



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)                               | Source Name                             | Sample Date  | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron  | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |
|--|---|--------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|-------|-------|-----------|-----------|---------|--------|----------|---------|-------|
|  |   |              | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L  | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  |
| Guidelines for Canadian Drinking Water Quality |   |              |         |      | 10           |                   |                  |          | 0.006    | 0.01    | 1.0    | 0.005   | 0.05     | 1.0    | 0.3   | 0.01  |           | 0.05      | 0.001   |        | 0.01     | 0.02    | 5.0   |
| Aesthetic (A) or Contaminant (C) Parameter     |   |              |         |      | C            |                   |                  |          | C        | C       | C      | C       | C        | A      | A     | C     |           | A         | C       |        | C        | C       | A     |
| <b>Anchor Point</b>                            |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Anchor Point                                   | Well Cove Brook                         | Jun 07, 2017 | LTD     | 5.4  | LTD          | 0.160             | LTD              | 0.012    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.020  | 0.065 | LTD   | 8.700     | 0.015     | 0.00002 | LTD    | LTD      | LTD     | LTD   |
| <b>Appleton</b>                                |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Appleton (+Glenwood)                           | Gander Lake (The Outflow)               | May 29, 2017 | 0.055   | 5.9  | 0.130        | 0.170             | LTD              | 0.092    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.280  | 0.088 | 0.001 | 0.630     | 0.010     | LTD     | LTD    | LTD      | LTD     | 0.014 |
| <b>Aquaforte</b>                               |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Aquaforte                                      | Davies Pond                             | Jun 20, 2017 | LTD     | 3.4  | 0.054        | 0.160             | 0.005            | 0.098    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.011  | 0.088 | LTD   | 0.580     | 0.005     | LTD     | LTD    | LTD      | LTD     | 0.013 |
| <b>Arnold's Cove</b>                           |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Arnold's Cove                                  | Steve's Pond (2 Intakes)                | May 16, 2017 | LTD     | 4.3  | 0.051        | 0.120             | 0.004            | 0.066    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.074  | 0.110 | 0.001 | 0.810     | 0.023     | LTD     | LTD    | LTD      | LTD     | 0.015 |
| <b>Avondale</b>                                |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Avondale                                       | Lee's Pond                              | Jun 21, 2017 | LTD     | 2.6  | 0.054        | LTD               | 0.005            | 0.066    | LTD      | LTD     | 0.004  | LTD     | LTD      | LTD    | LTD   | LTD   | 0.460     | 0.005     | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Badger</b>                                  |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Badger   | Well Field, 2 wells on standby          | Apr 10, 2017 | LTD     | LTD  | LTD          | LTD               | 0.009            | 0.008    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.091  | LTD   | LTD   | 1.700     | 0.025     | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Baie Verte</b>                              |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Baie Verte                                     | Southern Arm Pond                       | Apr 06, 2017 | LTD     | 6.7  | LTD          | 0.130             | LTD              | 0.120    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.086  | LTD   | 0.001 | 0.640     | LTD       | LTD     | LTD    | LTD      | LTD     | LTD   |
| Baie Verte                                     | Southern Arm Pond                       | Jun 19, 2017 | LTD     | 6.1  | 0.068        | 0.130             | LTD              | 0.130    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.240  | 0.060 | 0.003 | 0.530     | 0.004     | 0.00002 | LTD    | LTD      | LTD     | 0.006 |
| <b>Baine Harbour</b>                           |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Baine Harbour                                  | Baine Harbour Pond                      | May 29, 2017 | LTD     | 5.9  | LTD          | 0.170             | 0.005            | 0.150    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.048  | 0.098 | 0.001 | 0.400     | LTD       | LTD     | LTD    | LTD      | LTD     | 0.012 |
| <b>Bartletts Harbour</b>                       |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Bartletts Harbour                              | Long Pond (same as Castors River North) | Jun 07, 2017 | 0.052   | 6.4  | 0.061        | 0.210             | LTD              | 0.009    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.006  | LTD   | LTD   | 11.000    | LTD       | 0.00002 | LTD    | LTD      | LTD     | LTD   |
| <b>Bay L'Argent</b>                            |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Bay L'Argent                                   | Sugarloaf Hill Pond                     | May 31, 2017 | LTD     | 7.1  | LTD          | 0.180             | 0.007            | 0.200    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.018  | 0.160 | LTD   | 0.420     | 0.006     | LTD     | LTD    | LTD      | LTD     | 0.006 |
| <b>Bay Roberts</b>                             |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Bay Roberts, Spaniard's Bay                    | Rocky Pond                              | Jun 21, 2017 | LTD     | 1.5  | 0.058        | LTD               | LTD              | 0.015    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.220  | LTD   | 0.001 | 0.660     | 0.004     | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Bay de Verde</b>                            |   |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Bay de Verde                                   | Island Pond                             | Jun 07, 2017 | LTD     | 2.2  | 0.051        | LTD               | LTD              | 0.097    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.330  | 0.110 | 0.003 | 0.590     | 0.021     | 0.00001 | LTD    | LTD      | LTD     | 0.012 |

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### Nutrients and Metals

| Serviced Area(s)                               | Source Name           | Sample Date  | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |
|--|-----------------------|--------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|
|  |                       |              | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  |
| Guidelines for Canadian Drinking Water Quality |                       |              |         |      | 10           |                   |                  |          | 0.006    | 0.01    | 1.0    | 0.005   | 0.05     | 1.0    | 0.3          | 0.01  |           | 0.05         | 0.001   |        | 0.01     | 0.02    | 5.0   |
| Aesthetic (A) or Contaminant (C) Parameter     |                       |              |         |      | C            |                   |                  |          | C        | C       | C      | C       | C        | A      | A            | C     |           | A            | C       |        | C        | C       | A     |
| <b>Beaches</b>                                 |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Beaches  | Grassey Pond Brook    | Jun 08, 2017 | LTD     | 6.7  | LTD          | 0.130             | LTD              | 0.110    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.005  | 0.100        | LTD   | 0.460     | 0.006        | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Beachside</b>                               |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Beachside                                      | Long Pond             | Apr 11, 2017 | LTD     | 5.3  | 0.110        | 0.160             | LTD              | 0.092    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.028  | LTD          | LTD   | 0.890     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |
| Beachside                                      | Long Pond             | Jun 21, 2017 | LTD     | 5.1  | 0.094        | LTD               | LTD              | 0.100    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.024  | LTD          | LTD   | 0.780     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Bellburns</b>                               |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Bellburns                                      | Bound Brook Tributary | Jun 14, 2017 | LTD     | 4.1  | 0.071        | 0.120             | LTD              | 0.012    | LTD      | LTD     | 0.010  | LTD     | LTD      | 0.024  | LTD          | LTD   | 11.000    | LTD          | LTD     | LTD    | LTD      | LTD     | 0.011 |
| <b>Belleoram</b>                               |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Belleoram                                      | Rabbits Pond          | Apr 07, 2017 | LTD     | 4.0  | 0.061        | LTD               | 0.004            | 0.330    | LTD      | LTD     | 0.006  | 0.00003 | LTD      | 0.100  | 0.110        | LTD   | 1.100     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.017 |
| Belleoram                                      | Rabbits Pond          | May 30, 2017 | LTD     | 6.3  | LTD          | 0.140             | LTD              | 0.400    | LTD      | LTD     | 0.004  | 0.00001 | LTD      | 0.095  | 0.130        | 0.001 | 0.570     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.017 |
| <b>Bellevue</b>                                |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Bellevue                                       | Big Pond              | May 24, 2017 | LTD     | 4.2  | LTD          | 0.130             | LTD              | 0.054    | LTD      | LTD     | 0.012  | LTD     | LTD      | 0.020  | LTD          | 0.001 | 0.790     | 0.003        | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Bellevue Beach</b>                          |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Bellevue Beach                                 | Unnamed Brook         | May 24, 2017 | LTD     | 7.1  | 0.059        | 0.130             | 0.013            | 0.380    | LTD      | LTD     | 0.048  | 0.00002 | LTD      | 0.170  | 0.240        | 0.001 | 0.760     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.022 |
| <b>Benton</b>                                  |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Benton   | Little Pond           | Apr 13, 2017 | 0.330   | 14.0 | LTD          | 0.770             | 0.023            | 0.370    | LTD      | 0.005   | 0.008  | 0.00005 | LTD      | 0.025  | <u>8.500</u> | 0.001 | 0.890     | <u>0.720</u> | 0.00001 | LTD    | LTD      | LTD     | 0.013 |
| Benton   | Little Pond           | Apr 13, 2017 | 0.340   | 14.0 | LTD          | 0.720             | 0.023            | 0.370    | LTD      | 0.005   | 0.008  | 0.00005 | 0.00120  | 0.023  | <u>9.000</u> | 0.002 | 0.900     | <u>0.710</u> | 0.00002 | LTD    | LTD      | LTD     | 0.013 |
| Benton   | Little Pond           | Jun 01, 2017 | LTD     | 6.1  | LTD          | 0.190             | 0.006            | 0.150    | LTD      | LTD     | 0.004  | 0.00002 | LTD      | 0.037  | <u>0.470</u> | 0.001 | 0.390     | <u>0.062</u> | LTD     | LTD    | LTD      | LTD     | 0.016 |
| <b>Birchy Bay</b>                              |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Birchy Bay                                     | Jumper's Pond         | Apr 11, 2017 | LTD     | 5.9  | 0.120        | 0.200             | 0.006            | 0.053    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.290  | 0.180        | 0.001 | 1.000     | 0.011        | LTD     | LTD    | LTD      | LTD     | 0.006 |
| Birchy Bay                                     | Jumper's Pond         | Jun 13, 2017 | LTD     | 6.2  | LTD          | 0.220             | 0.005            | 0.055    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.330  | 0.100        | 0.002 | 0.460     | 0.006        | 0.00002 | LTD    | LTD      | LTD     | 0.029 |
| <b>Bird Cove</b>                               |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |
| Bird Cove (+Brig Bay)                          | Inner Gilmour Pond    | Jun 07, 2017 | LTD     | 5.9  | LTD          | 0.170             | LTD              | 0.010    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.045  | 0.057        | LTD   | 7.700     | 0.004        | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Biscay Bay</b>                              |                       |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |



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### Nutrients and Metals

| Serviced Area(s)               | Source Name                        | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|--------------------------------|------------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                |                                    |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                |                                    |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01         |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|                                |                                    |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | A     | A         | C            |         | A      | C        |         | C     | C    | A   |
| <b>Biscay Bay</b>              |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Biscay Bay                     | Unnamed Pond                       | Jun 20, 2017 | LTD  | 3.1  | 0.067        | 0.140             | LTD              | 0.140    | LTD      | LTD     | 0.001  | 0.00002 | LTD      | 0.200  | LTD          | 0.001 | 0.980     | 0.017        | LTD     | LTD    | LTD      | LTD     | 0.018 |      |     |
| <b>Bishop's Falls</b>          |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Bishop's Falls                 | Northern Arm Lake                  | Apr 10, 2017 | LTD  | 1.6  | 0.073        | LTD               | LTD              | 0.550    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.140  | 0.060        | LTD   | 0.590     | 0.035        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Bishop's Falls                 | Northern Arm Lake                  | Jun 08, 2017 | LTD  | 1.4  | LTD          | 0.110             | LTD              | 0.640    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.002  | 0.087        | LTD   | 0.250     | <u>0.085</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Black Duck Cove</b>         |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Black Duck Cove                | Long Pond - Black Duck Cove Intake | Jun 07, 2017 | 0.053  | 5.2  | 0.060        | 0.240             | LTD              | 0.010    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.015  | LTD          | LTD   | 7.400     | 0.003        | 0.00002 | LTD    | LTD      | LTD     | 0.010 |      |     |
| <b>Bonavista</b>               |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Bonavista                      | Long Pond                          | Jun 13, 2017 | 0.098  | 3.7  | LTD          | LTD               | LTD              | 0.100    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.014  | 0.150        | LTD   | 0.550     | 0.017        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Botwood</b>                 |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Botwood                        | Northern Arm Lake                  | Apr 11, 2017 | LTD  | 1.4  | 0.073        | LTD               | 0.005            | 0.360    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.016  | 0.140        | LTD   | 0.630     | 0.022        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Botwood                        | Northern Arm Lake                  | Jun 08, 2017 | LTD  | 1.4  | LTD          | 0.120             | LTD              | 0.650    | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | 0.150        | LTD   | 0.210     | 0.012        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Branch</b>                  |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Branch                         | Valley Pond                        | Jun 13, 2017 | LTD  | 4.0  | 0.067        | 0.150             | 0.009            | 0.051    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.010  | 0.200        | 0.001 | 0.860     | 0.016        | LTD     | LTD    | LTD      | LTD     | 0.019 |      |     |
| <b>Brent's Cove</b>            |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Brent's Cove                   | Paddy's Pond                       | Apr 10, 2017 | 0.057  | 14.0 | 0.059        | 0.290             | 0.010            | 0.390    | LTD      | LTD     | 0.006  | 0.00003 | LTD      | 0.300  | <u>1.000</u> | 0.002 | 0.840     | <u>0.150</u> | 0.00001 | LTD    | LTD      | LTD     | 0.035 |      |     |
| Brent's Cove                   | Paddy's Pond                       | Jun 20, 2017 | LTD  | 11.0 | LTD          | 0.200             | 0.008            | 0.320    | LTD      | LTD     | 0.003  | 0.00002 | LTD      | 0.290  | <u>0.310</u> | 0.002 | 0.310     | 0.016        | LTD     | LTD    | LTD      | LTD     | 0.039 |      |     |
| <b>Brig Bay</b>                |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Brig Bay                       | Inner Gilmour Pond                 | Jun 07, 2017 | LTD  | 5.9  | LTD          | 0.170             | LTD              | 0.011    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.013  | 0.055        | LTD   | 7.500     | 0.004        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Brighton</b>                |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Brighton                       | Hynes Cove Pond                    | Apr 10, 2017 | LTD  | 5.8  | 0.140        | 0.170             | 0.008            | 0.079    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.036  | 0.080        | LTD   | 1.800     | 0.040        | LTD     | LTD    | LTD      | LTD     | 0.020 |      |     |
| Brighton                       | Hynes Cove Pond                    | Jun 02, 2017 | LTD  | 6.8  | LTD          | 0.240             | LTD              | 0.120    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.039  | 0.170        | 0.001 | 1.100     | 0.018        | LTD     | LTD    | LTD      | LTD     | 0.016 |      |     |
| <b>Brigus</b>                  |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Brigus (+Cupids, +South River) | Brigus Long Pond (to Brigus)       | Jun 13, 2017 | LTD  | 2.5  | LTD          | 0.120             | LTD              | 0.042    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.270  | LTD          | 0.001 | 0.690     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.015 |      |     |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                               | Source Name                 | Sample Date  | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |
|--|-----------------------------|--------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|
|  |                             |              | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |
| Guidelines for Canadian Drinking Water Quality |                             |              |         |      | 10           |                   |                  |          | 0.006    | 0.01    | 1.0    | 0.005   | 0.05     | 1.0    | 0.3          | 0.01  |           | 0.05         | 0.001   |        | 0.01     | 0.02    | 5.0   |      |
| Aesthetic (A) or Contaminant (C) Parameter     |                             |              |         |      | C            |                   |                  |          | C        | C       | C      | C       | C        | C      | A            | A     | C         |              | A       | C      |          | C       | C     | A    |
| <b>Buchans</b>                                 |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |
| Buchans  | Buchans Lake aka Sandy Lake | Apr 10, 2017 | LTD     | 5.0  | 0.092        | 0.160             | 0.006            | 0.100    | LTD      | LTD     | 0.005  | 0.00004 | LTD      | 0.220  | 0.180        | LTD   | 0.450     | 0.005        | LTD     | LTD    | LTD      | LTD     | 0.016 |      |
| Buchans  | Buchans Lake aka Sandy Lake | Jun 07, 2017 | LTD     | 4.2  | 0.058        | 0.160             | LTD              | 0.095    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.410  | 0.180        | 0.002 | 0.220     | 0.012        | LTD     | LTD    | LTD      | LTD     | 0.029 |      |
| Buchans - PWDU                                 | Buchans Lake aka Sandy Lake | Apr 10, 2017 | LTD     | 4.2  | 0.095        | 0.160             | LTD              | 0.091    | LTD      | LTD     | 0.004  | LTD     | 0.00180  | 0.008  | 0.130        | LTD   | 0.420     | 0.003        | LTD     | LTD    | LTD      | LTD     | LTD   |      |
| Buchans - PWDU                                 | Buchans Lake aka Sandy Lake | Jun 07, 2017 | 0.066   | 3.4  | 0.069        | 0.150             | LTD              | 0.091    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.007  | 0.130        | LTD   | 0.190     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |
| <b>Buchans Junction</b>                        |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |
| Buchans Junction                               | Lapland Pond                | Apr 10, 2017 | LTD     | 7.9  | LTD          | 0.230             | 0.006            | 0.070    | LTD      | LTD     | 0.013  | 0.00001 | LTD      | 0.049  | <u>0.610</u> | 0.001 | 0.570     | <u>0.210</u> | LTD     | LTD    | LTD      | LTD     | 0.011 |      |
| Buchans Junction                               | Lapland Pond                | Jun 07, 2017 | LTD     | 5.1  | LTD          | 0.170             | LTD              | 0.041    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.023  | 0.120        | LTD   | 0.230     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |
| <b>Burgeo</b>                                  |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |
| Burgeo   | Long Pond                   | Jun 28, 2017 | LTD     | 6.3  | 0.170        | 0.150             | 0.009            | 0.170    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.095  | <u>0.320</u> | 0.002 | 0.530     | 0.013        | 0.00002 | 0.002  | LTD      | LTD     | 0.069 |      |
| <b>Burgoyne's Cove</b>                         |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |
| Burgoyne's Cove                                | Lower Rocky Pond            | Jun 13, 2017 | LTD     | 2.2  | LTD          | 0.110             | LTD              | 0.020    | LTD      | LTD     | 0.013  | LTD     | LTD      | 0.007  | LTD          | LTD   | 0.600     | 0.011        | LTD     | LTD    | LTD      | LTD     | LTD   |      |
| <b>Burin</b>                                   |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |
| Burin (+Lewin's Cove)                          | Big Pond                    | May 29, 2017 | LTD     | 4.0  | 0.055        | LTD               | LTD              | 0.071    | LTD      | LTD     | 0.007  | LTD     | LTD      | 0.250  | 0.079        | 0.001 | 0.940     | 0.011        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |
| Burin  | Long Pond                   | May 29, 2017 | LTD     | 3.2  | 0.100        | 0.110             | LTD              | 0.057    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.140  | LTD          | 0.001 | 0.850     | 0.002        | LTD     | LTD    | LTD      | LTD     | LTD   |      |
| Port au Bras                                   | Gripe Cove Pond             | May 29, 2017 | LTD     | 3.7  | LTD          | 0.100             | LTD              | 0.065    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.014  | LTD          | LTD   | 1.400     | 0.005        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |
| <b>Burlington</b>                              |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |
| Burlington                                     | Eastern Island Pond         | Apr 06, 2017 | LTD     | 11.0 | 0.061        | 0.200             | 0.004            | 0.370    | LTD      | LTD     | 0.006  | LTD     | 0.00120  | 0.071  | <u>0.320</u> | 0.001 | 0.780     | 0.006        | LTD     | LTD    | LTD      | 0.0001  | 0.008 |      |
| Burlington                                     | Eastern Island Pond         | Jun 19, 2017 | LTD     | 9.5  | 0.067        | 0.170             | 0.006            | 0.330    | LTD      | LTD     | 0.007  | LTD     | 0.00120  | 0.073  | 0.210        | 0.001 | 0.410     | 0.006        | LTD     | LTD    | LTD      | 0.0002  | 0.015 |      |
| <b>Burnt Islands</b>                           |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |
| Burnt Islands                                  | Long Lake                   | May 31, 2017 | LTD     | 5.3  | LTD          | 0.180             | LTD              | 0.200    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.150  | 0.190        | 0.007 | 0.530     | 0.018        | LTD     | LTD    | LTD      | LTD     | 0.049 |      |
| Burnt Islands - PWDU                           | Long Lake                   | May 31, 2017 | LTD     | LTD  | LTD          | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | 0.008  | LTD          | 0.001 | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | 0.054 |      |
| <b>Campbellton</b>                             |                             |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                                   | Source Name                           | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|--|---------------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|  |                                       |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|  |                                       |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01         |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|  |                                       |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       |       | C    | C   |
| <b>Campbellton</b>                                 |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Campbellton  | Indian Arm Brook                      | Apr 11, 2017 | LTD  | 5.8  | 0.130        | 0.130             | 0.005            | 0.099    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.057  | 0.110        | 0.001 | 0.740     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| Campbellton  | Indian Arm Brook                      | Jun 13, 2017 | LTD  | 5.2  | LTD          | 0.150             | 0.005            | 0.094    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.078  | 0.130        | 0.001 | 0.490     | 0.013        | LTD     | LTD    | LTD      | LTD     | 0.014 |      |     |
| <b>Cape Freels North</b>                           |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Cape Freels North                                  | Long Pond                             | May 30, 2017 | LTD  | 7.4  | 0.073        | 0.220             | 0.014            | 0.170    | LTD      | LTD     | 0.001  | 0.00002 | LTD      | 0.011  | <u>0.980</u> | 0.001 | 0.770     | 0.024        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| <b>Cape St. George</b>                             |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Cape St. George, Red Brook, De-Grau, Marches Point | Rouzes Brook                          | Jun 07, 2017 | LTD  | 0.9  | 0.200        | 0.130             | LTD              | 0.010    | LTD      | LTD     | 0.027  | LTD     | LTD      | 0.010  | LTD          | LTD   | 18.000    | LTD          | LTD     | LTD    | LTD      | 0.0002  | LTD   |      |     |
| <b>Carbonear</b>                                   |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Carbonear  | Island Pond / Flings Long Pond        | Jun 14, 2017 | LTD  | 2.5  | LTD          | LTD               | LTD              | 0.045    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.019  | 0.084        | LTD   | 0.600     | 0.008        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Carmanville</b>                                 |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Carmanville  | Grandfathers Pond                     | May 30, 2017 | LTD  | 4.4  | 0.056        | 0.160             | LTD              | 0.044    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.047  | 0.053        | LTD   | 0.800     | 0.006        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Castor River North</b>                          |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Castor River North                                 | Long Pond (same as Bartletts Harbour) | Jun 07, 2017 | LTD  | 6.5  | 0.057        | 0.200             | 0.004            | 0.011    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.003  | LTD          | LTD   | 11.000    | LTD          | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Castor River South</b>                          |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Castor River South                                 | Unnamed                               | Jun 30, 2017 | LTD  | 3.2  | 0.120        | LTD               | LTD              | 0.009    | LTD      | LTD     | 0.016  | LTD     | LTD      | 0.008  | LTD          | LTD   | 15.000    | LTD          | LTD     | LTD    | LTD      | 0.0001  | LTD   |      |     |
| <b>Cavendish</b>                                   |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Cavendish  | Long Pond                             | Jun 08, 2017 | LTD  | 3.4  | LTD          | LTD               | LTD              | 0.039    | LTD      | LTD     | LTD    | 0.00001 | LTD      | 0.005  | 0.052        | LTD   | 0.840     | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.005 |      |     |
| <b>Centreville-Wareham-Trinity</b>                 |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Centreville-Wareham                                | Northwest Pond                        | May 31, 2017 | LTD  | 5.3  | 0.051        | 0.160             | 0.004            | 0.079    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.260  | <u>0.520</u> | LTD   | 0.500     | <u>0.059</u> | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| Trinity  | Southwest Feeder Pond                 | May 31, 2017 | LTD  | 4.9  | LTD          | 0.100             | LTD              | 0.150    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.057  | 0.097        | LTD   | 0.420     | 0.007        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Chanceport</b>                                  |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Chanceport   | Bridger's Cove Pond                   | Apr 12, 2017 | 0.120  | 4.7  | 0.130        | 0.260             | 0.008            | 0.099    | LTD      | LTD     | 0.008  | LTD     | LTD      | 0.022  | <u>0.520</u> | LTD   | 6.200     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.011 |      |     |
| Chanceport   | Bridger's Cove Pond                   | Jun 14, 2017 | LTD  | 12.0 | LTD          | 0.290             | 0.008            | 0.190    | LTD      | LTD     | 0.002  | LTD     | LTD      | LTD    | <u>0.620</u> | LTD   | 1.400     | <u>0.093</u> | LTD     | LTD    | LTD      | LTD     | 0.014 |      |     |
| <b>Change Islands</b>                              |                                       |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                            | Source Name                        | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |      |     |
|---|------------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|------|-----|
|   |                                    |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |      |     |
|   |                                    |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   |       | 0.01 | 0.02 | 5.0 |
|   |                                    |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       |       | C    | C    | A   |
| <b>Change Islands</b>                       |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Change Islands - PWDU                       | #1 Fox Cove Well                   | Apr 19, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.006    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.006  | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Channel-Port aux Basques</b>             |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Channel-Port Aux Basques                    | Gull Pond & Wilcox Pond            | May 31, 2017 | 0.079  | 1.1  | LTD          | LTD               | LTD              | 0.110    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | LTD    | 0.078        | LTD   | 0.390     | 0.005        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |     |
| <b>Clarenville</b>                          |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Clarenville, Shoal Harbour                  | Shoal Harbour River                | Jun 13, 2017 | LTD  | 1.6  | 0.056        | LTD               | LTD              | 0.085    | LTD      | LTD     | 0.002  | LTD     | LTD      | LTD    | LTD          | LTD   | 0.380     | 0.003        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |      |     |
| <b>Clarke's Beach</b>                       |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Clarke's Beach                              | Clarke's Pond                      | Jun 16, 2017 | LTD  | 2.5  | LTD          | LTD               | LTD              | 0.032    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.014  | LTD          | LTD   | 0.610     | 0.004        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Come By Chance</b>                       |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Come By Chance                              | Butchers Brook                     | May 16, 2017 | LTD  | LTD  | LTD          | LTD               | 0.005            | 0.013    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.004  | LTD          | 0.001 | 0.270     | 0.007        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Comfort Cove-Newstead</b>                |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Comfort Cove-Newstead                       | Steady Cove Pond                   | Apr 11, 2017 | LTD  | 6.5  | 0.080        | 0.170             | 0.008            | 0.042    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.550  | 0.260        | 0.002 | 1.800     | <u>0.085</u> | LTD     | LTD    | LTD      | LTD     | 0.009 |      |      |     |
| Comfort Cove-Newstead                       | Steady Cove Pond                   | Jun 13, 2017 | LTD  | 5.3  | LTD          | 0.160             | 0.005            | 0.033    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.430  | 0.140        | 0.001 | 1.400     | <u>0.120</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Conception Bay South</b>                 |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Conception Bay South                        | Bay Bulls Big Pond                 | Jun 15, 2017 | 0.340  | 1.2  | 0.092        | 0.380             | LTD              | 0.050    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.030  | LTD          | LTD   | 0.560     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Conche</b>                               |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Conche                                      | Martin's Brook                     | Jun 05, 2017 | LTD  | 8.1  | 0.051        | 0.160             | 0.009            | 0.190    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.067  | <u>0.320</u> | 0.002 | 0.440     | 0.035        | 0.00002 | LTD    | LTD      | LTD     | 0.012 |      |      |     |
| <b>Conne River</b>                          |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Conne River                                 | Southwest Brook                    | Apr 07, 2017 | LTD  | 3.9  | LTD          | LTD               | LTD              | 0.085    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.005  | 0.210        | LTD   | 0.430     | 0.017        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Conne River                                 | Southwest Brook                    | May 29, 2017 | LTD  | 4.1  | LTD          | 0.120             | LTD              | 0.087    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.005  | 0.190        | LTD   | 0.330     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |     |
| <b>Cook's Harbour</b>                       |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Cook's Harbour                              | Unnamed Pond                       | Jun 06, 2017 | LTD  | 2.6  | LTD          | 0.150             | 0.004            | 0.012    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.110  | 0.053        | LTD   | 2.000     | 0.004        | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Corner Brook</b>                         |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Corner Brook (+Massey Drive, +Mount Moriah) | Trout Pond, Third Pond (2 intakes) | Jun 29, 2017 | LTD  | 1.2  | 0.076        | LTD               | 0.330            | 0.015    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.021  | LTD          | 0.002 | 1.400     | LTD          | LTD     | LTD    | LTD      | LTD     | 0.099 |      |      |     |
| <b>Cottlesville</b>                         |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                 | Source Name                  | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron  | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|----------------------------------|------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|-------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                  |                              |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L  | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                  |                              |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005 | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|                                  |                              |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C     | C     | A         | A            | C       |        | A        | C       | C     | C    | A   |
| <b>Cottlesville</b>              |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Cottlesville                     | Rushy Cove Pond              | Apr 12, 2017 | LTD  | 9.4  | 0.050        | 0.230             | 0.008            | 0.069    | LTD      | LTD     | 0.014  | LTD     | LTD      | 0.590  | 0.097 | 0.002 | 1.900     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.031 |      |     |
| Cottlesville                     | Rushy Cove Pond              | Jun 14, 2017 | LTD  | 8.1  | LTD          | 0.170             | LTD              | 0.064    | LTD      | LTD     | 0.012  | LTD     | LTD      | 0.085  | 0.091 | LTD   | 1.700     | 0.014        | 0.00001 | LTD    | LTD      | LTD     | 0.020 |      |     |
| <b>Cottrell's Cove</b>           |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Cottrell's Cove                  | Cottrell's Pond              | Apr 10, 2017 | 0.100  | 5.5  | 0.091        | 0.250             | 0.005            | 0.032    | LTD      | LTD     | 0.014  | LTD     | LTD      | 0.045  | 0.130 | LTD   | 2.600     | <u>0.170</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Cottrell's Cove                  | Cottrell's Pond              | Jun 08, 2017 | LTD  | 5.6  | LTD          | 0.230             | LTD              | 0.030    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.039  | LTD   | LTD   | 1.700     | 0.028        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Cow Head</b>                  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Cow Head                         | Short Cat Path Pond          | Jun 14, 2017 | LTD  | 5.2  | LTD          | 0.200             | 0.008            | 0.037    | LTD      | LTD     | 0.010  | LTD     | LTD      | 0.240  | 0.072 | 0.001 | 1.300     | 0.012        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| Cow Head - PWDU                  | Short Cat Path Pond          | Jun 14, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.013    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.004  | LTD   | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| <b>Cox's Cove</b>                |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Cox's Cove                       | Cox's Brook                  | Jun 27, 2017 | LTD  | 4.3  | 0.088        | 0.100             | 0.004            | 0.060    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.170  | 0.100 | LTD   | 1.300     | 0.025        | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Crow Head</b>                 |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Crow Head                        | Oars Pond                    | Apr 11, 2017 | LTD  | 9.1  | 0.200        | 0.240             | 0.008            | 0.180    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.026  | 0.220 | 0.003 | 3.300     | 0.005        | LTD     | 0.002  | LTD      | LTD     | 0.005 |      |     |
| Crow Head                        | Oars Pond                    | Jun 14, 2017 | LTD  | 7.5  | 0.130        | 0.230             | 0.006            | 0.110    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.028  | 0.160 | 0.004 | 2.700     | 0.009        | 0.00002 | LTD    | LTD      | LTD     | 0.009 |      |     |
| <b>Cupids</b>                    |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Cupids                           | Brigus Long Pond (to Brigus) | Jun 13, 2017 | LTD  | 2.5  | LTD          | 0.150             | LTD              | 0.046    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.240  | 0.053 | 0.005 | 0.660     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.016 |      |     |
| <b>Daniel's Harbour</b>          |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Daniel's Harbour                 | Unnamed Spring & Brook       | Jun 14, 2017 | LTD  | 2.3  | 0.290        | 0.110             | LTD              | 0.014    | LTD      | LTD     | 0.009  | LTD     | LTD      | 0.002  | LTD   | LTD   | 14.000    | LTD          | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Deadman's Bay</b>             |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Deadman's Bay                    | Deadman's Pond               | May 30, 2017 | LTD  | 6.5  | LTD          | 0.150             | 0.007            | 0.140    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.037  | 0.260 | 0.001 | 0.400     | 0.006        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Deer Lake</b>                 |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Deer Lake (+Reidville)           | Humber Canal, Grand Lake     | Jun 12, 2017 | LTD  | 3.4  | 0.140        | 0.130             | LTD              | 0.059    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.270  | LTD   | 0.001 | 0.710     | LTD          | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Dildo</b>                     |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |              |         |        |          |         |       |      |     |
| Dildo, Broad Cove (+South Dildo) | Broad Cove Pond              | Jun 08, 2017 | LTD  | 3.1  | LTD          | LTD               | LTD              | 0.068    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.710  | 0.074 | 0.003 | 0.590     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.012 |      |     |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                               | Source Name                                   | Sample Date  | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper       | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
|--|---|--------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|------|--|------|--|--|------|--|--|-------|--|--|------|--|--|------|--|--|-----|--|--|
|  |   |              | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L         | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L | mg/L |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Guidelines for Canadian Drinking Water Quality |   |              | 10      |      |              | 0.006             |                  |          | 0.01     |         |        | 1.0     |          |              | 0.005        |       |           | 0.05         |         |        | 1.0      |         |       | 0.3  |      |  | 0.01 |  |  | 0.05 |  |  | 0.001 |  |  | 0.01 |  |  | 0.02 |  |  | 5.0 |  |  |
| Aesthetic (A) or Contaminant (C) Parameter     |   |              | C       |      |              | C                 |                  |          | C        |         |        | C       |          |              | A            |       |           | A            |         |        | C        |         |       | A    |      |  | C    |  |  | C    |  |  | A     |  |  |      |  |  |      |  |  |     |  |  |
| <b>Dover</b>                                   |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Dover  | Hare Bay Pond                                 | May 31, 2017 | 0.071   | 8.3  | LTD          | 0.210             | 0.006            | 0.250    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | <u>1.300</u> | <u>0.580</u> | 0.003 | 0.470     | 0.036        | LTD     | LTD    | LTD      | 0.0002  | 0.006 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Eddies Cove West</b>                        |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Eddies Cove West                               | Unnamed                                       | Jun 30, 2017 | LTD     | 5.6  | LTD          | 0.130             | LTD              | 0.016    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.004        | 0.068        | LTD   | 13.000    | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Elliston</b>                                |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Elliston                                       | Big Pond                                      | Jun 13, 2017 | LTD     | 2.0  | 0.057        | 0.110             | LTD              | 0.067    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.078        | LTD          | LTD   | 0.590     | 0.008        | 0.00003 | LTD    | LTD      | LTD     | 0.009 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Embree</b>                                  |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Embree (+Little Burnt Bay)                     | Troke's Cove Pond                             | Apr 09, 2017 | LTD     | 5.9  | 0.089        | 0.190             | 0.006            | 0.073    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.240        | <u>0.320</u> | LTD   | 1.200     | 0.030        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Embree (+Little Burnt Bay)                     | Troke's Cove Pond                             | Jun 12, 2017 | LTD     | 5.0  | LTD          | 0.210             | LTD              | 0.051    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.400        | 0.210        | LTD   | 0.830     | 0.025        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Englee</b>                                  |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Englee   | Island Cove Pond                              | Jun 05, 2017 | LTD     | 8.3  | 0.051        | 0.170             | 0.007            | 0.160    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.043        | 0.250        | 0.001 | 0.620     | 0.028        | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Fairbanks-Hillgrade</b>                     |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Fairbanks-Hillgrade                            | Saltine's Pond                                | Apr 12, 2017 | LTD     | 8.8  | LTD          | 0.220             | 0.006            | 0.110    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.004        | 0.078        | LTD   | 1.400     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Fairbanks-Hillgrade                            | Saltine's Pond                                | Jun 14, 2017 | LTD     | 8.1  | LTD          | 0.200             | LTD              | 0.120    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.004        | 0.088        | LTD   | 1.200     | 0.013        | 0.00001 | LTD    | LTD      | LTD     | 0.009 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Fermeuse</b>                                |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Fermeuse, Kingman's                            | Merrymeeting Pond, Bear Cove Pond (2 intakes) | Jun 08, 2017 | LTD     | 3.7  | LTD          | 0.130             | LTD              | 0.120    | LTD      | LTD     | 0.001  | 0.00002 | LTD      | 0.190        | LTD          | LTD   | 0.580     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.021 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Ferryland</b>                               |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Ferryland                                      | Deep Cove Pond                                | Jun 08, 2017 | LTD     | 5.6  | LTD          | 0.160             | 0.004            | 0.170    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.006        | 0.086        | LTD   | 0.710     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.005 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Fleur de Lys</b>                            |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Fleur De Lys                                   | First Pond, Narrow Pond                       | Apr 10, 2017 | LTD     | 15.0 | 0.061        | 0.420             | 0.010            | 0.420    | LTD      | LTD     | 0.010  | 0.00002 | 0.00110  | 0.180        | <u>0.610</u> | 0.002 | 1.300     | <u>0.052</u> | 0.00002 | LTD    | LTD      | 0.0002  | 0.025 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Fleur De Lys                                   | First Pond, Narrow Pond                       | Jun 20, 2017 | LTD     | 9.7  | 0.051        | 0.270             | 0.009            | 0.230    | LTD      | LTD     | 0.007  | 0.00002 | LTD      | 0.075        | <u>0.380</u> | 0.002 | 0.800     | <u>0.130</u> | 0.00001 | LTD    | LTD      | 0.0002  | 0.008 |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Flower's Cove</b>                           |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| Flower's Cove (+Nameless Cove)                 | French Island Pond                            | Jun 07, 2017 | LTD     | 4.2  | 0.075        | 0.150             | 0.005            | 0.015    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.011        | 0.062        | LTD   | 9.000     | 0.017        | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |
| <b>Fogo Island</b>                             |   |              |         |      |              |                   |                  |          |          |         |        |         |          |              |              |       |           |              |         |        |          |         |       |      |      |  |      |  |  |      |  |  |       |  |  |      |  |  |      |  |  |     |  |  |





## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                        | Source Name                    | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper       | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|---|--------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------------|--------------|---|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|   |                                |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L         | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|   |                                |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0          | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|   |                                |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C            | C            | C   | A         | A            | C       |        | A        | C       |       | C    | C   |
| <b>Fogo Island</b>                      |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |
| Fogo                                    | Freeman's Pond                 | Apr 11, 2017 | 0.066  | 15.0 | 0.084        | 0.350             | 0.016            | 0.580    | LTD      | 0.001   | 0.004  | 0.00005 | 0.00160  | 0.390        | <u>1.000</u> | 0.002   | 1.800     | <u>0.200</u> | 0.00002 | LTD    | LTD      | LTD     | 0.023 |      |     |
| Fogo                                    | Freeman's Pond                 | Jun 15, 2017 | LTD  | 12.0 | 0.077        | 0.220             | 0.012            | 0.450    | LTD      | LTD     | 0.003  | 0.00007 | 0.00170  | 0.610        | <u>0.510</u> | 0.005   | 1.100     | <u>0.072</u> | LTD     | 0.002  | LTD      | LTD     | 0.078 |      |     |
| Joe Batt's Arm-Barr'd Islands-Shoal Bay | Long Pond                      | Apr 11, 2017 | LTD  | 6.2  | 0.100        | 0.210             | 0.007            | 0.170    | LTD      | LTD     | 0.002  | 0.00003 | LTD      | 0.054        | 0.180        | 0.007   | 1.300     | <u>0.140</u> | LTD     | LTD    | LTD      | 0.0001  | 0.038 |      |     |
| Joe Batt's Arm-Barr'd Islands-Shoal Bay | Long Pond                      | Jun 15, 2017 | LTD  | 5.4  | LTD          | 0.180             | LTD              | 0.160    | LTD      | LTD     | 0.001  | 0.00001 | LTD      | 0.070        | 0.110        | 0.010   | 0.640     | 0.014        | LTD     | LTD    | LTD      | 0.0002  | 0.039 |      |     |
| Seldom-Little Seldom                    | Bullock Cove Pond              | Apr 11, 2017 | LTD  | 9.2  | 0.070        | 0.280             | 0.009            | 0.200    | LTD      | 0.002   | 0.003  | 0.00002 | LTD      | <u>2.300</u> | <u>0.600</u> | LTD   | 1.400     | <u>0.130</u> | LTD     | LTD    | LTD      | LTD     | 0.015 |      |     |
| Seldom-Little Seldom                    | Bullock Cove Pond              | Jun 15, 2017 | LTD  | 8.2  | LTD          | 0.200             | 0.006            | 0.150    | LTD      | 0.001   | 0.002  | 0.00001 | LTD      | <u>1.300</u> | <u>0.340</u> | LTD   | 0.600     | 0.023        | LTD     | LTD    | LTD      | LTD     | 0.014 |      |     |
| Tilting                                 | Sandy Cove Pond                | Apr 11, 2017 | LTD  | 9.1  | 0.440        | 0.270             | 0.008            | 0.190    | LTD      | LTD     | 0.004  | 0.00002 | LTD      | 0.046        | <u>0.520</u> | 0.001   | 2.000     | <u>0.440</u> | LTD     | LTD    | LTD      | LTD     | 0.023 |      |     |
| Tilting                                 | Sandy Cove Pond                | Jun 15, 2017 | LTD  | 8.0  | LTD          | 0.230             | 0.004            | 0.150    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.120        | 0.190        | LTD   | 0.590     | 0.013        | LTD     | LTD    | LTD      | LTD     | 0.021 |      |     |
| <b>Forresters Point</b>                 |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |
| Forresters Point                        | Rudges Pond                    | Jun 07, 2017 | LTD  | 5.1  | LTD          | 0.200             | LTD              | 0.010    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.005        | LTD          | LTD   | 8.500     | 0.003        | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Fortune</b>                          |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |
| Fortune (+Grand Bank)                   | Horsebrook                     | May 30, 2017 | LTD  | 2.7  | 0.072        | 0.110             | LTD              | 0.079    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.063        | 0.078        | LTD   | 0.650     | 0.024        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Fox Roost-Margaree</b>               |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |
| Fox Roost-Margaree                      | Drilled Well and Margaree Pond | May 31, 2017 | LTD  | 6.0  | LTD          | 0.210             | 0.012            | 0.150    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.008        | 0.150        | 0.001   | 0.620     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.027 |      |     |
| Fox Roost-Margaree - PWDU               | Drilled Well and Margaree Pond | May 31, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | 0.005        | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Francois</b>                         |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |
| Francois                                | Our Pond                       | Jun 26, 2017 | 0.240  | 4.4  | 0.084        | 0.130             | LTD              | 0.210    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.280        | LTD          | <span style="border: 1px solid black; padding: 2px;">0.035</span> | 0.360     | 0.008        | LTD     | LTD    | LTD      | 0.0008  | 0.074 |      |     |
| <b>Gallants</b>                         |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |
| Gallants                                | Gallant's Brook                | Jun 05, 2017 | LTD  | 0.8  | 0.110        | LTD               | LTD              | 0.005    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.009        | LTD          | LTD   | 11.000    | LTD          | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Gambo</b>                            |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |
| Gambo                                   | Dark Cove Pond                 | May 31, 2017 | LTD  | 4.2  | LTD          | 0.160             | LTD              | 0.047    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.390        | 0.070        | 0.001   | 0.380     | 0.027        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Gander</b>                           |                                |              |  |      |              |                   |                  |          |          |         |        |         |          |              |              |   |           |              |         |        |          |         |       |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                          | Source Name               | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|---|---------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|   |                           |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|   |                           |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01         |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|   |                           |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | A     | A         | C            |         | A      | C        |         | C     | C    | A   |
| <b>Gander</b>                             |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Gander                                    | Gander Lake               | May 29, 2017 | LTD  | 5.6  | 0.140        | 0.130             | LTD              | 0.097    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.350  | 0.071        | LTD   | 0.590     | 0.002        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Gander Bay South</b>                   |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| George's Point, Harris Point              | Barry's Brook             | May 30, 2017 | LTD  | 6.3  | 0.069        | 0.140             | LTD              | 0.082    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.009  | 0.085        | LTD   | 0.950     | 0.004        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Garden Cove</b>                        |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Garden Cove                               | Arch Cove Pond            | Jun 14, 2017 | LTD  | 5.8  | 0.071        | 0.130             | LTD              | 0.150    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.004  | 0.280        | LTD   | 0.420     | 0.031        | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Garnish</b>                            |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Garnish                                   | Witchazel Pond            | May 30, 2017 | LTD  | 5.7  | LTD          | 0.150             | 0.004            | 0.080    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.034  | 0.094        | 0.001 | 1.000     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.011 |      |     |
| <b>Gaskiers</b>                           |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Gaskiers-Point La Haye                    | Big Hare Hill Pond        | Jun 20, 2017 | LTD  | 3.7  | 0.056        | 0.140             | 0.004            | 0.037    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.023  | LTD          | LTD   | 2.500     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Gaultois</b>                           |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Gaultois                                  | Piccaire Pond             | Jun 28, 2017 | LTD  | 12.0 | 0.050        | 0.110             | 0.011            | 0.440    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.043  | <u>0.400</u> | 0.001 | 0.570     | 0.010        | LTD     | LTD    | LTD      | LTD     | 0.019 |      |     |
| Gaultois - PWDU                           | Piccaire Pond             | Jun 28, 2017 | 0.078  | 1.3  | 0.260        | LTD               | LTD              | 0.110    | LTD      | LTD     | 0.014  | 0.00001 | 0.00160  | 0.010  | 0.077        | 0.001 | 0.660     | 0.018        | LTD     | 0.003  | LTD      | LTD     | 0.021 |      |     |
| <b>George's Brook-Milton</b>              |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| George's Brook                            | George's Brook            | Jun 13, 2017 | 0.051  | 4.7  | 0.072        | 0.180             | LTD              | 0.074    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.003  | 0.097        | LTD   | 0.420     | 0.013        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Gillams</b>                            |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Gillams                                   | Meaters Pond              | Jun 27, 2017 | LTD  | 3.5  | 0.053        | 0.110             | 0.005            | 0.017    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.180  | 0.058        | 0.001 | 1.100     | 0.031        | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Glenburnie-Birchy Head-Shoal Brook</b> |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Glenburnie-Birchy Head-Shoal Brook        | Croucher's Brook          | Jun 06, 2017 | LTD  | 5.4  | LTD          | 0.140             | LTD              | 0.065    | LTD      | LTD     | 0.007  | LTD     | 0.00110  | 0.004  | 0.100        | LTD   | 1.800     | 0.002        | 0.00002 | 0.004  | LTD      | LTD     | LTD   |      |     |
| <b>Glenwood</b>                           |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Glenwood                                  | Gander Lake (The Outflow) | May 29, 2017 | LTD  | 5.8  | 0.130        | 0.120             | 0.004            | 0.095    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.290  | 0.087        | 0.001 | 0.700     | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| <b>Glovertown</b>                         |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Glovertown                                | Northwest Pond            | May 16, 2017 | LTD  | 6.9  | 0.062        | 0.200             | 0.005            | 0.130    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.110  | 0.100        | 0.001 | 0.370     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.013 |      |     |
| <b>Goobies</b>                            |                           |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Goobies                                   | Water Pond                | Jun 14, 2017 | LTD  | 4.0  | 0.082        | 0.160             | 0.006            | 0.092    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.011  | 0.290        | 0.001 | 0.200     | <u>0.100</u> | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)  | Source Name                  | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|---|------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|   |                              |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|   |                              |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|   |                              |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       | C     | C    | A   |
| <b>Goose Cove East</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Goose Cove East   | Jack's Pond                  | Jun 06, 2017 | LTD  | 6.3  | 0.064        | 0.180             | LTD              | 0.110    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.010  | 0.110        | LTD   | 0.700     | 0.011        | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Grand Bank</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Grand Bank  | Horsebrook                   | May 30, 2017 | LTD  | 2.8  | 0.073        | LTD               | LTD              | 0.080    | LTD      | LTD     | 0.005  | 0.00002 | LTD      | 0.360  | 0.082        | 0.002 | 0.640     | 0.016        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Grand Falls-Windsor</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Grand Falls-Windsor<br>(+Bishop's Falls,<br>+Wooddale, +Botwood,<br>+Peterview) | Northern Arm Lake            | Apr 09, 2017 | LTD  | 1.5  | 0.074        | LTD               | LTD              | 0.560    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.014  | 0.076        | 0.001 | 0.630     | 0.031        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Grand Falls-Windsor<br>(+Bishop's Falls,<br>+Wooddale, +Botwood,<br>+Peterview) | Northern Arm Lake            | Jun 08, 2017 | LTD  | 1.3  | LTD          | 0.110             | LTD              | 0.920    | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | 0.200        | LTD   | 0.240     | <u>0.071</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Grand Le Pierre</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Grand Le Pierre   | Nip Nose Pond                | May 31, 2017 | LTD  | 3.6  | 0.060        | 0.110             | LTD              | 0.140    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.073  | 0.068        | LTD   | 0.310     | 0.003        | LTD     | LTD    | LTD      | 0.0002  | LTD   |      |     |
| <b>Great Brehat</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Great Brehat  | Little Steady Pond           | Jun 06, 2017 | LTD  | 6.1  | LTD          | 0.150             | 0.007            | 0.082    | LTD      | LTD     | LTD    | 0.00002 | LTD      | 0.021  | 0.140        | LTD   | 0.550     | 0.009        | 0.00002 | LTD    | LTD      | LTD     | 0.013 |      |     |
| <b>Green Island Brook</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Green Island Brook  | Green Island Brook           | Jun 07, 2017 | LTD  | 4.3  | LTD          | 0.150             | LTD              | 0.008    | LTD      | LTD     | 0.003  | LTD     | LTD      | LTD    | 0.110        | LTD   | 7.200     | 0.003        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| <b>Greenspond</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Greenspond  | Shambler's Cove Pond         | May 31, 2017 | LTD  | 7.6  | 0.081        | 0.210             | 0.007            | 0.290    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.017  | <u>0.380</u> | 0.004 | 0.610     | 0.014        | LTD     | LTD    | LTD      | 0.0006  | 0.031 |      |     |
| <b>Hampden</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Hampden   | Elliot Brook                 | Jun 08, 2017 | 0.051  | 4.2  | LTD          | 0.110             | LTD              | 0.030    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.150  | LTD          | LTD   | 0.870     | 0.008        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Hant's Harbour</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Hant's Harbour  | Eastern Pond (Halfway Brook) | Jun 07, 2017 | LTD  | 3.3  | LTD          | LTD               | LTD              | 0.074    | LTD      | LTD     | LTD    | 0.00001 | LTD      | 0.340  | LTD          | 0.004 | 0.540     | 0.004        | 0.00002 | LTD    | LTD      | LTD     | 0.033 |      |     |
| <b>Happy Adventure</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Happy Adventure   | Goose Neck Pond              | May 16, 2017 | 0.052  | 7.8  | LTD          | 0.220             | 0.005            | 0.190    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.890  | <u>0.630</u> | 0.002 | 0.410     | <u>0.110</u> | LTD     | LTD    | LTD      | LTD     | 0.012 |      |     |
| <b>Happy Valley-Goose Bay</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Happy Valley-Goose Bay  | Spring Gulch                 | Jun 21, 2017 | LTD  | 1.2  | 0.055        | LTD               | 0.005            | 0.023    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.061  | 0.085        | LTD   | 1.500     | 0.002        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)                                | Source Name                             | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |      |      |     |
|---|---|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|-----------|---------|--------|----------|---------|-------|------|------|-----|
|   |   |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |      |     |
|   |   |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3       | 0.01    |        | 0.05     | 0.001   |       | 0.01 | 0.02 | 5.0 |
|   |   |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A         | C       |        | A        | C       |       | C    | C    | A   |
| <b>Happy Valley-Goose Bay</b>                   |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Happy Valley-Goose Bay                          | Well Field (connect summer 2002)        | Jun 21, 2017 | LTD  | 1.2  | 0.054        | LTD               | LTD              | 0.017    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.094  | 0.061        | LTD   | 6.800     | 0.009     | LTD     | LTD    | LTD      | LTD     | 0.013 |      |      |     |
| <b>Harbour Breton</b>                           |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Harbour Breton                                  | Connaigra Pond, Hutchings Pond          | Apr 08, 2017 | LTD  | 4.8  | 0.083        | LTD               | LTD              | 0.150    | LTD      | LTD     | 0.003  | 0.00001 | LTD      | 0.040  | 0.130        | LTD   | 1.800     | LTD       | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Harbour Breton                                  | Connaigra Pond, Hutchings Pond          | May 30, 2017 | LTD  | 4.5  | 0.140        | 0.160             | LTD              | 0.120    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.072  | 0.086        | 0.001 | 1.700     | 0.002     | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |     |
| <b>Harbour Grace</b>                            |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Harbour Grace, Harbour Grace South (+Riverhead) | Bannerman Lake                          | Jun 14, 2017 | LTD  | 2.0  | LTD          | LTD               | LTD              | 0.025    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.510  | LTD          | 0.001 | 0.460     | 0.006     | LTD     | LTD    | LTD      | LTD     | 0.006 |      |      |     |
| <b>Harbour Main-Chapel's Cove-Lakeview</b>      |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Harbour Main, Chapel's Cove, Lakeview           | Maloney's River                         | Jun 13, 2017 | LTD  | 3.1  | LTD          | 0.170             | 0.007            | 0.045    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.004  | 0.060        | LTD   | 0.640     | 0.006     | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Hare Bay</b>                                 |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Hare Bay (+Dover)                               | Hare Bay Pond                           | May 31, 2017 | LTD  | 8.2  | LTD          | 0.180             | 0.005            | 0.230    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.430  | <u>0.500</u> | 0.002 | 0.410     | 0.019     | LTD     | LTD    | LTD      | 0.0002  | 0.010 |      |      |     |
| <b>Harry's Harbour</b>                          |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Harry's Harbour                                 | #1C Well - Northeast Well               | Apr 11, 2017 | LTD  | 0.5  | LTD          | LTD               | 0.006            | 0.009    | LTD      | 0.003   | 0.005  | LTD     | LTD      | 0.007  | LTD          | LTD   | 3.200     | LTD       | LTD     | LTD    | LTD      | 0.0003  | LTD   |      |      |     |
| Harry's Harbour                                 | #2 Well - Northwest Hill / Country Road | Apr 11, 2017 | LTD  | 1.1  | LTD          | LTD               | 0.005            | 0.022    | LTD      | LTD     | 0.001  | LTD     | LTD      | LTD    | LTD          | LTD   | 9.600     | 0.021     | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Harry's Harbour                                 | #3 Well - South Well                    | Apr 11, 2017 | LTD  | LTD  | 0.061        | LTD               | 0.005            | 0.008    | LTD      | 0.002   | 0.013  | LTD     | LTD      | 0.006  | LTD          | LTD   | 3.900     | LTD       | LTD     | LTD    | LTD      | 0.0002  | LTD   |      |      |     |
| <b>Hawke's Bay</b>                              |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Hawke's Bay                                     | Torrent River                           | Jun 30, 2017 | LTD  | 4.2  | LTD          | LTD               | LTD              | 0.110    | LTD      | LTD     | 0.008  | LTD     | LTD      | 0.009  | 0.110        | LTD   | 1.200     | 0.003     | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Heart's Content</b>                          |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Heart's Content                                 | Southern Cove Pond                      | Jun 07, 2017 | LTD  | 3.0  | LTD          | 0.100             | LTD              | 0.100    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.042  | 0.072        | LTD   | 0.460     | 0.008     | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Heart's Delight-Islington</b>                |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Heart's Delight-Islington                       | Long Pond                               | Jun 08, 2017 | LTD  | 1.6  | 0.052        | LTD               | LTD              | 0.067    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.081  | <u>0.900</u> | LTD   | 0.650     | 0.015     | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Heart's Desire</b>                           |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |
| Heart's Desire                                  | Terrence Pond                           | Jun 08, 2017 | LTD  | 2.6  | 0.054        | LTD               | LTD              | 0.058    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.130  | LTD          | 0.002 | 0.800     | 0.002     | LTD     | LTD    | LTD      | LTD     | 0.011 |      |      |     |
| <b>Hermitage</b>                                |   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |      |     |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)   | Source Name         | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |      |
|--|---------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|------|
|  |                     |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L | mg/L |
|  |                     |              | Guidelines for Canadian Drinking Water Quality<br>Aesthetic (A) or Contaminant (C) Parameter |      |              | 10                |                  | 10       |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01         |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0  |
|  |                     |              | C  |      | C            |                   |                  | C        | C        | C       | C      | C       | C        | A      | A            | C     |           | A            | C       |        | C        | C       | A     |      |      |
| <b>Hermitage</b>   |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Hermitage-Sandyville   | Granfer's Pond      | Apr 08, 2017 | LTD  | 7.7  | LTD          | 0.130             | 0.006            | 0.440    | LTD      | LTD     | 0.003  | 0.00003 | LTD      | 0.220  | <u>0.480</u> | 0.001 | 0.970     | 0.036        | LTD     | LTD    | LTD      | LTD     | 0.015 |      |      |
| Hermitage-Sandyville   | Granfer's Pond      | May 30, 2017 | LTD  | 6.5  | LTD          | 0.150             | LTD              | 0.300    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.270  | <u>0.330</u> | LTD   | 0.580     | 0.027        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |
| Hermitage-Sandyville - PWDU  | Granfer's Pond      | Apr 08, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.011    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.034  | LTD          | 0.002 | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | 0.005 |      |      |
| Hermitage-Sandyville - PWDU  | Granfer's Pond      | May 30, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.009    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.035  | LTD          | 0.001 | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | 0.010 |      |      |
| <b>Herring Neck</b>  |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Herring Neck, Hatchet Harbour, Salt Harbour, Shoal Cove, Sunnyside | Gut Pond            | Apr 12, 2017 | 0.092  | 7.0  | 0.110        | 0.240             | 0.005            | 0.046    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.010  | LTD          | LTD   | 3.400     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |
| Herring Neck, Hatchet Harbour, Salt Harbour, Shoal Cove, Sunnyside | Gut Pond            | Jun 14, 2017 | LTD  | 7.2  | LTD          | 0.250             | 0.006            | 0.068    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.006  | 0.079        | LTD   | 2.700     | <u>0.058</u> | LTD     | LTD    | LTD      | LTD     | 0.006 |      |      |
| <b>Hickman's Harbour-Robinson Bight</b>                            |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Hickman's Harbour-Robinson Bight                                   | Big Loss Pound Pond | Jun 14, 2017 | 0.069  | 3.1  | LTD          | 0.110             | LTD              | 0.041    | LTD      | LTD     | 0.013  | LTD     | LTD      | 0.033  | LTD          | LTD   | 0.710     | 0.030        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |
| <b>Howley</b>  |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Howley   | Sandy Lake          | Jun 12, 2017 | 0.053  | 5.9  | LTD          | 0.120             | LTD              | 0.120    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.110  | <u>0.340</u> | LTD   | 0.510     | 0.036        | LTD     | LTD    | LTD      | LTD     | 0.016 |      |      |
| Howley - PWDU  | Sandy Lake          | Jun 12, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | 0.011  | LTD          | 0.001 | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | 0.007 |      |      |
| <b>Hughes Brook</b>  |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Hughes Brook   | Reservoir           | Jun 27, 2017 | LTD  | 2.1  | 0.180        | LTD               | LTD              | 0.011    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.009  | LTD          | LTD   | 17.000    | LTD          | 0.00001 | LTD    | LTD      | 0.0003  | 0.005 |      |      |
| <b>Humber Arm South</b>  |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Halfway Point, Benoit's Cove, John's Beach                         | Dormody's Brook     | Jun 13, 2017 | LTD  | 0.7  | 0.120        | LTD               | LTD              | 0.009    | LTD      | LTD     | LTD    | LTD     | 0.00180  | 0.044  | LTD          | LTD   | 6.400     | LTD          | LTD     | 0.005  | LTD      | LTD     | 0.007 |      |      |
| Frenchman's Cove Area  | Gurges Pond         | Jun 13, 2017 | LTD  | 3.1  | 0.052        | 0.110             | LTD              | 0.028    | LTD      | LTD     | 0.010  | LTD     | LTD      | 0.005  | LTD          | LTD   | 2.000     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |
| <b>Indian Bay</b>  |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Indian Bay   | Indian Bay Brook    | May 31, 2017 | LTD  | 5.1  | 0.054        | 0.150             | LTD              | 0.078    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.062  | 0.140        | 0.001 | 0.450     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.009 |      |      |
| <b>Irishtown-Summerside</b>  |                     |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Irishtown  | Irishtown Brook     | Jun 27, 2017 | LTD  | 8.1  | 0.061        | 0.130             | 0.007            | 0.081    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.057  | <u>0.360</u> | LTD   | 1.500     | <u>0.058</u> | 0.00002 | LTD    | LTD      | LTD     | 0.012 |      |      |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                                | Source Name                 | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|---|-----------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|   |                             |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|   |                             |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|   |                             |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       | C     | C    | A   |
| <b>Irishtown-Summerside</b>                     |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Summerside                                      | Pynn's Pond                 | Jun 27, 2017 | LTD  | 5.7  | 0.058        | 0.130             | 0.005            | 0.086    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.100  | 0.110        | LTD   | 0.770     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| <b>Isle aux Morts</b>                           |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Isle aux Morts                                  | Burnt Ground Pond           | May 31, 2017 | LTD  | 4.4  | LTD          | 0.170             | 0.005            | 0.150    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.007  | 0.100        | 0.002 | 0.220     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| Isle aux Morts - PWDU                           | Burnt Ground Pond           | May 31, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.005    | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Jackson's Arm</b>                            |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Jackson's Arm                                   | Unnamed Brook               | Jun 12, 2017 | LTD  | 7.0  | LTD          | 0.180             | 0.006            | 0.180    | LTD      | LTD     | 0.019  | 0.00001 | LTD      | 0.750  | 0.150        | 0.002 | 0.440     | 0.032        | LTD     | LTD    | LTD      | LTD     | 0.033 |      |     |
| Jackson's Arm - PWDU                            | Unnamed Brook               | Jun 12, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.006    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.014  | LTD          | 0.001 | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Jackson's Cove-Langdon's Cove-Silverdale</b> |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Silverdale, Nickey's Nose Cove                  | Nickey's Nose Cove Pond     | Apr 11, 2017 | LTD  | 3.5  | LTD          | 0.170             | LTD              | 0.035    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.002  | LTD          | LTD   | 1.100     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Silverdale, Nickey's Nose Cove                  | Nickey's Nose Cove Pond     | Jun 21, 2017 | LTD  | 3.5  | 0.061        | 0.130             | LTD              | 0.032    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.002  | LTD          | LTD   | 1.000     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Langdon's Cove                                  | #3 Well Langdon's Cove Well | Apr 11, 2017 | LTD  | 0.8  | LTD          | LTD               | LTD              | 0.007    | LTD      | 0.005   | 0.008  | LTD     | LTD      | LTD    | LTD          | LTD   | 5.300     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Keels</b>                                    |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Keels   | Boland's Pond               | Jun 13, 2017 | LTD  | 12.0 | 0.060        | 0.250             | 0.007            | 0.290    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.014  | <u>0.350</u> | LTD   | 0.590     | 0.035        | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>King's Point</b>                             |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| King's Point                                    | Bulley's Pond               | Apr 11, 2017 | LTD  | 6.8  | 0.062        | 0.150             | 0.006            | 0.210    | LTD      | LTD     | 0.004  | 0.00002 | LTD      | 0.067  | 0.240        | 0.001 | 0.350     | 0.013        | LTD     | LTD    | LTD      | LTD     | 0.013 |      |     |
| King's Point                                    | Bulley's Pond               | Jun 21, 2017 | LTD  | 4.2  | LTD          | LTD               | 0.004            | 0.140    | LTD      | LTD     | 0.003  | 0.00002 | LTD      | 0.065  | 0.160        | 0.002 | 0.240     | 0.011        | LTD     | LTD    | LTD      | LTD     | 0.021 |      |     |
| <b>LaScie</b>                                   |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| La Scie   | Stakes Pond                 | Apr 10, 2017 | LTD  | 4.8  | 0.059        | 0.190             | 0.004            | 0.094    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.030  | LTD          | 0.001 | 0.840     | 0.003        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| La Scie   | Stakes Pond                 | Jun 20, 2017 | LTD  | 4.7  | 0.074        | 0.130             | LTD              | 0.100    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.200  | LTD          | 0.001 | 0.680     | 0.003        | 0.00002 | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Labrador City</b>                            |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Labrador City                                   | Beverly Lake                | Jun 14, 2017 | LTD  | 2.1  | LTD          | 0.110             | LTD              | 0.014    | LTD      | LTD     | 0.008  | LTD     | LTD      | 0.130  | LTD          | LTD   | 4.500     | <u>0.054</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Lamaline</b>                                 |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Lamaline  | Upper Hodges Pond           | May 30, 2017 | LTD  | 4.4  | 0.051        | 0.170             | LTD              | 0.045    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.063  | 0.230        | LTD   | 0.550     | 0.013        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)          | Source Name             | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |      |     |
|---------------------------|-------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|------|-----|
|                           |                         |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |      |     |
|                           |                         |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   |       | 0.01 | 0.02 | 5.0 |
|                           |                         |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       |       | C    | C    | A   |
| <b>Lamaline</b>           |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Lamaline - PWDU           | Upper Hodges Pond       | May 30, 2017 | LTD  | LTD  | 0.054        | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Lawn</b>               |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Lawn                      | Brazil Pond             | May 30, 2017 | 0.050  | 4.9  | LTD          | 0.160             | 0.005            | 0.054    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.059  | 0.160        | LTD   | 0.470     | 0.029        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |      |     |
| Lawn - PWDU               | Brazil Pond             | May 30, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | 0.005  | LTD          | LTD   | LTD       | 0.004        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Leading Ticks</b>      |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Leading Ticks             | Cook's Pond             | Apr 11, 2017 | 0.071  | 8.0  | 0.120        | 0.270             | 0.010            | 0.310    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.120  | <u>0.390</u> | LTD   | 1.300     | <u>0.065</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Leading Ticks             | Cook's Pond             | Jun 06, 2017 | LTD  | 9.0  | 0.052        | 0.260             | LTD              | 0.240    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.091  | <u>0.310</u> | LTD   | 0.590     | 0.010        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Leading Ticks - PWDU      | Cook's Pond             | Apr 11, 2017 | LTD  | 0.6  | LTD          | LTD               | 0.005            | 0.019    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.006  | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Leading Ticks - PWDU      | Cook's Pond             | Jun 06, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.006    | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Lewin's Cove</b>       |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Lewin's Cove              | Big Pond                | May 30, 2017 | 0.058  | 3.9  | 0.053        | LTD               | LTD              | 0.065    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.250  | 0.052        | LTD   | 0.890     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.010 |      |      |     |
| <b>Lewisporte</b>         |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Lewisporte                | Stanhope Pond           | Apr 09, 2017 | LTD  | 6.5  | 0.110        | 0.230             | 0.006            | 0.080    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.100  | <u>0.310</u> | LTD   | 1.000     | 0.012        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Lewisporte                | Stanhope Pond           | Jun 13, 2017 | LTD  | 5.2  | LTD          | 0.170             | LTD              | 0.075    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.530  | 0.140        | 0.001 | 0.650     | 0.004        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Little Bay</b>         |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Little Bay                | Mine Pond               | Apr 11, 2017 | 0.087  | 4.2  | 0.250        | 0.190             | 0.005            | 0.057    | LTD      | LTD     | 0.003  | 0.00005 | LTD      | 0.068  | 0.140        | 0.001 | 2.600     | 0.016        | LTD     | LTD    | LTD      | LTD     | 0.016 |      |      |     |
| Little Bay                | Mine Pond               | Jun 21, 2017 | LTD  | 3.1  | 0.064        | 0.160             | LTD              | 0.039    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.080  | 0.120        | LTD   | 2.100     | 0.018        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Little Bay                | First Pond              | Apr 11, 2017 | LTD  | 2.9  | 0.370        | 0.120             | 0.004            | 0.055    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.011  | LTD          | LTD   | 0.840     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Little Bay                | First Pond              | Jun 21, 2017 | LTD  | 1.9  | 0.250        | 0.120             | LTD              | 0.026    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.084  | LTD          | 0.001 | 1.000     | LTD          | LTD     | LTD    | LTD      | LTD     | 0.005 |      |      |     |
| <b>Little Bay Islands</b> |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |     |
| Little Bay Islands        | Jones' Pond & Gull Pond | May 02, 2017 | LTD  | 11.0 | LTD          | 0.340             | 0.011            | 0.240    | LTD      | LTD     | 0.013  | 0.00001 | LTD      | 0.035  | <u>2.400</u> | 0.001 | 1.700     | <u>0.890</u> | LTD     | LTD    | LTD      | LTD     | 0.016 |      |      |     |
| Little Bay Islands        | Jones' Pond & Gull Pond | Jun 13, 2017 | LTD  | 9.4  | LTD          | 0.260             | 0.006            | 0.290    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.095  | <u>0.370</u> | 0.001 | 0.930     | 0.048        | LTD     | LTD    | LTD      | LTD     | 0.014 |      |      |     |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)                            | Source Name                                | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper       | Iron  | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |      |     |
|---|--|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------------|-------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|------|-----|
|   |  |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L         | mg/L  | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |      |     |
|   |  |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0          | 0.005 | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   |       | 0.01 | 0.02 | 5.0 |
|   |  |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C            | C     | C     | A         | A            | C       |        | A        | C       |       | C    | C    | A   |
| <b>Little Burnt Bay</b>                     |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Little Burnt Bay                            | Troke's Cove Pond                          | Apr 09, 2017 | LTD  | 6.0  | 0.086        | 0.180             | 0.006            | 0.049    | LTD      | LTD     | 0.001  | 0.00002 | LTD      | 0.027        | 0.210 | LTD   | 1.000     | 0.005        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |      |     |
| Little Burnt Bay                            | Troke's Cove Pond                          | Jun 12, 2017 | LTD  | 4.7  | LTD          | 0.150             | LTD              | 0.051    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.071        | 0.160 | 0.001 | 0.850     | 0.004        | 0.00001 | LTD    | LTD      | LTD     | 0.019 |      |      |     |
| <b>Little Harbour East</b>                  |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Little Harbour East (Placentia Bay)         | Unnamed Pond                               | May 24, 2017 | LTD  | 5.9  | 0.051        | 0.170             | LTD              | 0.170    | LTD      | LTD     | 0.012  | 0.00001 | LTD      | 0.004        | 0.110 | LTD   | 0.710     | 0.006        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |     |
| <b>Little St. Lawrence</b>                  |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Little St. Lawrence                         | Butler's Brook (2 Intakes)                 | May 30, 2017 | LTD  | 3.6  | LTD          | LTD               | LTD              | 0.093    | LTD      | LTD     | 0.006  | 0.00001 | LTD      | 0.020        | 0.110 | LTD   | 0.820     | 0.014        | LTD     | LTD    | LTD      | LTD     | 0.011 |      |      |     |
| <b>Long Harbour-Mount Arlington Heights</b> |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Long Harbour-Mount Arlington Heights        | Shingle Pond and/or Trout Pond (2 Intakes) | Jun 13, 2017 | LTD  | 1.4  | LTD          | LTD               | LTD              | 0.014    | LTD      | LTD     | 0.031  | LTD     | LTD      | <u>1.300</u> | LTD   | 0.002 | 0.630     | 0.005        | LTD     | LTD    | LTD      | LTD     | 0.009 |      |      |     |
| <b>Loon Bay</b>                             |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Loon Bay                                    | Southeast Pond                             | Apr 11, 2017 | LTD  | 5.2  | 0.140        | 0.150             | 0.006            | 0.078    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.081        | 0.088 | LTD   | 0.900     | 0.024        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| Loon Bay                                    | Southeast Pond                             | Jun 13, 2017 | LTD  | 4.0  | 0.100        | 0.140             | LTD              | 0.041    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.120        | LTD   | LTD   | 0.720     | 0.003        | LTD     | LTD    | LTD      | LTD     | 0.009 |      |      |     |
| <b>Lourdes</b>                              |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Lourdes (+West Bay)                         | Victor's Brook                             | Jun 07, 2017 | LTD  | 3.3  | 0.091        | 0.150             | LTD              | 0.340    | LTD      | LTD     | 0.045  | LTD     | LTD      | 0.056        | LTD   | LTD   | 7.100     | LTD          | LTD     | LTD    | LTD      | 0.0002  | 0.007 |      |      |     |
| <b>Lower Lance Cove</b>                     |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Lower Lance Cove                            | Big Long Pond                              | Jun 14, 2017 | LTD  | 3.9  | 0.057        | 0.120             | LTD              | 0.063    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.045        | LTD   | LTD   | 0.390     | 0.007        | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Lumsden</b>                              |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Lumsden                                     | Gull Pond                                  | May 30, 2017 | LTD  | 2.8  | LTD          | 0.130             | LTD              | 2.200    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.004        | 0.250 | LTD   | 0.310     | 0.013        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |     |
| <b>Lushes Bight-Beaumont-Beaumont North</b> |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Lushes Bight, Beaumont                      | Milkboy's Pond/Gull Pond                   | Apr 10, 2017 | LTD  | 8.8  | 0.088        | 0.200             | 0.006            | 0.180    | LTD      | LTD     | 0.005  | LTD     | 0.00210  | 0.120        | 0.280 | 0.001 | 0.980     | <u>0.085</u> | LTD     | LTD    | LTD      | LTD     | 0.018 |      |      |     |
| Lushes Bight, Beaumont                      | Milkboy's Pond/Gull Pond                   | Jun 01, 2017 | LTD  | 7.7  | LTD          | 0.150             | LTD              | 0.170    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.095        | 0.180 | 0.001 | 0.590     | 0.040        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |     |
| Lushes Bight, Beaumont - PWDU               | Milkboy's Pond/Gull Pond                   | Jun 01, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.008    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.003        | LTD   | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |     |
| <b>Main Brook</b>                           |  |              |  |      |              |                   |                  |          |          |         |        |         |          |              |       |       |           |              |         |        |          |         |       |      |      |     |
| Main Brook                                  | Joe Burt's Pond                            | Jun 05, 2017 | LTD  | 4.4  | LTD          | 0.190             | LTD              | 0.019    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.130        | 0.074 | 0.001 | 2.600     | 0.016        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                     | Source Name                        | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|--------------------------------------|------------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                      |                                    |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                      |                                    |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01         |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|                                      |                                    |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | A     | A         | C            |         | A      | C        |         | C     | C    | A   |
| <b>Mainland</b>                      |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Mainland                             | Caribou Brook                      | Jun 07, 2017 | LTD  | 1.6  | 0.220        | 0.170             | LTD              | 0.016    | LTD      | LTD     | 0.037  | LTD     | LTD      | 0.002  | LTD          | LTD   | 9.400     | 0.004        | LTD     | LTD    | LTD      | 0.0002  | LTD   |      |     |
| <b>Marystown</b>                     |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Marystown                            | Fox Hill Reservoir / Clam Pond     | May 31, 2017 | LTD  | 1.4  | LTD          | LTD               | LTD              | 0.040    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.039  | LTD          | LTD   | 0.640     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Massey Drive</b>                  |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Massey Drive                         | Trout Pond, Third Pond (2 intakes) | Jun 27, 2017 | LTD  | 1.2  | 0.082        | LTD               | 0.300            | 0.009    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.034  | LTD          | LTD   | 1.500     | LTD          | 0.00001 | LTD    | LTD      | LTD     | 0.100 |      |     |
| <b>Mclvers</b>                       |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Mclvers                              | Mclvers Brook                      | Jun 27, 2017 | 0.064  | 6.7  | 0.085        | 0.140             | 0.005            | 0.039    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.160  | <u>0.320</u> | 0.003 | 1.800     | <u>0.180</u> | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Meadows</b>                       |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Meadows, Summerside West             | Meaters Pond                       | Jun 27, 2017 | 0.270  | 3.5  | LTD          | 0.110             | 0.006            | 0.014    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.160  | LTD          | 0.001 | 1.100     | 0.011        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Merritt's Harbour</b>             |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Merritt's Harbour                    | Jimmy's Pond                       | Apr 12, 2017 | LTD  | 10.0 | 0.130        | 0.300             | 0.006            | 0.160    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.084  | 0.180        | 0.001 | 2.600     | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.015 |      |     |
| Merritt's Harbour                    | Jimmy's Pond                       | Jun 14, 2017 | LTD  | 7.0  | LTD          | 0.210             | LTD              | 0.095    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.098  | 0.170        | 0.001 | 1.700     | 0.006        | LTD     | LTD    | LTD      | LTD     | 0.018 |      |     |
| <b>Middle Arm</b>                    |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Middle Arm                           | Dam Pond Brook                     | Apr 06, 2017 | LTD  | 6.0  | 0.100        | 0.130             | LTD              | 0.140    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.011  | 0.200        | LTD   | 0.490     | 0.004        | LTD     | LTD    | LTD      | 0.0001  | LTD   |      |     |
| Middle Arm                           | Dam Pond Brook                     | Jun 19, 2017 | LTD  | 6.6  | 0.067        | 0.170             | LTD              | 0.160    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.160  | 0.110        | 0.002 | 0.250     | 0.013        | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Miles Cove</b>                    |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Miles Cove                           | Paddock's Pond                     | Apr 09, 2017 | LTD  | 7.7  | 0.099        | 0.220             | 0.004            | 0.120    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.084  | 0.130        | LTD   | 0.910     | 0.009        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Miles Cove                           | Paddock's Pond                     | Jun 01, 2017 | LTD  | 6.8  | LTD          | 0.160             | LTD              | 0.130    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.190  | 0.150        | 0.001 | 0.620     | 0.018        | LTD     | LTD    | LTD      | LTD     | 0.013 |      |     |
| <b>Millertown</b>                    |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Millertown                           | Water Pond                         | Apr 10, 2017 | 0.054  | 12.0 | LTD          | 0.340             | 0.009            | 0.260    | LTD      | LTD     | 0.065  | 0.00002 | LTD      | 0.051  | <u>2.200</u> | 0.001 | 0.920     | <u>1.100</u> | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| Millertown                           | Water Pond                         | Jun 07, 2017 | LTD  | 5.5  | 0.097        | 0.280             | 0.005            | 0.095    | LTD      | LTD     | 0.017  | 0.00001 | LTD      | 0.120  | 0.180        | 0.001 | 0.380     | <u>0.056</u> | LTD     | LTD    | LTD      | LTD     | 0.014 |      |     |
| <b>Milltown-Head of Bay D'Espoir</b> |                                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Milltown, Head of Bay D'Espoir       | Jersey Pond                        | Apr 07, 2017 | LTD  | 3.3  | 0.081        | LTD               | LTD              | 0.043    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.014  | 0.250        | LTD   | 1.500     | 0.003        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)  | Source Name                        | Sample Date  | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron  | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |
|---|------------------------------------|--------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|-------|-------|-----------|-----------|---------|--------|----------|---------|-------|
|   |                                    |              | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L  | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  |
| Guidelines for Canadian Drinking Water Quality                |                                    |              |         |      | 10           |                   |                  |          | 0.006    | 0.01    | 1.0    | 0.005   | 0.05     | 1.0    | 0.3   | 0.01  |           | 0.05      | 0.001   |        | 0.01     | 0.02    | 5.0   |
| Aesthetic (A) or Contaminant (C) Parameter                    |                                    |              |         |      | C            |                   |                  |          | C        | C       | C      | C       | C        | A      | A     | C     |           | A         | C       |        | C        | C       | A     |
| <b>Milltown-Head of Bay D'Espoir</b>                          |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Milltown, Head of Bay D'Espoir                                | Jersey Pond                        | May 29, 2017 | LTD     | 4.0  | LTD          | 0.140             | LTD              | 0.042    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.019  | 0.210 | LTD   | 1.200     | 0.005     | LTD     | LTD    | LTD      | LTD     | 0.010 |
| <b>Ming's Bight</b>   |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Ming's Bight  | Middle Brook Pond                  | Apr 13, 2017 | LTD     | 5.2  | 0.062        | 0.190             | 0.008            | 0.063    | LTD      | LTD     | LTD    | 0.00001 | LTD      | 0.240  | LTD   | 0.001 | 1.400     | 0.007     | LTD     | LTD    | LTD      | LTD     | LTD   |
| Ming's Bight  | Middle Brook Pond                  | Jun 23, 2017 | LTD     | 4.8  | LTD          | 0.120             | 0.004            | 0.077    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.200  | LTD   | 0.001 | 1.000     | 0.006     | 0.00002 | LTD    | LTD      | LTD     | LTD   |
| <b>Morrisville</b>  |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Morrisville   | Morrisville Pond                   | Apr 07, 2017 | LTD     | 4.4  | 0.072        | 0.110             | LTD              | 0.065    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.007  | 0.170 | LTD   | 1.300     | 0.005     | LTD     | LTD    | LTD      | LTD     | LTD   |
| Morrisville   | Morrisville Pond                   | May 31, 2017 | LTD     | 3.8  | LTD          | 0.120             | LTD              | 0.045    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.002  | 0.080 | LTD   | 1.100     | 0.012     | LTD     | LTD    | LTD      | LTD     | 0.009 |
| <b>Mount Moriah</b>   |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Mount Moriah  | Trout Pond, Third Pond (2 intakes) | Jun 27, 2017 | LTD     | 1.1  | 0.082        | LTD               | 0.270            | 0.006    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.039  | LTD   | LTD   | 1.500     | LTD       | 0.00002 | LTD    | LTD      | LTD     | 0.092 |
| <b>Mount Pearl</b>  |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Mount Pearl   | Bay Bulls Big Pond                 | Jun 15, 2017 | 0.420   | 1.2  | 0.089        | 0.390             | LTD              | 0.069    | LTD      | LTD     | 0.001  | LTD     | 0.00120  | 0.051  | LTD   | 0.001 | 0.570     | 0.006     | LTD     | LTD    | LTD      | LTD     | 0.007 |
| <b>Musgrave Harbour</b>                                       |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Musgrave Harbour  | Rocky Pond                         | May 30, 2017 | LTD     | 4.0  | LTD          | 0.170             | LTD              | 0.470    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.025  | 0.160 | LTD   | 0.430     | 0.009     | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Nameless Cove</b>  |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Nameless Cove / Flower Cove                                   | French Island Pond                 | Jun 07, 2017 | LTD     | 4.5  | 0.077        | 0.150             | LTD              | 0.011    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.071  | LTD   | LTD   | 8.700     | LTD       | 0.00002 | LTD    | LTD      | LTD     | LTD   |
| <b>New Chelsea-New Melbourne-Brownsdale-Sibley's Cove-I</b>   |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Sibley's Cove, Lead Cove                                      | Sibley's Cove Pond                 | Jun 07, 2017 | LTD     | 2.1  | LTD          | 0.110             | LTD              | 0.066    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.023  | LTD   | LTD   | 0.480     | 0.005     | 0.00001 | LTD    | LTD      | LTD     | 0.007 |
| <b>New Perlican</b>   |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| New Perlican  | New Perlican River                 | Jun 07, 2017 | LTD     | 4.6  | 0.056        | 0.100             | LTD              | 0.140    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.290  | 0.130 | 0.001 | 0.530     | 0.012     | LTD     | LTD    | LTD      | LTD     | 0.006 |
| <b>New-Wes-Valley</b>   |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |
| Newtown-Templeton   | Carter's Pond                      | May 31, 2017 | LTD     | 6.7  | LTD          | 0.180             | 0.008            | 0.087    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.052  | 0.200 | LTD   | 0.220     | 0.005     | LTD     | LTD    | LTD      | LTD     | LTD   |
| Wesleyville-Badger's Quay-Pool's Island, Brookfield-Poundcove | Little Northwest Pond              | May 31, 2017 | LTD     | 7.9  | LTD          | 0.200             | 0.005            | 0.230    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.016  | 0.260 | 0.001 | 0.340     | 0.005     | LTD     | LTD    | LTD      | 0.0001  | 0.008 |
| <b>Newman's Cove</b>  |                                    |              |         |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)               | Source Name             | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|--------------------------------|-------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                |                         |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                |                         |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|                                |                         |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       | C     | C    | A   |
| <b>Newman's Cove</b>           |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Newman's Cove                  | Heale Pond Brook        | Jun 13, 2017 | LTD  | 11.0 | 0.110        | 0.200             | 0.008            | 0.430    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.085  | <u>0.550</u> | 0.001 | 0.550     | 0.018        | 0.00003 | LTD    | LTD      | LTD     | 0.006 |      |     |
| <b>Nippers Harbour</b>         |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Nippers Harbour                | Blackhead Pond Brook    | Apr 10, 2017 | LTD  | 6.2  | 0.082        | 0.210             | 0.005            | 0.240    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.120  | 0.120        | 0.001 | 0.530     | 0.026        | LTD     | LTD    | LTD      | 0.0001  | 0.010 |      |     |
| Nippers Harbour                | Blackhead Pond Brook    | Jun 20, 2017 | LTD  | 5.4  | LTD          | 0.190             | 0.004            | 0.180    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.140  | 0.069        | 0.001 | 0.280     | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Norman's Cove-Long Cove</b> |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Norman's Cove-Long Cove        | John Newhooks Pond Cove | May 24, 2017 | LTD  | 0.7  | 1.500        | 0.130             | LTD              | 0.006    | LTD      | LTD     | 0.160  | 0.00008 | LTD      | 0.220  | LTD          | 0.001 | 12.000    | <u>0.170</u> | LTD     | LTD    | LTD      | LTD     | 0.023 |      |     |
| <b>Norris Arm</b>              |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Norris Arm (south)             | Mill Lake               | Apr 11, 2017 | LTD  | 3.9  | 0.058        | LTD               | 0.005            | 0.052    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.140  | 0.110        | LTD   | 0.720     | 0.012        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Norris Arm (south)             | Mill Lake               | Jun 08, 2017 | LTD  | 4.4  | 0.061        | 0.180             | LTD              | 0.059    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.210  | 0.086        | LTD   | 0.770     | 0.003        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Norris Point</b>            |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Norris Point                   | Neddy Harbour Pond      | Jun 12, 2017 | LTD  | 3.0  | 0.082        | 0.120             | LTD              | 0.014    | LTD      | LTD     | 0.004  | LTD     | 0.00130  | 0.110  | LTD          | LTD   | 14.000    | 0.010        | LTD     | LTD    | LTD      | 0.0001  | 0.006 |      |     |
| <b>North Harbour</b>           |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| North Harbour                  | Grandfather's Pond      | Jun 14, 2017 | LTD  | 5.2  | 0.060        | 0.160             | 0.006            | 0.120    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.002  | 0.300        | LTD   | 0.320     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| <b>Northern Arm</b>            |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Northern Arm                   | Northern Arm Lake       | Apr 11, 2017 | LTD  | 1.4  | 0.076        | LTD               | LTD              | 0.043    | LTD      | LTD     | 0.007  | LTD     | LTD      | 0.190  | LTD          | 0.001 | 0.650     | 0.022        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| Northern Arm                   | Northern Arm Lake       | Jun 08, 2017 | LTD  | 1.3  | LTD          | LTD               | LTD              | 0.880    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.012  | LTD          | LTD   | 0.230     | 0.004        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Old Perlican</b>            |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Old Perlican                   | Bell Pond               | Jun 07, 2017 | LTD  | 2.4  | LTD          | LTD               | 0.005            | 0.095    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.630  | 0.110        | 0.003 | 0.530     | 0.025        | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Pacquet</b>                 |                         |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pacquet                        | Big Brook               | Apr 10, 2017 | LTD  | 9.9  | LTD          | 0.230             | 0.007            | 0.380    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.200  | <u>0.330</u> | 0.001 | 0.630     | 0.021        | LTD     | LTD    | LTD      | 0.0005  | 0.008 |      |     |
| Pacquet                        | Big Brook               | Jun 23, 2017 | LTD  | 6.3  | 0.055        | 0.120             | 0.006            | 0.240    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.150  | 0.120        | LTD   | 0.240     | 0.007        | 0.00002 | LTD    | LTD      | 0.0003  | 0.006 |      |     |
| Pacquet - PWDU                 | Big Brook               | Apr 26, 2017 | LTD  | LTD  | LTD          | 0.170             | LTD              | 0.006    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.004  | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Pacquet - PWDU                 | Big Brook               | Jun 23, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | 0.002  | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)                 | Source Name          | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|----------------------------------|----------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                  |                      |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                  |                      |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|                                  |                      |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | A     | A         | C            |         | A      | C        |         | C     | C    | A   |
| <b>Paradise</b>                  |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Paradise                         | Bay Bulls Big Pond   | Jun 15, 2017 | 0.350  | 1.1  | 0.091        | 0.380             | LTD              | 0.120    | LTD      | LTD     | 0.001  | LTD     | 0.00180  | 0.025  | LTD          | LTD   | 0.570     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Parkers Cove</b>              |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Parkers Cove                     | Unnamed brook        | May 29, 2017 | LTD  | 7.1  | LTD          | 0.150             | 0.006            | 0.240    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.150  | 0.300        | LTD   | 0.390     | 0.021        | LTD     | LTD    | LTD      | LTD     | 0.005 |      |     |
| <b>Parson's Pond</b>             |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Parson's Pond                    | Cold Brook           | Jun 14, 2017 | LTD  | 1.5  | 0.670        | LTD               | 0.005            | 0.026    | LTD      | LTD     | 0.120  | LTD     | LTD      | 0.037  | 0.200        | LTD   | 13.000    | <u>0.150</u> | LTD     | LTD    | LTD      | 0.0002  | 0.007 |      |     |
| <b>Pasadena</b>                  |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pasadena                         | Blue Gulch Pond      | Jun 13, 2017 | LTD  | 4.3  | LTD          | 0.110             | LTD              | 0.037    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.012  | LTD          | 0.001 | 0.650     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| <b>Peterview</b>                 |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Peterview                        | Northern Arm Lake    | Apr 09, 2017 | LTD  | 1.6  | 0.075        | LTD               | LTD              | 0.400    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.006  | LTD          | LTD   | 0.640     | 0.022        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Peterview                        | Northern Arm Lake    | Jun 08, 2017 | LTD  | 1.5  | LTD          | LTD               | LTD              | 0.930    | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | LTD          | LTD   | 0.240     | 0.014        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Petit Forte</b>               |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Petit Forte                      | Reddy's Pond         | May 31, 2017 | LTD  | 5.5  | LTD          | 0.140             | 0.006            | 0.230    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.082  | <u>0.700</u> | 0.001 | 0.950     | 0.012        | LTD     | LTD    | LTD      | LTD     | 0.017 |      |     |
| <b>Petty Harbour-Maddox Cove</b> |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Petty Harbour-Maddox Cove        | Western Barrens Pond | Jun 30, 2017 | LTD  | 3.1  | LTD          | 0.120             | LTD              | 0.120    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.021  | LTD          | 0.001 | 0.380     | 0.005        | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Phillips Head</b>             |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Phillips Head                    | Dogberry Brook       | Apr 10, 2017 | LTD  | 8.3  | 0.100        | 0.200             | 0.010            | 0.200    | LTD      | LTD     | 0.003  | LTD     | LTD      | LTD    | 0.160        | LTD   | 0.530     | 0.010        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Phillips Head                    | Dogberry Brook       | Jun 08, 2017 | LTD  | 5.8  | 0.075        | 0.220             | LTD              | 0.100    | LTD      | LTD     | 0.002  | LTD     | LTD      | LTD    | 0.070        | LTD   | 0.890     | 0.006        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Piccadilly Head</b>           |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Piccadilly Head (+West Bay)      | Unnamed Brook        | Jun 07, 2017 | LTD  | 5.3  | 0.100        | 0.170             | LTD              | 0.059    | LTD      | LTD     | 0.051  | LTD     | LTD      | 0.004  | 0.052        | LTD   | 5.700     | LTD          | 0.00002 | LTD    | LTD      | 0.0002  | 0.007 |      |     |
| <b>Pidgeon Cove-St. Barbe</b>    |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pigeon Cove - St. Barbe          | Long Pond            | Jun 07, 2017 | LTD  | 5.7  | LTD          | 0.170             | LTD              | 0.011    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.078  | LTD          | LTD   | 7.300     | 0.003        | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Pilley's Island</b>           |                      |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pilley's Island                  | Loadabats Pond       | Apr 10, 2017 | LTD  | 4.6  | 0.140        | 0.230             | 0.008            | 0.056    | LTD      | LTD     | 0.055  | LTD     | LTD      | 0.210  | 0.077        | 0.001 | 3.200     | 0.011        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                    | Source Name       | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|-------------------------------------|-------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                     |                   |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                     |                   |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|                                     |                   |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       | C     | C    | A   |
| <b>Pilley's Island</b>              |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pilley's Island                     | Loadabats Pond    | Jun 01, 2017 | LTD  | 4.3  | LTD          | 0.190             | LTD              | 0.033    | LTD      | LTD     | 0.046  | LTD     | LTD      | 0.080  | LTD          | LTD   | 2.800     | <u>0.072</u> | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Placentia</b>                    |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Dunville                            | Wyses Pond        | Jun 13, 2017 | LTD  | 3.0  | LTD          | LTD               | 0.005            | 0.063    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.170  | 0.140        | 0.001 | 0.760     | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.022 |      |     |
| Placentia, Jerseyside, SE Placentia | Larkins Pond      | Jun 13, 2017 | LTD  | 4.9  | LTD          | 0.130             | LTD              | 0.046    | LTD      | LTD     | 0.010  | LTD     | LTD      | 0.120  | 0.062        | 0.001 | 1.300     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.011 |      |     |
| Freshwater, Argentia site           | Clarkes Pond      | Jun 13, 2017 | LTD  | 4.6  | LTD          | 0.110             | LTD              | 0.050    | LTD      | LTD     | 0.012  | LTD     | LTD      | 0.150  | LTD          | LTD   | 1.400     | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.005 |      |     |
| <b>Pleasantview</b>                 |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pleasantview                        | Little Arm Pond   | Apr 11, 2017 | LTD  | 7.1  | 0.061        | 0.210             | 0.009            | 0.084    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.070  | <u>0.500</u> | 0.001 | 1.300     | <u>0.320</u> | LTD     | LTD    | LTD      | LTD     | 0.009 |      |     |
| Pleasantview                        | Little Arm Pond   | Jun 06, 2017 | 0.069  | 6.3  | LTD          | 0.240             | 0.010            | 0.120    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.062  | 0.240        | 0.001 | 0.640     | <u>0.760</u> | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Plum Point</b>                   |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Plum Point                          | Grand Pond        | Jun 07, 2017 | LTD  | 6.0  | LTD          | 0.200             | 0.004            | 0.008    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.013  | 0.052        | 0.001 | 9.500     | 0.008        | 0.00002 | LTD    | LTD      | LTD     | 0.005 |      |     |
| <b>Point Lance</b>                  |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Point Lance                         | Unnamed Pond      | Jun 13, 2017 | LTD  | 7.4  | 0.063        | 0.170             | 0.007            | 0.100    | LTD      | LTD     | 0.001  | 0.00001 | LTD      | 0.010  | <u>0.410</u> | LTD   | 1.800     | 0.016        | LTD     | LTD    | LTD      | LTD     | 0.009 |      |     |
| <b>Point Leamington</b>             |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Point Leamington                    | Little Pond       | Apr 11, 2017 | LTD  | 5.2  | 0.092        | 0.110             | 0.004            | 0.097    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.150  | 0.120        | 0.001 | 0.720     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.005 |      |     |
| Point Leamington                    | Little Pond       | Jun 06, 2017 | LTD  | 5.2  | LTD          | 0.150             | LTD              | 0.099    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.280  | 0.100        | 0.001 | 0.430     | 0.008        | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| <b>Point May</b>                    |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Point May                           | Short's Pond      | May 30, 2017 | LTD  | 6.0  | 0.059        | 0.140             | 0.004            | 0.052    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.230  | <u>0.370</u> | LTD   | 0.530     | 0.011        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Point May - PWDU                    | Short's Pond      | May 30, 2017 | LTD  | LTD  | 0.068        | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | 0.007  | LTD          | LTD   | 0.170     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Point of Bay</b>                 |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Point of Bay                        | Indian Cove Pond  | Apr 10, 2017 | LTD  | 5.0  | 0.130        | 0.140             | 0.005            | 0.062    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.091  | 0.120        | LTD   | 1.300     | 0.003        | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| Point of Bay                        | Indian Cove Pond  | Jun 08, 2017 | LTD  | 5.5  | 0.055        | 0.200             | LTD              | 0.071    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.065  | LTD          | LTD   | 0.570     | 0.003        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Pollards Point</b>               |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pollards Point, Country Cove        | Country Cove Pond | Jun 12, 2017 | LTD  | 4.6  | LTD          | 0.120             | LTD              | 0.057    | LTD      | LTD     | 0.041  | LTD     | LTD      | 0.090  | LTD          | 0.001 | 0.640     | 0.029        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)                  | Source Name       | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|-----------------------------------|-------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                   |                   |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                   |                   |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|                                   |                   |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | C     | A         | A            | C       | A      | C        |         | C     | C    | A   |
| <b>Pollards Point</b>             |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pollards Point East               | George Ricks Pond | Jun 20, 2017 | LTD  | 6.6  | 0.057        | 0.140             | 0.006            | 0.160    | LTD      | LTD     | 0.018  | LTD     | LTD      | 0.022  | 0.200        | LTD   | 0.290     | 0.033        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Pool's Cove</b>                |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pool's Cove                       | Widgeon Pond      | Apr 07, 2017 | LTD  | 4.0  | 0.052        | 0.130             | 0.008            | 0.150    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.080  | <u>0.310</u> | 0.003 | 1.600     | <u>0.055</u> | LTD     | LTD    | LTD      | 0.0001  | 0.008 |      |     |
| Pool's Cove                       | Widgeon Pond      | May 30, 2017 | LTD  | 3.3  | LTD          | 0.150             | LTD              | 0.069    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.035  | 0.095        | 0.001 | 1.100     | 0.008        | LTD     | LTD    | LTD      | 0.0001  | 0.008 |      |     |
| <b>Port Albert</b>                |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Port Albert                       | Beaverton Pond    | Apr 11, 2017 | LTD  | 6.1  | 0.060        | 0.260             | 0.007            | 0.039    | LTD      | LTD     | 0.003  | 0.00001 | LTD      | 0.027  | 0.270        | LTD   | 1.400     | <u>0.480</u> | LTD     | LTD    | LTD      | LTD     | 0.033 |      |     |
| Port Albert                       | Beaverton Pond    | Jun 15, 2017 | LTD  | 6.2  | LTD          | 0.230             | 0.006            | 0.043    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.024  | 0.050        | LTD   | 0.720     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.013 |      |     |
| <b>Port Anson</b>                 |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Port Anson                        | Anchor Pond       | Apr 09, 2017 | LTD  | 12.0 | LTD          | 0.350             | 0.010            | 0.230    | LTD      | LTD     | 0.008  | 0.00001 | 0.00140  | 0.064  | <u>4.600</u> | 0.009 | 1.300     | <u>1.100</u> | LTD     | LTD    | LTD      | LTD     | 0.013 |      |     |
| Port Anson                        | Anchor Pond       | Jun 01, 2017 | 0.055  | 8.7  | LTD          | 0.220             | LTD              | 0.160    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.036  | <u>1.300</u> | 0.001 | 0.660     | <u>0.110</u> | LTD     | LTD    | LTD      | LTD     | 0.013 |      |     |
| <b>Port Blandford</b>             |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Port Blandford                    | Noseworthy's Pond | Jun 13, 2017 | LTD  | 3.9  | 0.072        | 0.150             | LTD              | 0.041    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.150  | 0.085        | 0.003 | 2.000     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.025 |      |     |
| <b>Port Saunders</b>              |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Port Saunders                     | Tom Taylor's Pond | Jun 29, 2017 | LTD  | 6.2  | 0.051        | 0.180             | LTD              | 0.015    | LTD      | LTD     | 0.007  | LTD     | LTD      | 0.120  | LTD          | 0.001 | 9.300     | 0.005        | 0.00002 | LTD    | LTD      | LTD     | 0.007 |      |     |
| Port Saunders - PWDU              | Tom Taylor's Pond | Jun 29, 2017 | LTD  | LTD  | 0.054        | LTD               | LTD              | 0.007    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.008  | LTD          | LTD   | 3.900     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Port au Choix</b>              |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Port au Choix                     | Winterhouse Pond  | Jun 29, 2017 | LTD  | 4.6  | LTD          | 0.180             | 0.004            | 0.019    | LTD      | LTD     | 0.008  | 0.00002 | LTD      | 0.150  | 0.085        | LTD   | 8.000     | 0.007        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Port au Choix - PWDU              | Winterhouse Pond  | Jun 29, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | LTD          | LTD   | LTD       | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Portland Creek</b>             |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Portland Creek                    | Unnamed Streams   | Jun 14, 2017 | LTD  | 2.4  | 0.150        | LTD               | LTD              | 0.009    | LTD      | LTD     | 0.021  | LTD     | LTD      | LTD    | LTD          | LTD   | 4.800     | LTD          | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Portugal Cove South</b>        |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Portugal Cove South               | Wrights Brook     | Jun 20, 2017 | LTD  | 1.3  | LTD          | LTD               | 0.004            | 0.037    | LTD      | LTD     | LTD    | 0.00001 | LTD      | 0.180  | LTD          | LTD   | 1.000     | LTD          | LTD     | LTD    | LTD      | LTD     | 0.014 |      |     |
| <b>Portugal Cove-St. Phillips</b> |                   |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)                  | Source Name              | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|-----------------------------------|--------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|-----|
|                                   |                          |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                   |                          |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3          | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|                                   |                          |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A            | C       |        | A        | C       | C     | C    | A   |
| <b>Portugal Cove-St. Phillips</b> |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Portugal Cove-St. Phillips        | Bay Bulls Big Pond       | Jun 15, 2017 | 0.370  | 1.2  | 0.095        | 0.350             | LTD              | 0.120    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.030  | 0.065        | LTD   | 0.500     | 0.011        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Pouch Cove</b>                 |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pouch Cove                        | North Three Island Pond  | Jun 21, 2017 | LTD  | 6.0  | LTD          | 0.180             | 0.007            | 0.081    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.130  | 0.230        | LTD   | 0.700     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.011 |      |     |
| <b>Purcell's Harbour</b>          |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Purcell's Harbour                 | Purcell's Harbour Pond   | Apr 11, 2017 | LTD  | 11.0 | 0.073        | 0.280             | 0.008            | 0.290    | LTD      | LTD     | 0.004  | 0.00001 | LTD      | 0.027  | <u>0.550</u> | LTD   | 2.300     | <u>0.089</u> | 0.00001 | LTD    | LTD      | LTD     | 0.015 |      |     |
| Purcell's Harbour                 | Purcell's Harbour Pond   | Jun 14, 2017 | 0.060  | 8.8  | LTD          | 0.220             | 0.006            | 0.180    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.020  | 0.190        | LTD   | 1.000     | 0.004        | 0.00002 | LTD    | LTD      | LTD     | 0.011 |      |     |
| <b>Pynn's Brook</b>               |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Pynn's Brook                      | Pynn's Brook             | Jun 22, 2017 | LTD  | 2.7  | 0.055        | 0.130             | 0.008            | 0.047    | LTD      | LTD     | 0.036  | LTD     | LTD      | 0.027  | 0.075        | LTD   | 2.000     | <u>0.063</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Ramea</b>                      |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Ramea                             | Northwest Pond           | May 28, 2017 | LTD  | 1.2  | 0.078        | LTD               | LTD              | 0.140    | LTD      | LTD     | 0.008  | 0.00002 | LTD      | LTD    | <u>0.400</u> | LTD   | 39.000    | 0.015        | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| Ramea                             | Northwest Pond           | Jun 28, 2017 | LTD  | 1.3  | 0.068        | LTD               | LTD              | 0.110    | LTD      | LTD     | 0.007  | LTD     | LTD      | LTD    | 0.200        | LTD   | 39.000    | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Ramea - PWDU                      | Northwest Pond           | May 28, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.006    | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | LTD          | LTD   | 0.200     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Ramea - PWDU                      | Northwest Pond           | Jun 28, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.007    | LTD      | LTD     | LTD    | LTD     | LTD      | LTD    | LTD          | LTD   | 0.130     | LTD          | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Random Sound West</b>          |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Queen's Cove                      | Reservoir                | Jun 14, 2017 | 0.070  | 5.1  | 0.086        | 0.170             | 0.006            | 0.079    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.045  | <u>0.390</u> | LTD   | 0.640     | 0.031        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Rattling Brook</b>             |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Rattling Brook                    | Mark's Pond Brook        | Apr 11, 2017 | LTD  | 6.0  | LTD          | 0.110             | 0.006            | 0.280    | LTD      | LTD     | 0.003  | 0.00003 | LTD      | 0.004  | 0.220        | LTD   | 0.290     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| Rattling Brook                    | Mark's Pond Brook        | Jun 21, 2017 | LTD  | 4.5  | LTD          | 0.110             | LTD              | 0.210    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.005  | 0.110        | 0.001 | 0.200     | 0.014        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Reidville</b>                  |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| Reidville                         | Humber Canal, Grand Lake | Jun 12, 2017 | LTD  | 3.4  | 0.140        | LTD               | LTD              | 0.058    | LTD      | LTD     | 0.005  | LTD     | LTD      | 0.170  | 0.052        | LTD   | 0.720     | LTD          | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>River of Ponds</b>             |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |
| River of Ponds                    | Burnt Head Ponds         | Jun 29, 2017 | LTD  | 4.5  | LTD          | LTD               | LTD              | 0.011    | LTD      | LTD     | 0.005  | LTD     | LTD      | LTD    | LTD          | LTD   | 4.800     | 0.006        | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Robert's Arm</b>               |                          |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                   | Source Name                 | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|------------------------------------|-----------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|-----------|---------|--------|----------|---------|-------|------|-----|
|                                    |                             |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                                    |                             |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         |        | 0.006   | 0.01     | 1.0    | 0.005        | 0.05  | 1.0       | 0.3       | 0.01    |        | 0.05     | 0.001   | 0.01  | 0.02 | 5.0 |
|                                    |                             |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         |        | C       | C        | C      | C            | C     | A         | A         | C       |        | A        | C       | C     | C    | A   |
| <b>Robert's Arm</b>                |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Robert's Arm                       | Young's Pond / Dam Pond     | Apr 10, 2017 | LTD  | 3.2  | 0.150        | 0.170             | 0.006            | 0.048    | LTD      | LTD     | 0.036  | LTD     | LTD      | 0.230  | 0.170        | LTD   | 1.700     | 0.007     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Robert's Arm                       | Young's Pond / Dam Pond     | Jun 01, 2017 | 0.052  | 4.3  | LTD          | 0.170             | LTD              | 0.080    | LTD      | LTD     | 0.018  | LTD     | LTD      | 0.100  | 0.097        | LTD   | 0.970     | 0.008     | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>Rocky Harbour</b>               |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Rocky Harbour                      | Gull Pond                   | Jun 12, 2017 | LTD  | 5.0  | LTD          | 0.130             | LTD              | 0.029    | LTD      | LTD     | 0.007  | LTD     | LTD      | 0.100  | 0.058        | 0.001 | 5.500     | 0.003     | LTD     | LTD    | LTD      | LTD     | 0.012 |      |     |
| <b>Roddickton-Bide Arm</b>         |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Bide Arm                           | First Clay Cove Pond        | Jun 05, 2017 | 0.054  | 4.7  | LTD          | 0.180             | 0.008            | 0.008    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.015  | LTD          | LTD   | 8.400     | 0.004     | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| Roddickton                         | East Brook Pond             | Jun 05, 2017 | LTD  | 3.7  | 0.064        | 0.130             | LTD              | 0.047    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.057  | 0.053        | LTD   | 3.300     | 0.004     | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| <b>Rose Blanche-Harbour Le Cou</b> |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Rose Blanche-Harbour Le Cou        | Rose Blanche Brook          | May 31, 2017 | LTD  | 2.1  | LTD          | 0.110             | 0.006            | 0.067    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.008  | 0.052        | LTD   | 0.170     | 0.003     | LTD     | LTD    | LTD      | LTD     | 0.016 |      |     |
| <b>Rushoon</b>                     |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Rushoon                            | Big Pond Brook              | May 29, 2017 | LTD  | 3.8  | 0.063        | LTD               | LTD              | 0.110    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.058  | LTD          | 0.002 | 0.450     | 0.006     | LTD     | LTD    | LTD      | LTD     | 0.012 |      |     |
| <b>Salmon Cove</b>                 |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Salmon Cove                        | Rocky Pond                  | Jun 01, 2017 | LTD  | 2.3  | LTD          | LTD               | LTD              | 0.056    | LTD      | LTD     | 0.002  | 0.00001 | LTD      | 0.170  | 0.058        | 0.004 | 0.420     | 0.016     | LTD     | LTD    | LTD      | LTD     | 0.012 |      |     |
| <b>Salvage</b>                     |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Salvage                            | Wild Cove Pond              | May 16, 2017 | LTD  | 9.8  | LTD          | 0.160             | LTD              | 0.260    | LTD      | LTD     | 0.003  | 0.00002 | LTD      | 0.140  | 0.200        | 0.001 | 0.650     | 0.004     | 0.00001 | LTD    | LTD      | LTD     | 0.019 |      |     |
| <b>Seal Cove (FB)</b>              |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Seal Cove, F.B.                    | Big Black Duck Pond         | Apr 08, 2017 | LTD  | 6.4  | LTD          | LTD               | 0.006            | 0.240    | LTD      | LTD     | 0.003  | 0.00001 | LTD      | 0.140  | 0.300        | LTD   | 0.810     | 0.012     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Seal Cove, F.B.                    | Big Black Duck Pond         | May 30, 2017 | LTD  | 6.0  | LTD          | 0.140             | LTD              | 0.200    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.170  | 0.180        | LTD   | 0.490     | 0.005     | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| Seal Cove, F.B. - PWDU             | Big Black Duck Pond         | Apr 08, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.006    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.009  | LTD          | LTD   | LTD       | LTD       | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Seal Cove, F.B. - PWDU             | Big Black Duck Pond         | May 30, 2017 | 0.063  | LTD  | LTD          | LTD               | LTD              | LTD      | LTD      | LTD     | LTD    | LTD     | LTD      | 0.014  | LTD          | LTD   | LTD       | LTD       | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Seal Cove (WB)</b>              |                             |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Seal Cove, W.B.                    | Seal Cove Brook & Long Pond | Apr 06, 2017 | LTD  | 11.0 | 0.080        | 0.230             | LTD              | 0.200    | LTD      | LTD     | 0.008  | LTD     | 0.00100  | 0.160  | <u>0.370</u> | 0.003 | 0.980     | 0.008     | LTD     | LTD    | LTD      | LTD     | 0.019 |      |     |
| Seal Cove, W.B.                    | Seal Cove Brook & Long Pond | Jun 19, 2017 | LTD  | 8.8  | 0.054        | 0.160             | 0.007            | 0.190    | LTD      | LTD     | 0.006  | 0.00001 | 0.00100  | 0.330  | 0.130        | 0.002 | 0.470     | 0.011     | 0.00002 | LTD    | LTD      | LTD     | 0.023 |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)        | Source Name                  | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|-------------------------|------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|-----------|---------|--------|----------|---------|-------|------|-----|
|                         |                              |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                         |                              |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01      |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|                         |                              |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | A     | A         | C         |         | A      | C        |         | C     | C    | A   |
| <b>Sheaves Cove</b>     |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Sheaves Cove            | Unnamed Brook                | Jun 07, 2017 | LTD  | 1.4  | 0.190        | 0.120             | LTD              | 0.017    | LTD      | LTD     | 0.013  | LTD     | LTD      | 0.033  | LTD          | LTD   | 5.800     | LTD       | LTD     | LTD    | LTD      | 0.0001  | 0.018 |      |     |
| <b>Sheppardville</b>    |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Sheppardville           | Drilled                      | Apr 13, 2017 | LTD  | 2.3  | LTD          | 0.110             | LTD              | 0.010    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.041  | 0.062        | LTD   | 2.100     | 0.022     | LTD     | LTD    | LTD      | 0.0038  | LTD   |      |     |
| Sheppardville           | Drilled                      | Jun 23, 2017 | LTD  | 2.4  | LTD          | LTD               | LTD              | 0.009    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.053  | 0.050        | LTD   | 2.000     | 0.018     | 0.00002 | LTD    | LTD      | 0.0037  | LTD   |      |     |
| <b>Shoe Cove</b>        |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Shoe Cove               | Second Pond                  | Apr 10, 2017 | LTD  | 13.0 | 0.077        | 0.280             | 0.008            | 0.270    | LTD      | LTD     | 0.004  | LTD     | 0.00110  | 0.086  | <u>0.350</u> | LTD   | 0.940     | 0.019     | 0.00001 | LTD    | LTD      | LTD     | 0.009 |      |     |
| Shoe Cove               | Second Pond                  | Jun 20, 2017 | LTD  | 9.1  | 0.055        | 0.140             | 0.007            | 0.200    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.045  | 0.210        | LTD   | 0.490     | 0.006     | 0.00002 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Smith's Harbour</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Smith's Harbour         | Fleshetts Brook              | Apr 06, 2017 | LTD  | 11.0 | 0.056        | 0.210             | 0.004            | 0.370    | LTD      | LTD     | 0.005  | 0.00002 | 0.00140  | 0.025  | <u>0.350</u> | LTD   | 0.810     | 0.007     | LTD     | LTD    | LTD      | 0.0002  | 0.006 |      |     |
| Smith's Harbour         | Fleshetts Brook              | Jun 19, 2017 | LTD  | 8.7  | 0.062        | 0.150             | 0.007            | 0.310    | LTD      | LTD     | 0.004  | LTD     | 0.00130  | 0.027  | 0.180        | LTD   | 0.490     | 0.011     | LTD     | LTD    | LTD      | 0.0002  | 0.008 |      |     |
| <b>Snook's Arm</b>      |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Snook's Arm             | NFLD Hydro Penstock          | Apr 26, 2017 | LTD  | 6.4  | LTD          | 0.290             | LTD              | 0.150    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.006  | 0.070        | LTD   | 0.810     | 0.009     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Snook's Arm             | NFLD Hydro Penstock          | Jun 20, 2017 | LTD  | 5.5  | 0.059        | 0.110             | LTD              | 0.150    | LTD      | LTD     | 0.003  | LTD     | 0.00100  | 0.006  | 0.063        | LTD   | 0.610     | 0.010     | 0.00001 | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Sop's Arm</b>        |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Sop's Arm               | Little Tickle Pond           | Jun 12, 2017 | 0.087  | 6.2  | 0.590        | 0.120             | LTD              | 0.210    | LTD      | LTD     | 0.022  | LTD     | LTD      | 0.530  | 0.140        | 0.006 | 1.100     | 0.015     | LTD     | LTD    | LTD      | LTD     | 0.015 |      |     |
| <b>South Brook</b>      |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| South Brook             | Next to Brook                | Apr 09, 2017 | LTD  | LTD  | 0.400        | LTD               | LTD              | 0.013    | LTD      | LTD     | 0.003  | 0.00005 | LTD      | 0.200  | LTD          | LTD   | 2.900     | LTD       | LTD     | LTD    | LTD      | 0.0003  | LTD   |      |     |
| South Brook             | Next to Brook                | May 31, 2017 | LTD  | LTD  | 0.370        | 0.120             | LTD              | 0.006    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.140  | LTD          | LTD   | 2.700     | LTD       | LTD     | LTD    | LTD      | 0.0002  | 0.005 |      |     |
| <b>South Dildo</b>      |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| South Dildo             | Broad Cove Pond              | Jun 08, 2017 | LTD  | 3.3  | LTD          | 0.110             | LTD              | 0.073    | LTD      | LTD     | 0.001  | 0.00001 | LTD      | 0.210  | 0.110        | 0.002 | 0.600     | 0.008     | LTD     | LTD    | LTD      | LTD     | 0.023 |      |     |
| <b>South River</b>      |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| South River             | Brigus Long Pond (to Brigus) | Jun 21, 2017 | LTD  | 2.5  | 0.053        | LTD               | LTD              | 0.043    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.005  | LTD          | LTD   | 0.610     | 0.007     | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| <b>Southern Harbour</b> |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)  | Source Name                  | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|---|------------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|-----------|---------|--------|----------|---------|-------|------|-----|
|   |                              |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|   |                              |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01      |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|   |                              |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C            | A     | A         | C         |         | A      | C        |         | C     | C    | A   |
| <b>Southern Harbour</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Southern Harbour  | Brigades Pond                | May 24, 2017 | LTD  | 3.8  | 0.066        | 0.120             | LTD              | 0.081    | LTD      | LTD     | 0.012  | LTD     | LTD      | 0.100  | 0.090        | LTD   | 0.610     | 0.009     | LTD     | LTD    | LTD      | LTD     | 0.006 |      |     |
| <b>Spaniard's Bay</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Spaniard's Bay (+Upper Island Cove, + Bryant's Cove)                  | Kelly's Pond (Spider's Pond) | Jun 01, 2017 | LTD  | 3.4  | LTD          | 0.130             | LTD              | 0.078    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.460  | 0.051        | 0.001 | 0.460     | 0.005     | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| <b>Springdale</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| Springdale  | Sullivan's Pond (2 Intakes)  | Apr 13, 2017 | LTD  | 4.2  | 0.062        | 0.170             | LTD              | 0.039    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.043  | 0.050        | LTD   | 1.100     | 0.012     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Springdale  | Sullivan's Pond (2 Intakes)  | Jun 21, 2017 | LTD  | 3.2  | 0.057        | 0.230             | LTD              | 0.036    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.038  | LTD          | LTD   | 0.800     | 0.005     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| Springdale Industrial Park  | Well                         | Apr 13, 2017 | LTD  | LTD  | 0.300        | 0.100             | 0.016            | 0.006    | LTD      | 0.002   | 0.011  | LTD     | LTD      | 0.005  | LTD          | LTD   | 4.500     | LTD       | LTD     | LTD    | LTD      | 0.0002  | 0.026 |      |     |
| <b>St. Alban's</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| St. Alban's   | Well Field                   | Apr 07, 2017 | LTD  | LTD  | 0.320        | LTD               | 0.005            | 0.017    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.005  | LTD          | LTD   | 1.000     | LTD       | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>St. Anthony</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| St. Anthony   | St. Anthony Pond             | Jun 06, 2017 | LTD  | 5.3  | 0.110        | 0.180             | LTD              | 0.063    | LTD      | LTD     | 0.002  | LTD     | 0.00150  | 0.140  | 0.100        | LTD   | 3.600     | 0.003     | 0.00001 | 0.011  | LTD      | LTD     | 0.007 |      |     |
| <b>St. Anthony Bight</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| St. Anthony Bight   | Cabbox Pond                  | Jun 06, 2017 | LTD  | 6.4  | 0.065        | 0.180             | LTD              | 0.140    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.073  | <u>0.350</u> | LTD   | 0.430     | 0.005     | LTD     | LTD    | LTD      | LTD     | 0.007 |      |     |
| <b>St. Bernard's-Jacques Fontaine</b>                                 |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| St. Bernard's-Jacques Fontaine  | Rattle Brook                 | May 31, 2017 | LTD  | 4.7  | LTD          | 0.160             | 0.006            | 0.100    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.280  | 0.180        | 0.001 | 0.430     | 0.009     | LTD     | LTD    | LTD      | LTD     | 0.012 |      |     |
| <b>St. Bride's</b>  |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| St. Bride's   | North Side Brook             | Jun 13, 2017 | LTD  | 3.8  | 0.064        | 0.100             | LTD              | 0.016    | LTD      | LTD     | 0.019  | LTD     | LTD      | 0.012  | 0.084        | 0.001 | 1.400     | 0.022     | LTD     | LTD    | LTD      | LTD     | 0.008 |      |     |
| St. Bride's   | South Side Brook             | Jun 13, 2017 | LTD  | 9.1  | LTD          | 0.180             | 0.007            | 0.076    | LTD      | LTD     | 0.040  | LTD     | LTD      | 0.110  | <u>0.400</u> | 0.003 | 1.300     | 0.008     | LTD     | 0.007  | LTD      | LTD     | 0.045 |      |     |
| <b>St. John's</b>   |                              |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |      |     |
| St. John's (+Mt. Pearl, +Paradise, +Portugal Cove-St. Phillips, +CBS) | Bay Bulls Big Pond           | Jun 15, 2017 | 0.340  | 1.2  | 0.099        | 0.360             | LTD              | 0.100    | LTD      | LTD     | 0.001  | LTD     | 0.00120  | LTD    | LTD          | LTD   | 0.550     | 0.009     | LTD     | LTD    | LTD      | LTD     | 0.010 |      |     |
| St. John's  | Windsor Lake                 | Jun 13, 2017 | 0.110  | 2.0  | LTD          | LTD               | LTD              | 0.049    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.017  | LTD          | LTD   | 0.620     | 0.015     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| St. John's  | Petty Harbour Long Pond      | Jun 13, 2017 | LTD  | 1.3  | LTD          | LTD               | LTD              | 0.040    | LTD      | LTD     | 0.002  | LTD     | LTD      | LTD    | LTD          | 0.001 | 0.570     | 0.033     | LTD     | LTD    | LTD      | LTD     | 0.020 |      |     |



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)           | Source Name                | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron  | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |      |     |
|----------------------------|----------------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|-------|-------|-----------|-----------|---------|--------|----------|---------|-------|------|-----|
|                            |                            |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L  | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L |     |
|                            |                            |              | Guidelines for Canadian Drinking Water Quality |      |              | 10                |                  |          |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05  | 1.0   | 0.3       | 0.01      |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0 |
|                            |                            |              | Aesthetic (A) or Contaminant (C) Parameter     |      |              | C                 |                  |          |          |         | C      | C       | C        | C      | C     | A     | A         | C         |         | A      | C        |         | C     | C    | A   |
| <b>St. Judes</b>           |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| St. Judes                  | Uncle Arthur Brook         | Jun 22, 2017 | LTD  | 4.8  | LTD          | 0.150             | 0.005            | 0.053    | LTD      | LTD     | 0.022  | LTD     | LTD      | 0.007  | LTD   | LTD   | 2.600     | 0.038     | LTD     | LTD    | LTD      | 0.0002  | LTD   |      |     |
| St. Judes                  | Chute Brook                | Jun 22, 2017 | 0.052  | 2.8  | LTD          | LTD               | LTD              | 0.032    | LTD      | LTD     | 0.021  | LTD     | LTD      | 0.020  | LTD   | 0.001 | 1.600     | 0.007     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>St. Lawrence</b>        |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| St. Lawrence               | St. Lawrence River         | May 30, 2017 | LTD  | 3.2  | LTD          | 0.100             | LTD              | 0.081    | LTD      | LTD     | 0.007  | LTD     | LTD      | 0.011  | 0.210 | LTD   | 0.400     | 0.017     | LTD     | LTD    | LTD      | 0.0002  | LTD   |      |     |
| St. Lawrence - PWDU        | St. Lawrence River         | May 30, 2017 | LTD  | 1.9  | 0.410        | LTD               | 0.008            | 0.270    | LTD      | LTD     | 0.007  | LTD     | 0.00240  | 0.120  | 0.140 | 0.001 | 0.410     | 0.014     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>St. Lunaire-Griquet</b> |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| St. Lunaire-Griquet        | Joe's Pond                 | Jun 06, 2017 | LTD  | 8.5  | LTD          | 0.200             | 0.004            | 0.110    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.040  | 0.180 | 0.001 | 0.940     | 0.031     | LTD     | LTD    | LTD      | LTD     | 0.024 |      |     |
| Gunners Cove               | Lookout Brook              | Jun 06, 2017 | LTD  | 9.6  | LTD          | 0.240             | LTD              | 0.150    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.120  | 0.170 | 0.001 | 0.880     | 0.008     | 0.00002 | LTD    | LTD      | LTD     | 0.011 |      |     |
| <b>St. Patricks</b>        |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| St. Patricks               | David Joy Well             | Apr 13, 2017 | LTD  | LTD  | LTD          | LTD               | LTD              | 0.006    | LTD      | 0.004   | 0.008  | LTD     | LTD      | 0.002  | 0.066 | LTD   | 6.000     | 0.014     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>St. Pauls</b>           |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| St. Pauls                  | Two Mile Pond              | Jun 14, 2017 | LTD  | 6.1  | 0.076        | 0.170             | 0.006            | 0.027    | LTD      | LTD     | 0.018  | LTD     | LTD      | 0.300  | 0.100 | 0.001 | 2.700     | 0.002     | LTD     | LTD    | LTD      | LTD     | 0.035 |      |     |
| <b>St. Shott's</b>         |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| St. Shott's                | Unnamed Pond               | Jun 20, 2017 | LTD  | 2.6  | 0.084        | 0.140             | 0.008            | 0.072    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.009  | 0.096 | LTD   | 1.300     | LTD       | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |
| <b>Steady Brook</b>        |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| Steady Brook               | Wellfield and Steady Brook | May 30, 2017 | LTD  | 2.2  | LTD          | LTD               | LTD              | 0.037    | LTD      | LTD     | 0.051  | LTD     | LTD      | 0.045  | LTD   | LTD   | 2.200     | 0.007     | LTD     | LTD    | LTD      | 0.0012  | 0.010 |      |     |
| <b>Stephenville</b>        |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| Stephenville               | Well Field                 | Jun 05, 2017 | LTD  | LTD  | 0.220        | 0.110             | LTD              | 0.006    | LTD      | LTD     | 0.055  | LTD     | LTD      | 0.028  | LTD   | LTD   | 9.600     | 0.013     | 0.00001 | LTD    | LTD      | 0.0003  | LTD   |      |     |
| <b>Stoneville</b>          |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| Stoneville                 | Dog Bay Pond Brook         | Apr 12, 2017 | LTD  | 6.3  | 0.120        | 0.190             | 0.006            | 0.057    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.003  | 0.100 | LTD   | 0.950     | 0.022     | LTD     | 0.002  | LTD      | LTD     | LTD   |      |     |
| Stoneville                 | Dog Bay Pond Brook         | Jun 13, 2017 | LTD  | 5.0  | LTD          | 0.190             | LTD              | 0.038    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.004  | 0.082 | LTD   | 0.550     | 0.020     | 0.00001 | LTD    | LTD      | LTD     | 0.005 |      |     |
| <b>Straitsview</b>         |                            |              |  |      |              |                   |                  |          |          |         |        |         |          |        |       |       |           |           |         |        |          |         |       |      |     |
| Straitsview                | Saddle Hill Pond           | Jun 06, 2017 | LTD  | 5.7  | LTD          | 0.140             | LTD              | 0.060    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.006  | 0.160 | LTD   | 1.300     | 0.015     | LTD     | LTD    | LTD      | LTD     | LTD   |      |     |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)           | Source Name        | Sample Date  | Ammonia  | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese    | Mercury | Nickel | Selenium | Uranium | Zinc  |      |      |
|----------------------------|--------------------|--------------|--|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|--------------|---------|--------|----------|---------|-------|------|------|
|                            |                    |              | Units  | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L         | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  | mg/L | mg/L |
|                            |                    |              | Guidelines for Canadian Drinking Water Quality<br>Aesthetic (A) or Contaminant (C) Parameter |      |              | 10                |                  | C        |          |         | 0.006  | 0.01    | 1.0      | 0.005  | 0.05         | 1.0   | 0.3       | 0.01         |         | 0.05   | 0.001    |         | 0.01  | 0.02 | 5.0  |
| <b>Summerford</b>          |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Summerford (+Cottlesville) | Rushy Cove Pond    | Apr 12, 2017 | LTD  | 9.3  | 0.052        | 0.200             | 0.009            | 0.069    | LTD      | LTD     | 0.015  | LTD     | LTD      | 0.160  | 0.096        | LTD   | 1.900     | 0.011        | LTD     | LTD    | LTD      | LTD     | 0.041 |      |      |
| Summerford (+Cottlesville) | Rushy Cove Pond    | Jun 14, 2017 | LTD  | 7.6  | 0.052        | 0.290             | LTD              | 0.070    | LTD      | LTD     | 0.012  | LTD     | LTD      | 0.160  | 0.100        | LTD   | 1.700     | 0.017        | LTD     | LTD    | LTD      | LTD     | 0.063 |      |      |
| <b>Sunnyside (T.B.)</b>    |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Sunnyside                  | Center Cove River  | May 16, 2017 | LTD  | 5.0  | LTD          | 0.140             | 0.006            | 0.330    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.042  | 0.084        | LTD   | 0.290     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.008 |      |      |
| <b>Terrenceville</b>       |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Terrenceville              | Big Brook          | May 31, 2017 | LTD  | 4.0  | 0.063        | LTD               | LTD              | 0.130    | LTD      | LTD     | 0.007  | LTD     | LTD      | 0.120  | 0.240        | 0.001 | 0.390     | 0.021        | LTD     | LTD    | LTD      | LTD     | 0.059 |      |      |
| <b>Thornlea</b>            |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Thornlea                   | Big Bakeapple Pond | May 24, 2017 | LTD  | 5.9  | 0.051        | 0.150             | LTD              | 0.160    | LTD      | LTD     | 0.039  | LTD     | LTD      | 0.023  | 0.098        | 0.001 | 0.620     | 0.004        | LTD     | LTD    | LTD      | LTD     | 0.017 |      |      |
| <b>Tilt Cove</b>           |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Tilt Cove                  | Castle Rock Pond   | Apr 10, 2017 | LTD  | 2.8  | 0.330        | 0.160             | LTD              | 0.038    | LTD      | LTD     | 0.007  | LTD     | 0.00160  | 0.024  | LTD          | LTD   | 3.900     | 0.003        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |
| Tilt Cove                  | Castle Rock Pond   | Jun 20, 2017 | LTD  | 2.7  | 0.074        | 0.160             | LTD              | 0.018    | LTD      | LTD     | 0.005  | LTD     | 0.00130  | 0.038  | 0.053        | LTD   | 4.400     | 0.014        | 0.00001 | 0.002  | LTD      | LTD     | LTD   |      |      |
| <b>Tizzard's Harbour</b>   |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Tizzard's Harbour          | Rocky Pond         | Apr 12, 2017 | LTD  | 12.0 | LTD          | 0.260             | 0.008            | 0.350    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.052  | <u>0.580</u> | LTD   | 1.500     | 0.010        | 0.00001 | LTD    | LTD      | LTD     | 0.007 |      |      |
| Tizzard's Harbour          | Rocky Pond         | Jun 14, 2017 | LTD  | 12.0 | 0.050        | 0.210             | 0.005            | 0.350    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.078  | <u>0.540</u> | LTD   | 1.200     | 0.010        | 0.00002 | LTD    | LTD      | LTD     | 0.008 |      |      |
| <b>Torbay</b>              |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Torbay                     | North Pond         | Jun 21, 2017 | LTD  | 2.2  | LTD          | LTD               | 0.006            | 0.047    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.021  | 0.072        | LTD   | 0.640     | <u>0.100</u> | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |
| <b>Trepassey</b>           |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Trepassey                  | Miller's Pond      | Jun 20, 2017 | LTD  | 3.9  | 0.051        | 0.120             | 0.005            | 0.140    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.055  | 0.180        | 0.001 | 0.870     | 0.012        | LTD     | LTD    | LTD      | LTD     | 0.013 |      |      |
| Trepassey                  | Broom Cove Pond    | Jun 20, 2017 | LTD  | 2.3  | 0.052        | 0.110             | 0.004            | 0.051    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.025  | 0.100        | LTD   | 0.270     | 0.005        | LTD     | LTD    | LTD      | LTD     | LTD   |      |      |
| <b>Trinity</b>             |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Trinity, T.B.              | Indian Pond        | Jun 12, 2017 | LTD  | 5.2  | 0.058        | 0.150             | LTD              | 0.200    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.038  | 0.110        | LTD   | 0.450     | 0.007        | LTD     | LTD    | LTD      | LTD     | 0.006 |      |      |
| <b>Trinity Bay North</b>   |                    |              |  |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |              |         |        |          |         |       |      |      |
| Little Catalina            | Whirl Pond         | Jun 12, 2017 | LTD  | 6.7  | LTD          | 0.140             | 0.004            | 0.170    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.190  | 0.250        | 0.001 | 0.380     | 0.009        | LTD     | LTD    | LTD      | LTD     | 0.009 |      |      |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                               | Source Name                  | Sample Date  | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |
|--|------------------------------|--------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|-----------|---------|--------|----------|---------|-------|
|  |                              |              | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  |
| Guidelines for Canadian Drinking Water Quality |                              |              |         |      | 10           |                   |                  |          | 0.006    | 0.01    | 1.0    | 0.005   | 0.05     | 1.0    | 0.3          | 0.01  |           | 0.05      | 0.001   |        | 0.01     | 0.02    | 5.0   |
| Aesthetic (A) or Contaminant (C) Parameter     |                              |              |         |      | C            |                   |                  |          | C        | C       | C      | C       | C        | A      | A            | C     |           | A         | C       |        | C        | C       | A     |
| <b>Trinity Bay North</b>                       |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Melrose  | Whirl Pond                   | Jun 12, 2017 | 0.100   | 6.3  | LTD          | 0.160             | 0.009            | 0.170    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.250  | 0.240        | LTD   | 0.360     | 0.010     | LTD     | LTD    | LTD      | LTD     | 0.006 |
| Port Union, Catalina (+Little Catalina)        | Whirl Pond                   | Jun 12, 2017 | LTD     | 6.4  | LTD          | 0.180             | 0.005            | 0.170    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.094  | 0.250        | LTD   | 0.360     | 0.020     | LTD     | LTD    | LTD      | LTD     | 0.011 |
| <b>Triton</b>                                  |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Triton, Jim's Cove, Card's Harbour             | Triton Pond                  | Apr 10, 2017 | LTD     | 10.0 | 0.095        | 0.210             | 0.008            | 0.140    | LTD      | LTD     | 0.014  | LTD     | LTD      | 0.410  | 0.190        | 0.001 | 2.100     | 0.018     | LTD     | LTD    | LTD      | LTD     | 0.008 |
| Triton, Jim's Cove, Card's Harbour             | Triton Pond                  | Jun 02, 2017 | 0.063   | 10.0 | LTD          | 0.230             | LTD              | 0.140    | LTD      | LTD     | 0.011  | LTD     | LTD      | 0.210  | 0.140        | 0.001 | 1.700     | 0.005     | LTD     | LTD    | LTD      | LTD     | 0.029 |
| <b>Trout River</b>                             |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Trout River                                    | Feeder Brook                 | Jun 06, 2017 | LTD     | 1.0  | 0.170        | 0.170             | LTD              | 0.021    | LTD      | LTD     | 0.004  | LTD     | LTD      | 0.076  | LTD          | LTD   | 5.900     | 0.008     | LTD     | 0.004  | LTD      | LTD     | LTD   |
| <b>Twillingate</b>                             |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Twillingate                                    | Wild Cove Pond               | Apr 11, 2017 | LTD     | 6.1  | 0.240        | 0.200             | 0.006            | 0.110    | LTD      | LTD     | 0.003  | 0.00002 | LTD      | 0.200  | 0.180        | 0.001 | 1.900     | 0.007     | LTD     | LTD    | LTD      | LTD     | 0.033 |
| Twillingate                                    | Wild Cove Pond               | Jun 14, 2017 | LTD     | 5.6  | 0.078        | 0.170             | 0.006            | 0.093    | LTD      | LTD     | 0.002  | 0.00002 | LTD      | 0.230  | 0.130        | 0.003 | 1.400     | 0.016     | LTD     | LTD    | LTD      | LTD     | 0.046 |
| <b>Upper Island Cove</b>                       |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Upper Island Cove                              | Kelly's Pond (Spider's Pond) | Jun 14, 2017 | LTD     | 3.0  | LTD          | 0.150             | LTD              | 0.074    | LTD      | LTD     | 0.002  | LTD     | LTD      | 0.250  | LTD          | 0.001 | 0.500     | 0.004     | LTD     | LTD    | LTD      | LTD     | 0.006 |
| <b>Victoria</b>                                |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Victoria (+Salmon Cove)                        | Rocky Pond                   | Jun 01, 2017 | LTD     | 2.1  | LTD          | 0.120             | LTD              | 0.058    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.056  | 0.095        | 0.001 | 0.430     | 0.018     | LTD     | LTD    | LTD      | LTD     | 0.011 |
| Victoria (+Salmon Cove)                        | Rocky Pond                   | Jun 01, 2017 | LTD     | 2.2  | LTD          | 0.100             | LTD              | 0.055    | LTD      | LTD     | 0.001  | LTD     | LTD      | 0.240  | 0.094        | 0.003 | 0.420     | 0.018     | LTD     | LTD    | LTD      | LTD     | 0.009 |
| <b>West Bay</b>                                |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| West Bay                                       | Victor's Brook               | Jun 07, 2017 | LTD     | 3.3  | 0.091        | 0.140             | LTD              | 0.300    | LTD      | LTD     | 0.045  | LTD     | LTD      | 0.009  | 0.058        | LTD   | 7.200     | LTD       | LTD     | LTD    | LTD      | 0.0002  | 0.010 |
| West Bay                                       | Unnamed Brook                | Jun 07, 2017 | LTD     | 5.6  | 0.097        | 0.170             | LTD              | 0.057    | LTD      | LTD     | 0.049  | LTD     | LTD      | 0.012  | LTD          | LTD   | 5.600     | LTD       | LTD     | LTD    | LTD      | 0.0002  | 0.009 |
| <b>Westport</b>                                |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Westport                                       | Western Brook Pond           | Apr 06, 2017 | LTD     | 11.0 | LTD          | 0.190             | 0.005            | 0.370    | LTD      | LTD     | 0.008  | LTD     | LTD      | 0.320  | <u>0.470</u> | LTD   | 0.790     | 0.007     | LTD     | LTD    | LTD      | LTD     | 0.007 |
| Westport                                       | Western Brook Pond           | Jun 19, 2017 | LTD     | 12.0 | LTD          | 0.170             | 0.008            | 0.350    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.310  | 0.300        | 0.001 | 0.450     | 0.010     | LTD     | LTD    | LTD      | LTD     | 0.010 |
| <b>Whitbourne</b>                              |                              |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Whitbourne                                     | Hodges River                 | Jun 08, 2017 | LTD     | 3.3  | 0.052        | 0.190             | LTD              | 0.031    | LTD      | LTD     | LTD    | LTD     | 0.00270  | 0.013  | 0.200        | LTD   | 0.930     | 0.012     | LTD     | LTD    | LTD      | LTD     | 0.010 |

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

| Serviced Area(s)                               | Source Name            | Sample Date  | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron         | Lead  | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc  |
|--|------------------------|--------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|--------------|-------|-----------|-----------|---------|--------|----------|---------|-------|
|  |                        |              | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L         | mg/L  | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L  |
| Guidelines for Canadian Drinking Water Quality |                        |              |         |      | 10           |                   |                  |          | 0.006    | 0.01    | 1.0    | 0.005   | 0.05     | 1.0    | 0.3          | 0.01  |           | 0.05      | 0.001   |        | 0.01     | 0.02    | 5.0   |
| Aesthetic (A) or Contaminant (C) Parameter     |                        |              |         |      | C            |                   |                  |          | C        | C       | C      | C       | C        | A      | A            | C     |           | A         | C       |        | C        | C       | A     |
| <b>Whiteway</b>                                |                        |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Whiteway (+Cavendish)                          | Long Pond              | Jun 08, 2017 | LTD     | 3.2  | LTD          | 0.130             | LTD              | 0.043    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.006  | 0.084        | LTD   | 0.920     | 0.006     | LTD     | LTD    | LTD      | LTD     | 0.015 |
| Whiteway - PWDU                                | Long Pond              | Jun 08, 2017 | LTD     | LTD  | 0.055        | LTD               | LTD              | 0.007    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.005  | LTD          | LTD   | 0.300     | LTD       | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Wild Cove</b>                               |                        |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Wild Cove                                      | Hedderson's Pond Brook | Apr 06, 2017 | LTD     | 8.4  | 0.120        | 0.150             | LTD              | 0.140    | LTD      | LTD     | 0.008  | LTD     | LTD      | 0.025  | 0.160        | 0.001 | 1.100     | 0.002     | LTD     | LTD    | LTD      | LTD     | LTD   |
| Wild Cove                                      | Hedderson's Pond Brook | Jun 19, 2017 | LTD     | 9.3  | LTD          | 0.130             | LTD              | 0.190    | LTD      | LTD     | 0.006  | LTD     | LTD      | 0.081  | 0.120        | 0.001 | 0.430     | 0.003     | 0.00002 | LTD    | LTD      | LTD     | LTD   |
| <b>Winterton</b>                               |                        |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Winterton                                      | Western Pond           | Jun 07, 2017 | LTD     | 3.9  | LTD          | LTD               | LTD              | 0.096    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.110  | LTD          | LTD   | 0.550     | 0.009     | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Wooddale</b>                                |                        |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Wooddale                                       | Northern Arm Lake      | Apr 10, 2017 | LTD     | 1.5  | 0.073        | LTD               | LTD              | 0.071    | LTD      | LTD     | 0.003  | LTD     | LTD      | 0.052  | LTD          | LTD   | 0.600     | 0.029     | LTD     | LTD    | LTD      | LTD     | LTD   |
| Wooddale                                       | Northern Arm Lake      | Jun 08, 2017 | 0.056   | 1.8  | LTD          | LTD               | LTD              | 0.580    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.006  | LTD          | LTD   | 0.250     | 0.008     | LTD     | LTD    | LTD      | LTD     | LTD   |
| <b>Woodstock</b>                               |                        |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Woodstock                                      | Mill Pond              | Apr 10, 2017 | LTD     | 12.0 | 0.055        | 0.290             | 0.012            | 0.450    | LTD      | LTD     | 0.002  | 0.00002 | 0.00130  | 0.025  | <u>0.500</u> | LTD   | 0.710     | 0.014     | LTD     | LTD    | LTD      | 0.0007  | 0.005 |
| Woodstock                                      | Mill Pond              | Jun 20, 2017 | LTD     | 8.2  | LTD          | 0.120             | 0.007            | 0.300    | LTD      | LTD     | LTD    | LTD     | LTD      | 0.027  | 0.250        | LTD   | 0.310     | 0.014     | LTD     | LTD    | LTD      | 0.0004  | 0.009 |
| <b>Woody Point</b>                             |                        |              |         |      |              |                   |                  |          |          |         |        |         |          |        |              |       |           |           |         |        |          |         |       |
| Woody Point                                    | Winterhouse Brook      | Jun 06, 2017 | LTD     | 1.2  | 0.110        | LTD               | LTD              | 0.024    | LTD      | LTD     | 0.004  | LTD     | 0.00130  | 0.019  | LTD          | LTD   | 5.900     | LTD       | LTD     | 0.004  | LTD      | LTD     | LTD   |

# Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

| Serviced Area(s)                               | Source Name | Sample Date | Ammonia | DOC  | Nitrate(ite) | Kjeldahl Nitrogen | Total Phosphorus | Aluminum | Antimony | Arsenic | Barium | Cadmium | Chromium | Copper | Iron | Lead | Magnesium | Manganese | Mercury | Nickel | Selenium | Uranium | Zinc |
|--|-------------|-------------|---------|------|--------------|-------------------|------------------|----------|----------|---------|--------|---------|----------|--------|------|------|-----------|-----------|---------|--------|----------|---------|------|
|  |             |             | Units   | mg/L | mg/L         | mg/L              | mg/L             | mg/L     | mg/L     | mg/L    | mg/L   | mg/L    | mg/L     | mg/L   | mg/L | mg/L | mg/L      | mg/L      | mg/L    | mg/L   | mg/L     | mg/L    | mg/L |
| Guidelines for Canadian Drinking Water Quality |             |             |         |      | 10           |                   |                  |          | 0.006    | 0.01    | 1.0    | 0.005   | 0.05     | 1.0    | 0.3  | 0.01 |           | 0.05      | 0.001   |        | 0.01     | 0.02    | 5.0  |
| Aesthetic (A) or Contaminant (C) Parameter     |             |             |         |      | C            |                   |                  |          | C        | C       | C      | C       | C        | A      | A    | C    |           | A         | C       |        | C        | C       | A    |

Tap water samples are collected semi annually from drinking water faucets of one or more homes, public buildings, or businesses in your community. Tap or treated water quality is monitored to check its compliance with the Guidelines for Canadian Drinking Water Quality (GCDWQ). Tap water quality is also monitored so that water that is being consumed at the tap can be compared with the untreated source water quality. Any variations between source and tap water quality represents the effectiveness of the treatment and disinfection system, and the influences of the distribution system due to plumbing in local homes, public buildings, or businesses. The values for each parameter are as reported by the lab and verified by the department.

Quality Assurance / Quality Control (QA/QC) - The department is striving to improve the quality of the data using standard QA/QC protocols. This is an evolving process which may result in minor changes to the reported data.

LTD - Less Than Detection Limit - The detection limit is the lowest concentration of a substance that can be determined using a particular test method and instrument. Detection limits vary from parameter to parameter and change from time to time due to improvements in analytical procedures and equipment.

The exceedance report for tap water provides a brief discussion and interpretation of health related water quality parameters, if any, that exceed the acceptable limits as set out in the GCDWQ.

Aesthetic (A) Parameters - Aesthetic parameters reflect substances or characteristics of drinking water that can affect its acceptance by consumers but which usually do not pose any health effects. Aesthetic exceedances are highlighted in **blue text** and underlined.

Contaminants (C) - Contaminants are substances that are known or suspected to cause adverse effects on the health of some people when present in concentrations greater than the established Maximum Acceptable Concentrations (MACs) or the Interim Maximum Acceptable Concentrations (IMACs) of the GCDWQ. Each MAC has been derived to safeguard health assuming lifelong consumption of drinking water containing the substance at that concentration. IMACs are reviewed periodically as new information becomes available. Please consult your Medical Officer of Health for additional information on the health aspects on contaminants. Contaminant exceedances are highlighted in **red text** and enclosed in a box.

The reported information is for supplies selected for sampling and may not include all public water supplies.

Contaminant Exceedances **X.XX**

Aesthetic Exceedances **X.XX**

**Nitrate(ite)** - The maximum acceptable concentration for nitrate(ite) in drinking water is 10 mg/L expressed as nitrate-nitrogen. Nitrate and nitrite are naturally occurring ions that are widespread in the environment. High levels of this contaminant can cause adverse health effects for some people.

**Antimony** - The interim maximum acceptable concentration (IMAC) for antimony in drinking water is 0.006 mg/L. It is a naturally occurring metal that is introduced into water through the natural weathering of rocks, runoff from soils, effluents from mining and manufacturing operations, industrial and municipal leachate discharges and from household piping and possibly non-lead solder. High levels of this contaminant can cause adverse health effects for some people.

**Arsenic** - The interim maximum acceptable concentration for arsenic in drinking water is 0.01 mg/L. Arsenic is introduced into water through the dissolution of minerals and ores, from industrial effluents and via atmospheric deposition. High levels of this contaminant can cause adverse health effects for some people.

**Barium** - The maximum acceptable concentration for barium in drinking water is 1.0 mg/L. Barium is not found free in nature but occurs as in a number of compounds. High levels of this contaminant can cause adverse health effects for some people.

**Cadmium** - The maximum acceptable concentration for cadmium in drinking water is 0.005 mg/L. Cadmium that is present as an impurity in galvanized pipes, a constituent of solders used in fitting water heaters or incorporated into stabilizers in black polyethylene pipes may contaminate water supplies during their distribution. High levels of this contaminant can cause adverse health effects for some people.

**Chromium** - The maximum acceptable concentration for chromium in drinking water is 0.05 mg/L. High levels of this contaminant can cause adverse health effects for some people.

**Lead** - The maximum acceptable concentration for lead in drinking water is 0.010 mg/L. Lead is present in tap water as a result of dissolution from natural sources or from the distribution systems and plumbing containing lead in pipes, solder or service connections. High levels of this contaminant can cause adverse health effects for some people.

**Mercury** - The maximum acceptable concentration for mercury in drinking water is 0.001 mg/L. High levels of this contaminant can cause adverse health effects for some people.

**Selenium** - The maximum acceptable concentration for selenium in drinking water is 0.01 mg/L. High levels of this contaminant can cause adverse health effects for some people.

**Uranium** - The interim maximum acceptable concentration for uranium in drinking water is 0.02 mg/L. Uranium may enter drinking water from naturally occurring deposits or as a result of human activity, such as mill tailings and phosphate fertilizers. High levels of this contaminant can cause adverse health effects for some people.

mg/L = milligrams per litre or parts per million      µS/cm = micro Siemens per centimeter      NTU = nephelometric turbidity units      TDS = total dissolved solids      TSS = total suspended solids      TCU = true colour units      Nitrate(ite) = Nitrate + Nitrite      DOC = dissolved organic carbon

Notes:

Guidelines for Canadian Drinking Water Quality have not been developed for all the parameters listed in this report.

pH has no units