

Source Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

Source 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																									
Guidelines for Canadian Drinking Water Quality																																																
Aesthetic (A) or Contaminant (C) Parameter																																																
Charlottetown (Labrador)																																																
Charlottetown (Labrador)	Middle Pond	Oct 10, 2024	LTD	8.2	LTD	0.230	0.013	0.210	LTD	LTD	0.010	LTD	LTD	0.001	<u>0.510</u>	LTD	0.540	0.009	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Charlottetown (Labrador) - PWDU	Middle Pond	Oct 10, 2024	LTD	8.2	LTD	0.230	0.013	0.210	LTD	LTD	0.010	LTD	LTD	0.001	<u>0.510</u>	LTD	0.540	0.009	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Churchill Falls																																																
Churchill Falls	Smallwood Reservoir	Oct 15, 2024	LTD	3.0	LTD	LTD	0.010	0.005	LTD	LTD	0.006	LTD	LTD	0.071	LTD	0.970	0.020	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Clarenville																																																
Clarenville, Shoal Harbour	Shoal Harbour River	Dec 05, 2024	LTD	8.4	0.070	0.230	LTD	0.140	LTD	LTD	0.002	LTD	LTD	<u>0.350</u>	LTD	0.420	<u>0.023</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Come By Chance																																																
Come By Chance	Butchers Brook	Dec 02, 2024	LTD	8.5	LTD	0.160	0.010	0.079	LTD	LTD	0.008	LTD	LTD	<u>1.200</u>	LTD	0.490	<u>0.420</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Conception Bay South																																																
Conception Bay South	Bay Bulls Big Pond	Dec 10, 2024	LTD	4.8	LTD	0.160	LTD	0.110	LTD	LTD	LTD	LTD	0.001	0.140	LTD	0.500	0.014	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Conne River																																																
Conne River	Southwest Brook	Nov 12, 2024	LTD	8.3	LTD	0.140	LTD	0.130	LTD	0.002	0.002	LTD	LTD	<u>0.360</u>	LTD	0.370	<u>0.025</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Corner Brook																																																
Corner Brook (+Massey Drive, +Mount Moriah)	Trout Pond, Third Pond (2 intakes)	Dec 03, 2024	LTD	5.4	0.088	0.130	LTD	0.094	LTD	LTD	0.003	LTD	LTD	0.097	LTD	1.000	0.007	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Crow Head																																																
Crow Head	Oars Pond	Nov 20, 2024	LTD	12.0	LTD	0.650	0.006	0.150	LTD	LTD	0.001	LTD	LTD	0.001	0.200	LTD	5.200	0.009	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Daniel's Harbour																																																
Daniel's Harbour	Unnamed Spring & Brook	Nov 08, 2024	LTD	2.9	0.340	0.110	LTD	LTD	LTD	0.019	LTD	LTD	0.001	LTD	LTD	24.000	LTD	LTD	LTD	LTD	0.0002	LTD																										
Deadman's Bay																																																
Deadman's Bay	Deadman's Pond	Nov 26, 2024	LTD	16.0	LTD	0.210	0.009	0.220	LTD	LTD	0.002	LTD	LTD	<u>0.740</u>	LTD	0.770	0.018	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Dover																																																
Dover	Hare Bay Pond	Dec 03, 2024	LTD	11.0	0.062	0.270	0.019	0.230	LTD	LTD	0.002	0.00001	LTD	0.001	<u>0.360</u>	LTD	0.480	0.012	LTD	LTD	LTD	LTD	0.0002	0.006																								
Elliston																																																
Elliston	Big Pond	Nov 27, 2024	LTD	4.5	LTD	LTD	LTD	0.200	LTD	LTD	0.003	LTD	LTD	0.051	LTD	0.610	0.008	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							

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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																									
Guidelines for Canadian Drinking Water Quality																																																
Aesthetic (A) or Contaminant (C) Parameter																																																
Hermitage																																																
Hermitage-Sandyville	Granfer's Pond	Nov 19, 2024	LTD	13.0	LTD	0.460	LTD	0.510	LTD	LTD	0.002	0.00001	LTD	0.001	<u>0.840</u>	LTD	0.770	<u>0.032</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Hermitage-Sandyville - PWDU	Granfer's Pond	Nov 19, 2024	LTD	13.0	LTD	0.460	LTD	0.510	LTD	LTD	0.002	0.00001	LTD	0.001	<u>0.840</u>	LTD	0.770	<u>0.032</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Hickman's Harbour-Robinson Bight																																																
Hickman's Harbour-Robinson Bight	Big Loss Pound Pond	Dec 02, 2024	LTD	5.4	LTD	0.100	LTD	0.053	LTD	LTD	0.011	LTD	LTD	LTD	0.056	LTD	0.700	0.018	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Hopedale																																																
Hopedale	American Pond	Oct 23, 2024	LTD	4.6	LTD	0.170	0.007	0.110	LTD	LTD	0.001	LTD	LTD	0.001	0.130	LTD	0.550	0.007	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Howley																																																
Howley	Sandy Lake	Nov 14, 2024	LTD	6.6	0.060	LTD	LTD	0.110	LTD	LTD	0.006	LTD	LTD	LTD	0.290	LTD	0.670	<u>0.026</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Howley - PWDU	Sandy Lake	Nov 14, 2024	LTD	6.6	0.060	LTD	LTD	0.110	LTD	LTD	0.006	LTD	LTD	LTD	0.290	LTD	0.670	<u>0.026</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Humber Arm South																																																
Frenchman's Cove Area	Gurges Pond	Nov 27, 2024	LTD	3.9	LTD	LTD	LTD	0.018	LTD	LTD	0.008	LTD	LTD	0.001	0.061	LTD	1.900	0.009	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Indian Bay																																																
Indian Bay	Indian Bay Brook	Dec 03, 2024	LTD	5.9	0.079	0.220	0.008	0.061	LTD	LTD	0.001	LTD	LTD	LTD	0.110	LTD	0.650	0.013	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Jackson's Cove-Langdon's Cove-Silverdale																																																
Silverdale, Nickey's Nose Cove	Nickey's Nose Cove Pond	Nov 25, 2024	LTD	4.4	LTD	0.140	LTD	0.072	LTD	LTD	0.002	LTD	LTD	0.001	0.069	LTD	1.100	0.008	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Keels																																																
Keels	Boland's Pond	Nov 27, 2024	LTD	17.0	LTD	0.180	0.019	0.330	LTD	LTD	0.009	0.00001	LTD	0.002	<u>0.340</u>	LTD	1.200	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
L'Anse au Loup																																																
L'Anse au Loup	L'anse Au Loup River	Oct 09, 2024	LTD	2.9	0.071	0.130	0.005	0.043	LTD	LTD	0.032	LTD	LTD	LTD	0.130	LTD	1.400	0.003	LTD	LTD	LTD	0.0002	LTD																									
LaScie																																																
La Scie	Stakes Pond	Dec 03, 2024	LTD	6.2	0.050	0.120	LTD	0.099	LTD	LTD	0.004	LTD	LTD	0.001	LTD	LTD	0.800	0.006	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Labrador City																																																
Labrador City	Beverly Lake	Oct 16, 2024	LTD	2.3	LTD	0.190	LTD	LTD	LTD	LTD	0.005	LTD	LTD	0.120	0.067	LTD	0.870	0.013	LTD	LTD	LTD	LTD	LTD	0.011																								
Lark Harbour																																																

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Guidelines for Canadian Drinking Water Quality																																															
Aesthetic (A) or Contaminant (C) Parameter																																															
Lark Harbour																																															
Lark Harbour	Fairfax Brook	Nov 27, 2024	LTD	6.0	0.270	0.110	LTD	0.110	LTD	LTD	LTD	LTD	LTD	0.00150	0.001	0.220	LTD	2.500	0.009	LTD	0.003	LTD	LTD	LTD																							
Little Bay																																															
Little Bay	Mine Pond	Nov 25, 2024	LTD	5.3	0.073	0.120	LTD	0.060	LTD	0.001	0.002	0.00003	0.00140	0.032	0.091	LTD	2.500	0.006	LTD	LTD	0.001	LTD	0.012																								
Little St. Lawrence																																															
Little St. Lawrence	Butler's Brook (2 intakes)	Nov 05, 2024	LTD	4.2	LTD	0.100	0.007	0.110	LTD	LTD	0.006	LTD	LTD	0.330	LTD	0.830	0.074	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Lourdes																																															
Lourdes (+West Bay)	Victor's Brook	Dec 16, 2024	LTD	7.3	0.140	0.210	0.028	0.066	LTD	LTD	0.038	0.00003	LTD	0.001	0.096	0.001	6.100	0.008	LTD	LTD	LTD	0.0001	0.013																								
Lushes Bight-Beaumont-Beaumont North																																															
Lushes Bight, Beaumont	Milkboy's Pond/Gull Pond	Nov 27, 2024	LTD	10.0	LTD	0.190	0.005	0.170	LTD	LTD	0.003	LTD	LTD	LTD	0.190	LTD	0.820	0.009	LTD	LTD	LTD	LTD	LTD	LTD																							
Lushes Bight, Beaumont - PWDU	Milkboy's Pond/Gull Pond	Nov 27, 2024	LTD	10.0	LTD	0.190	0.005	0.170	LTD	LTD	0.003	LTD	LTD	LTD	0.190	LTD	0.820	0.009	LTD	LTD	LTD	LTD	LTD	LTD																							
Mainland																																															
Mainland	Caribou Brook	Dec 16, 2024	LTD	2.8	0.290	0.160	LTD	0.011	LTD	LTD	0.041	LTD	LTD	0.002	LTD	LTD	11.000	LTD	LTD	LTD	LTD	0.0002	LTD																								
Mary's Harbour																																															
Mary's Harbour	St. Mary's River	Oct 09, 2024	LTD	7.0	LTD	0.150	0.011	0.210	LTD	LTD	0.006	LTD	LTD	0.001	0.290	LTD	0.350	0.013	LTD	LTD	LTD	LTD	0.006																								
Mary's Harbour - PWDU	St. Mary's River	Oct 09, 2024	LTD	7.0	LTD	0.150	0.011	0.210	LTD	LTD	0.006	LTD	LTD	0.001	0.290	LTD	0.350	0.013	LTD	LTD	LTD	LTD	0.006																								
Massey Drive																																															
Massey Drive	Trout Pond, Third Pond (2 intakes)	Dec 03, 2024	LTD	5.4	0.088	0.130	LTD	0.094	LTD	LTD	0.003	LTD	LTD	0.097	LTD	1.000	0.007	LTD	LTD	LTD	LTD	LTD	LTD																								
Mount Moriah																																															
Mount Moriah	Trout Pond, Third Pond (2 intakes)	Dec 03, 2024	LTD	5.4	0.088	0.130	LTD	0.094	LTD	LTD	0.003	LTD	LTD	0.097	LTD	1.000	0.007	LTD	LTD	LTD	LTD	LTD	LTD																								
Mount Pearl																																															
Mount Pearl	Bay Bulls Big Pond	Dec 10, 2024	LTD	4.8	LTD	0.160	LTD	0.110	LTD	LTD	LTD	LTD	LTD	0.001	0.140	LTD	0.500	0.014	LTD	LTD	LTD	LTD	LTD																								
Nain																																															
Nain	Trouser Lake	Oct 22, 2024	LTD	2.0	LTD	LTD	LTD	0.025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.490	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Natuashish																																															

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Guidelines for Canadian Drinking Water Quality											10	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005	0.02 / 0.12	0.001	0.05	0.02	5.0										
Aesthetic (A) or Contaminant (C) Parameter											C	C	C	C	C	A / C	A	C	A / C	C	C	C	C	A										
Natuashish																																		
Natuashish (Sango Bay)	Sango Brook and Wellfield	Nov 11, 2024	LTD	2.9	LTD	0.130	LTD	0.085	LTD	LTD	0.003	LTD	LTD	0.001	0.200	LTD	1.200	0.006	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Natuashish (Sango Bay)	Sango Brook and Wellfield	Nov 11, 2024	0.057	LTD	LTD	0.120	LTD	0.022	LTD	LTD	0.008	LTD	LTD	LTD	LTD	LTD	14.000	0.048	LTD	LTD	LTD	LTD	0.0011	LTD										
New-Wes-Valley																																		
Wesleyville-Badger's Quay-Pool's Island, Brookfield-Poundcove-Newtown-Templeman	Little Northwest Pond	Dec 03, 2024	LTD	20.0	LTD	0.350	0.012	0.580	LTD	LTD	0.002	0.00001	LTD	0.002	0.710	LTD	0.910	0.032	LTD	LTD	LTD	LTD	0.0004	0.008										
Norris Point																																		
Norris Point	Neddy Harbour Pond	Nov 14, 2024	LTD	4.6	LTD	0.120	LTD	0.006	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	15.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Paradise																																		
Paradise	Bay Bulls Big Pond	Dec 10, 2024	LTD	4.8	LTD	0.160	LTD	0.110	LTD	LTD	LTD	LTD	LTD	0.001	0.140	LTD	0.500	0.014	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Parkers Cove																																		
Parkers Cove	Unnamed brook	Nov 04, 2024	LTD	15.0	LTD	0.240	0.011	0.330	LTD	LTD	0.002	LTD	LTD	0.001	0.570	LTD	0.480	0.030	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Phillips Head																																		
Phillips Head	Dogberry Brook	Nov 12, 2024	LTD	11.0	0.120	0.220	0.004	0.220	LTD	LTD	0.003	LTD	LTD	0.160	LTD	0.970	0.017	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Pilley's Island																																		
Pilley's Island	Loadabats Pond	Nov 27, 2024	LTD	5.8	LTD	0.170	LTD	0.028	LTD	LTD	0.044	0.00007	LTD	0.001	LTD	LTD	2.900	0.004	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Pleasantview																																		
Pleasantview	Little Arm Pond	Nov 12, 2024	LTD	11.0	0.072	0.350	0.006	0.110	LTD	LTD	0.002	LTD	LTD	0.001	0.110	LTD	1.200	0.012	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Point Leamington																																		
Point Leamington	Little Pond	Nov 05, 2024	LTD	7.9	0.056	0.230	LTD	0.075	LTD	LTD	0.001	LTD	LTD	LTD	0.150	LTD	0.880	0.037	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Point of Bay																																		
Point of Bay	Indian Cove Pond	Nov 13, 2024	LTD	8.9	LTD	0.220	0.005	0.083	LTD	LTD	0.002	LTD	LTD	0.001	0.100	LTD	1.000	0.009	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Port Anson																																		
Port Anson	Anchor Pond	Nov 27, 2024	LTD	12.0	LTD	0.190	0.006	0.180	LTD	LTD	0.002	0.00034	LTD	0.001	0.220	LTD	0.860	0.007	LTD	LTD	LTD	LTD	LTD	LTD	LTD									
Portland Creek																																		

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Guidelines for Canadian Drinking Water Quality																																																
Aesthetic (A) or Contaminant (C) Parameter																																																
Portland Creek																																																
Portland Creek	Unnamed Streams	Nov 08, 2024	0.059	4.0	0.200	0.160	LTD	LTD	LTD	LTD	0.028	LTD	LTD	LTD	LTD	LTD	6.300	0.006	LTD	LTD	LTD	0.0001	LTD																									
Portugal Cove-St. Phillips																																																
Portugal Cove-St. Phillips	Bay Bulls Big Pond	Dec 10, 2024	LTD	4.8	LTD	0.160	LTD	0.110	LTD	LTD	LTD	LTD	LTD	LTD	0.001	0.140	LTD	0.500	0.014	LTD	LTD	LTD	LTD	LTD	LTD																							
Pouch Cove																																																
Pouch Cove	North Three Island Pond	Nov 28, 2024	LTD	13.0	LTD	0.160	0.013	0.260	LTD	LTD	0.004	LTD	LTD	LTD	0.420	LTD	0.810	0.040	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Robert's Arm																																																
Robert's Arm	Young's Pond / Dam Pond	Nov 27, 2024	LTD	5.6	LTD	0.130	LTD	0.073	LTD	LTD	0.020	0.00022	LTD	0.001	LTD	LTD	1.300	0.003	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Rocky Harbour																																																
Rocky Harbour	Gull Pond	Nov 14, 2024	LTD	6.3	LTD	LTD	LTD	0.023	LTD	LTD	0.007	LTD	LTD	LTD	0.058	LTD	5.900	0.008	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Rose Blanche-Harbour Le Cou																																																
Rose Blanche-Harbour Le Cou	Rose Blanche Brook	Nov 05, 2024	LTD	10.0	LTD	0.170	0.004	0.240	LTD	LTD	0.003	0.00001	LTD	LTD	0.250	LTD	0.450	0.008	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Seal Cove (FB)																																																
Seal Cove, F.B.	Big Black Duck Pond	Nov 19, 2024	LTD	16.0	LTD	0.490	0.008	0.480	LTD	LTD	0.002	LTD	LTD	0.001	0.810	LTD	0.800	0.021	LTD	LTD	LTD	LTD	0.0001	LTD																								
Seal Cove, F.B. - PWDU	Big Black Duck Pond	Nov 19, 2024	LTD	16.0	LTD	0.490	0.008	0.480	LTD	LTD	0.002	LTD	LTD	0.001	0.810	LTD	0.800	0.021	LTD	LTD	LTD	LTD	0.0001	LTD																								
Seal Cove (WB)																																																
Seal Cove, W.B.	Seal Cove Brook & Long Pond	Nov 06, 2024	LTD	9.7	LTD	0.240	LTD	0.099	LTD	LTD	0.007	LTD	LTD	0.001	0.270	LTD	0.860	0.019	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Seal Cove, W.B. - PWDU	Seal Cove Brook & Long Pond	Nov 06, 2024	LTD	9.7	LTD	0.240	LTD	0.099	LTD	LTD	0.007	LTD	LTD	0.001	0.270	LTD	0.860	0.019	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Southern Harbour																																																
Southern Harbour	Brigades Pond	Dec 02, 2024	LTD	9.5	0.054	0.220	0.005	0.170	LTD	LTD	0.010	LTD	LTD	0.001	0.170	LTD	0.560	0.026	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Springdale																																																
Springdale	Sullivan's Pond (2 Intakes)	Nov 25, 2024	LTD	5.1	LTD	0.110	LTD	0.037	LTD	LTD	LTD	LTD	LTD	0.002	0.073	LTD	1.100	0.017	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
St. Bernard's-Jacques Fontaine																																																
St. Bernard's-Jacques Fontaine	Rattle Brook	Nov 07, 2024	LTD	10.0	0.051	0.210	0.013	0.260	LTD	LTD	0.002	LTD	LTD	0.310	LTD	0.510	0.024	LTD	LTD	LTD	LTD	LTD	LTD	0.005																								
St. Bride's																																																

Source 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																										
Guidelines for Canadian Drinking Water Quality																																																	
Aesthetic (A) or Contaminant (C) Parameter																																																	
St. Bride's																																																	
St. Bride's	North Side Brook	Dec 13, 2024	LTD	5.8	LTD	0.150	0.012	0.031	LTD	LTD	0.029	LTD	LTD	LTD	<u>0.340</u>	LTD	1.200	<u>0.210</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
St. Bride's	South Side Brook	Dec 13, 2024	LTD	8.8	LTD	0.100	0.007	0.062	LTD	LTD	0.033	LTD	LTD	LTD	<u>0.330</u>	LTD	1.000	<u>0.043</u>	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
St. John's																																																	
St. John's (+Mt. Pearl, +Paradise, +Portugal Cove-St. Phillips, +CBS)	Bay Bulls Big Pond	Dec 10, 2024	LTD	4.8	LTD	0.160	LTD	0.110	LTD	LTD	LTD	LTD	LTD	LTD	0.001	0.140	LTD	0.500	0.014	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																						
St. John's	Windsor Lake	Dec 04, 2024	LTD	2.8	0.052	0.120	LTD	0.026	LTD	LTD	0.001	LTD	LTD	LTD	0.002	LTD	LTD	0.620	0.009	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																						
St. John's	Petty Harbour Long Pond	Dec 04, 2024	LTD	4.1	LTD	0.130	LTD	0.079	LTD	LTD	0.001	LTD	LTD	LTD	0.100	LTD	0.550	0.012	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Tilt Cove																																																	
Tilt Cove	Castle Rock Pond	Dec 03, 2024	LTD	3.3	0.063	0.200	LTD	0.015	LTD	0.001	0.007	LTD	0.00100	0.002	0.220	LTD	5.800	0.011	LTD	0.002	LTD	LTD	LTD	LTD	LTD	LTD																							
Trout River																																																	
Trout River	Feeder Brook	Nov 14, 2024	LTD	1.8	0.220	LTD	LTD	0.017	LTD	LTD	0.003	LTD	0.00110	0.001	LTD	LTD	8.800	0.002	LTD	0.005	LTD	LTD	LTD	LTD	LTD	LTD																							
West Bay																																																	
West Bay	Victor's Brook	Dec 16, 2024	LTD	7.3	0.140	0.210	0.028	0.066	LTD	LTD	0.038	0.00003	LTD	0.001	0.096	0.001	6.100	0.008	LTD	LTD	LTD	LTD	0.0001	0.013	LTD	LTD																							
Wild Cove																																																	
Wild Cove	Hedderson's Pond Brook	Nov 06, 2024	0.052	13.0	LTD	0.290	LTD	0.170	LTD	LTD	0.009	LTD	LTD	0.001	0.270	LTD	1.100	0.015	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							

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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	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005	0.02 / 0.12	0.001	0.05	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter																							

Source water samples are collected directly from the source such as a groundwater well, lake, pond, or stream prior to disinfection or other treatment. The source water quality is analyzed to determine the quality of water that flows into your water treatment and distribution system. The quality of this water is a direct indicator of the health of the ecosystem that makes up the natural drainage basin, well head recharge area or watershed area. Monitoring of source water quality is the most important tool to assess the impact of land use changes on source water quality, the presence of disinfection by-product (DBP) pre-cursors and to ensure the integrity of a public water supply. 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 source 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 Guidelines for Canadian Drinking Water Quality (GCDWQ). This comparison is only for screening purposes since at present there are no guidelines for untreated source water. The GCDWQ applies to water at the consumers tap. However in the absence of water treatment these guidelines could be applicable to source water quality.

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 and Aesthetic Exceedances

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-leaded solders. 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 2.0 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 0.007 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 0.005 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 0.05 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.

Copper - The maximum acceptable concentration for copper in drinking water is 2.0 mg/L and the aesthetic objective for copper in drinking water is 1.0 mg/L. Copper is widely distributed in nature and is found frequently in surface water and in some groundwater. Usually, copper in tap water is the result of dissolution of copper piping within the distribution system. The aesthetic objective was set to ensure palatability and to minimize staining of laundry and plumbing fixtures. Copper is an essential element in human metabolism and copper deficiency results in a variety of clinical disorders. At extremely high doses copper intake can result in adverse health effects. High levels of copper in tap water may result in blue-green staining on some fixtures.

Manganese - The maximum acceptable concentration for manganese in drinking water is 0.12 mg/L and the aesthetic objective for manganese in drinking water is 0.02 mg/L. Usually, manganese in drinking water is the result of high amounts of manganese in the source water supply's bedrock. Levels above the maximum acceptable concentration can cause adverse health effects for some people. Levels above the aesthetic objective may cause staining of plumbing and laundry and undesirable tastes in beverages.

Iron - The aesthetic objective for iron in drinking water is 0.3 mg/L. Usually, iron in tap water is the result of high iron content in the raw water and dissolution of iron piping within the distribution system. Iron is an essential element in nutrition. High levels of iron in tap water can cause staining of laundry and plumbing fixtures, unpleasant taste, colour and promote biological growths in the distribution system.

Zinc - The aesthetic objective for zinc in drinking water is 5.0 mg/L. Zinc in water can be naturally occurring or due to zinc in plumbing materials. Zinc is an essential element for human nutrition. Long term ingestion of zinc has not resulted in adverse effects. Water with zinc concentrations higher than the aesthetic objective has an astringent taste and may be opalescent and develop a greasy film on boiling.

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