2                                        | 280                   | 6.8 | 1.20             | 5.2                  |                      |                     | 67.0               | 16.0          |                    | <0.05                          | <0.05             | 9.0               | 130                                        | 4.4                                   | 16                           | 6                  | <0.010                                 | <0.1                         |
| Williams Lake - dam end                      | Aug 2/23  | 16.0                                       | 200                   | 6.9 | 0.59             | 6.2                  | 6.1                  | <1.0                | 48.0               | 35.0          |                    | <0.05                          | <0.05             | 8.6               | 99                                         | 5.9                                   | 100                          | <1.0               | <0.010                                 | <0.1                         |
| Williams Lake - dam end                      | Jul 29/24 | 18.0                                       | 230                   | 6.8 | 0.61             | 5.9                  | 5.9                  | <1.0                | 52.0               | 11.0          |                    | <0.05                          | <0.05             | 8.2               | 100                                        | 4.1                                   | 60                           | 4                  | <0.010                                 | <0.1                         |
| Williams Lake - dam end                      | Jul 28/25 | 21.0                                       | 280                   | 6.9 | 0.77             | 5.9                  | 5.9                  | <1.0                | 66.0               | 15.0          |                    | <0.05                          | 0.06              | 8.3               | 130                                        | 4.4                                   | <10                          | <10                | <0.010                                 | <0.1                         |
| Williams Lake - Wlm Lake Rd end              | Aug 7/08  | 67.2                                       | 401                   | 6.1 | 2.33             | 3.7                  | 3.7                  | 0.00                | 65.0               | 17.0          | <0.10              | 0.33                           | <0.05             | 68.0              | 223                                        | 3.5                                   | 870                          | 8                  |                                        |                              |
| Williams Lake - Wlm Lake Rd end              | Aug 3/15  | 36.9                                       | 350                   | 7.2 | 1.65             | 7.8                  |                      |                     | 81.8               | 48.0          | <0.20              | 0.34                           | <0.01             | 21.0              | 196                                        | 4.5                                   | 374                          | 14                 |                                        |                              |
| Williams Lake - Wlm Lake Rd end*             | Aug 1/16  | 45.1                                       | 420                   | 7.4 | 2.08             | 13.1                 |                      |                     | 99.4               | 15.8          | <0.20              | <0.01                          | 0.01              | 22.1              | 236                                        | 4.1                                   | 2599                         | 177                |                                        |                              |
| Williams Lake - Wlm Lake Rd end              | Jul 23/17 | 30.7                                       | 288                   | 7.3 | 1.98             | 11.9                 |                      |                     | 63.5               | 58.6          | <0.20              | 0.04                           | 0.03              | 19.7              | 169                                        | 5.2                                   | 1733                         | 27                 |                                        |                              |
| Williams Lake - Wlm Lake Rd end              | Aug 1/18  | 35                                         | 340                   | 7.4 | 1.89             | 13.8                 |                      |                     | 78.2               | 35.4          | <0.20              | 0.02                           | 0.02              | 19.1              | 178                                        | 5.3                                   | 3106                         | 17                 |                                        |                              |
| Williams Lake - Wlm Lake Rd end              | Jul 29/19 | 31.3                                       | 281                   | 7.3 | 1.92             | 15.4                 |                      |                     | 60.9               | 57.3          | <0.20              | <0.02                          | 0.12              | 16.6              | 141                                        | 7.2                                   | >4838                        | 65                 |                                        |                              |
| Williams Lake - Wlm Lake Rd end              | Jul 30/20 | 45.0                                       | 410                   | 6.8 | 1.80             | 16.0                 | 16.0                 | <1.0                | 110.0              | 49.0          |                    | 0.058                          | 0.30              | 26.0              | 230                                        | 5.4                                   | >250                         | 92                 | <0.010                                 | <0.1                         |
| Williams Lake - Wlm Lake Rd end              | Jul 29/21 | 16.0                                       | 200                   | 6.9 | 0.76             | 21.0                 | 8.5                  | <1.0                | 87.0               | 33.0          |                    | <0.05                          | 0.11              | 9.3               | 200                                        | 4.1                                   | 170                          | 12                 | <0.010                                 | <0.1                         |
| Williams Lake - Wlm Lake Rd end              | Jul 27/22 | 16.0                                       | 330                   | 7.1 | 2.40             | 16.0                 |                      |                     | 73.0               | 51.0          |                    | <0.05                          | <0.05             | 17.0              | 160                                        | 6.3                                   | 460                          | 70                 | <0.010                                 | <0.1                         |
| Williams Lake - Wlm Lake Rd end              | Aug 2/23  | 25.0                                       | 230                   | 7.0 | 1.10             | 13.0                 | 13.0                 | <1.0                | 46.0               | 53.0          |                    | <0.05                          | <0.05             | 17.0              | 120                                        | 7.6                                   | 72                           | 10                 | <0.010                                 | <0.1                         |
| Williams Lake - Wlm Lake Rd end              | Jul 29/24 | 38.0                                       | 350                   | 6.8 | 4.00             | 14.0                 | 14.0                 | <1.0                | 74.0               | 38.0          |                    | <0.05                          | <0.05             | 15.0              | 170                                        | 6.0                                   | 130                          | 13                 | <0.010                                 | <0.1                         |
| Williams Lake - Wlm Lake Rd end              | Jul 28/25 | 36.0                                       | 390                   | 6.9 | 4.50             | 7.8                  | 7.8                  | <1.0                | 89.0               | 46.0          |                    | <0.05                          | <0.05             | 14.0              | 180                                        | 8.6                                   | 450                          | 60                 | <0.010                                 | <0.1                         |
| Williams Lake - near Causeway                | Aug 3/15  | 45.2                                       | 446                   | 7.3 | 1.06             | 9.0                  |                      |                     | 116.0              | 27.3          | <0.20              | <0.01                          | 0.03              | 14.7              | 245                                        | 3.5                                   | 1226                         | 6                  |                                        |                              |
| Williams lake Corner Litchfield/Wyndrock     | Jul 29/21 | 18                                         | 200                   | 6.8 | 0.74             | 8.8                  | 8.8                  | <1.0                | 49.0               | 8.7           | 0.062              | <0.05                          | 0.062             | 8.5               | 100                                        | 4                                     | 39                           | 4                  | 0.014                                  | <0.1                         |
| Colpitt (Colbart) Lake                       | Apr 14/80 | 0.02                                       | 108.8                 | 4.9 |                  | 0.02                 |                      |                     | 36.0               |               |                    | 0.06                           | 0.02              | 11.9              |                                            |                                       |                              |                    |                                        |                              |
| Colpitt (Colbart) Lake                       | Apr 16/91 | 0.5                                        | 275                   | 5.6 |                  | 0.5                  |                      |                     | 74.8               | 30.0          |                    | 0.14                           | 0.001             | 12.3              |                                            | 4.4                                   |                              |                    |                                        |                              |
| Colpitt Lake                                 | Nov 13/97 | 2.0                                        | 291                   | 5.5 | 0.40             | 2.0                  | 2.0                  | <1.0                | 74.5               |               |                    | <0.05                          | <0.05             | 16.0              |                                            | 5.8                                   |                              |                    |                                        |                              |
| Colpitt Lake                                 | Aug 7/08  | 19.7                                       | 337                   | 6.3 | 1.40             | 3.3                  | 3.3                  | 0.00                | 84.0               | 65.0          | <0.1               | <0.05                          | <0.05             | 13.0              | 185                                        | 9.6                                   | 821                          | 39                 |                                        |                              |
| Colpitt Lake (Governor's Brook inflow)       | Aug 3/15  | 27.0                                       | 388                   | 6.8 | 5.10             | 3.7                  |                      |                     | 102.0              | 100.0         | <0.2               | 0.02                           | 0.01              | 12.2              | 595                                        | 9.5                                   | 1298                         | 53                 |                                        |                              |
| Colpitt Lake (Governor's Brook inflow)       | Aug 1/16  | 23.1                                       | 309                   | 7.0 | 3.42             | 4.9                  |                      |                     | 78.2               | 52.8          | <0.2               | <0.01                          | <0.01             | 11.3              | 174                                        | 7.2                                   | >4838                        | 13                 |                                        |                              |
| Colpitt Lake (Governor's Brook inflow)       | Jul 23/17 | 20.4                                       | 279                   | 6.8 | 1.88             | 4.3                  |                      |                     | 70.9               | 71.7          | <0.2               | <0.01                          | <0.01             | 9.6               | 173                                        | 8.8                                   | 1226                         | 4                  |                                        |                              |
| Colpitt Lake (Governor's Brook inflow)       | Aug 1/18  | 21.1                                       | 299                   | 7.0 | 1.37             | 4.7                  |                      |                     | 77.4               | 47.8          | <0.2               | <0.01                          | 0.02              | 10.6              | 169                                        | 8.8                                   | 1298                         | 8                  |                                        |                              |
| Colpitt Lake (Governor's Brook inflow)       | Jul 29/19 | 18.8                                       | 266                   | 6.9 | 2.56             | 4.6                  |                      |                     | 67.8               | 86.0          | <0.2               | <0.02                          | <0.02             | <10.0             | 141                                        | 10.9                                  | 731                          | 17                 | <0.002                                 | 0.012                        |
| Colpitt Lake (Governor's Brook inflow)       | Jul 30/20 | 25.0                                       | 370                   | 6.8 | 2.20             | 7.7                  | 7.7                  | <1.0                | 98.0               | 42.0          |                    | 0.05                           | <0.05             | 12.0              | 180                                        | 6.5                                   | >250                         | 24                 | <0.010                                 | <0.1                         |
| Colpitt Lake (Governor's Brook inflow)       | Jul 29/21 | 22.0                                       | 290                   | 6.8 | 1.70             | 9.0                  | 9.0                  | <1.0                | 75.0               | 44.0          | 0.064              | <0.05                          | <0.05             | 9.9               | 150                                        | 7.6                                   | 180                          | 10                 | <0.010                                 | <0.1                         |
| Colpitt Lake (Governor's Brook inflow)       | Jul 27/22 | 5.9                                        | 400                   | 6.8 | 1.50             | 5.9                  |                      |                     | 100.0              | 70.0          |                    | <0.05                          | <0.05             | 11.0              | 190                                        | 8.6                                   | 870                          | 40                 | <0.010                                 | <0.1                         |
| Colpitt Lake (Governor's Brook inflow)       | Aug 2/23  | 19.0                                       | 240                   | 6.7 | 2.30             | 5.1                  | 5.10                 | <1.0                | 58.0               | 150.0         |                    | 0.07                           | 0.059             | 11.0              | 120                                        | 13.0                                  | 70                           | 17                 | <0.010                                 | <0.1                         |
| Colpitt Lake (Governor's Brook inflow)       | Jul 29/24 | 25.0                                       | 350                   | 6.7 | 0.86             | 5.9                  | 5.90                 | <1.0                | 84.0               | 34.0          |                    | <0.05                          | <0.05             | 10.0              | 170                                        | 6.0                                   | 68                           | 10                 | <0.010                                 | <0.1                         |
| Colpitt Lake (Governor's Brook inflow)       | Jul 28/25 | 28.0                                       | 460                   | 6.9 | 1.20             | 4.8                  | 4.80                 | <1.0                | 110.0              | 57.0          |                    | <0.05                          | 0.059             | 11.0              | 200                                        | 7.7                                   | 40                           | <10                | <0.010                                 | <0.1                         |

MPN = most probable number