

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
			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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Appleton																							
Appleton (+Glenwood)	Gander Lake (The Outflow)	Jun 06, 2023	LTD	6.9	0.120	0.130	0.004	0.160	LTD	LTD	0.002	LTD	LTD	0.001	0.230	LTD	0.690	<u>0.035</u>	LTD	LTD	LTD	LTD	LTD
Arnold's Cove																							
Arnold's Cove	Steve's Pond (2 Intakes)	Jun 22, 2023	LTD	5.2	LTD	0.170	0.014	0.096	LTD	LTD	0.002	LTD	LTD	LTD	0.065	LTD	0.510	0.011	LTD	LTD	LTD	LTD	LTD
Bay Roberts																							
Bay Roberts	Rocky Pond	May 19, 2023	LTD	1.8	LTD	0.180	LTD	0.034	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	0.700	0.009	LTD	LTD	LTD	LTD	LTD
Beaches																							
Beaches	Grassey Pond Brook	Jun 01, 2023	LTD	8.1	LTD	0.180	0.007	0.110	LTD	LTD	0.007	LTD	LTD	LTD	0.140	LTD	0.560	0.019	LTD	LTD	LTD	LTD	LTD
Beachside																							
Beachside	Long Pond	May 30, 2023	LTD	5.7	0.100	0.170	LTD	0.096	LTD	LTD	LTD	LTD	LTD	0.001	0.220	LTD	0.940	0.003	LTD	LTD	LTD	LTD	LTD
Bellevue																							
Bellevue	Big Pond	May 29, 2023	LTD	4.8	LTD	0.110	LTD	0.049	LTD	LTD	0.013	LTD	LTD	LTD	0.052	LTD	0.820	0.007	LTD	LTD	LTD	LTD	LTD
Bishop's Falls																							
Bishop's Falls	Northern Arm Lake	May 15, 2023	LTD	5.1	0.061	0.220	LTD	0.090	LTD	LTD	0.002	0.00008	LTD	LTD	0.130	LTD	0.350	<u>0.052</u>	LTD	LTD	LTD	LTD	LTD
Black Duck Cove																							
Black Duck Cove	Long Pond - Black Duck Cove Intake	Jun 12, 2023	0.062	6.6	LTD	0.200	0.022	0.029	LTD	LTD	0.003	0.00003	LTD	0.006	0.300	0.001	11.000	0.160	LTD	LTD	LTD	LTD	0.039
Botwood																							
Botwood	Northern Arm Lake	May 15, 2023	LTD	5.1	0.061	0.220	LTD	0.090	LTD	LTD	0.002	0.00008	LTD	LTD	0.130	LTD	0.350	<u>0.052</u>	LTD	LTD	LTD	LTD	LTD
Brighton																							
Brighton	Hynes Cove Pond	May 31, 2023	LTD	7.8	LTD	0.260	0.005	0.061	LTD	LTD	0.003	LTD	LTD	0.001	0.280	LTD	1.300	0.012	LTD	LTD	LTD	LTD	0.007
Bryant's Cove																							
Bryant's Cove (Backup Supply)	Kelly's Pond (Spider's Pond)	May 19, 2023	LTD	3.7	LTD	LTD	0.005	0.110	LTD	LTD	0.001	0.00001	LTD	0.002	0.110	0.001	0.470	0.014	LTD	LTD	LTD	LTD	LTD
Buchans																							
Buchans	Buchans Lake aka Sandy Lake	May 23, 2023	LTD	6.1	LTD	0.250	0.007	0.150	LTD	LTD	0.004	0.00001	0.00120	LTD	0.240	LTD	0.260	<u>0.071</u>	LTD	LTD	LTD	LTD	0.010
Buchans - PWDU	Buchans Lake aka Sandy Lake	May 23, 2023	LTD	6.1	LTD	0.250	0.007	0.150	LTD	LTD	0.004	0.00001	0.00120	LTD	0.240	LTD	0.260	<u>0.071</u>	LTD	LTD	LTD	LTD	0.010

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			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	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
			Aesthetic (A) or Contaminant (C) Parameter					C			C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Burgoyne's Cove																									
Burgoyne's Cove	Lower Rocky Pond	Jun 27, 2023	LTD	2.8	LTD	0.140	LTD	0.021	LTD	LTD	0.013	LTD	LTD	LTD	LTD	LTD	0.560	0.005	LTD	LTD	LTD	LTD	LTD		
Campbellton																									
Campbellton	Indian Arm Brook	May 30, 2023	LTD	6.6	LTD	0.130	0.004	0.093	LTD	LTD	0.002	LTD	LTD	LTD	0.075	LTD	0.640	0.007	LTD	LTD	LTD	LTD	LTD		
Caplin Cove-Southport																									
Southport	Button's Pond	May 19, 2023	LTD	5.1	LTD	0.110	0.009	0.120	LTD	LTD	0.003	0.00002	LTD	LTD	0.056	LTD	1.100	0.005	LTD	LTD	LTD	LTD	LTD		
Carbonear																									
Carbonear	Island Pond / Flings Long Pond	May 17, 2023	LTD	3.0	LTD	LTD	LTD	0.045	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.650	0.004	LTD	LTD	LTD	LTD	LTD		
Carmanville																									
Carmanville	Grandfathers Pond	Jun 06, 2023	LTD	3.7	0.051	0.150	LTD	0.038	LTD	LTD	LTD	0.00006	LTD	LTD	LTD	LTD	1.100	0.015	LTD	LTD	LTD	LTD	LTD		
Cavendish																									
Cavendish	Long Pond	Jun 07, 2023	LTD	3.9	LTD	0.140	LTD	0.048	LTD	LTD	0.001	LTD	LTD	0.001	LTD	LTD	0.800	0.009	LTD	LTD	LTD	LTD	LTD		
Centreville-Wareham-Trinity																									
Centreville-Wareham	Northwest Pond	Jun 20, 2023	LTD	6.5	0.056	0.270	0.011	0.150	LTD	LTD	0.002	LTD	LTD	0.001	0.190	LTD	0.570	0.017	LTD	LTD	LTD	LTD	LTD		
Trinity	Southwest Feeder Pond	Jun 20, 2023	LTD	7.3	0.078	0.190	0.008	0.180	LTD	LTD	0.001	LTD	0.00140	0.001	0.088	0.001	0.480	0.009	LTD	LTD	LTD	0.0001	LTD		
Chanceport																									
Chanceport	Bridger's Cove Pond	May 29, 2023	LTD	13.0	0.055	0.260	0.010	0.150	LTD	LTD	0.003	0.00013	LTD	0.003	<u>0.350</u>	LTD	2.500	<u>0.032</u>	LTD	LTD	LTD	LTD	LTD		
Clarenville																									
Clarenville, Shoal Harbour	Shoal Harbour River	Jun 14, 2023	LTD	8.0	0.084	0.100	0.008	0.140	LTD	LTD	0.002	LTD	LTD	LTD	0.190	LTD	0.360	0.015	LTD	LTD	LTD	LTD	LTD		
Clarke's Beach																									
Clarks Beach	Clarks Pond	May 19, 2023	LTD	2.8	0.160	0.120	LTD	0.042	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.640	0.006	LTD	LTD	LTD	LTD	LTD		
Comfort Cove-Newstead																									
Comfort Cove-Newstead	Steady Cove Pond	May 29, 2023	0.057	8.3	LTD	0.190	0.006	0.035	LTD	LTD	0.002	0.00001	LTD	LTD	0.120	LTD	2.100	<u>0.120</u>	LTD	LTD	LTD	LTD	LTD		
Deer Lake																									
Deer Lake (+Reidville)	Humber Canal, Grand Lake	Jun 16, 2023	LTD	3.9	0.170	0.110	0.004	0.064	LTD	LTD	0.005	LTD	LTD	0.002	LTD	LTD	0.730	0.004	LTD	LTD	LTD	LTD	0.006		

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			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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Embree																							
Embree (+Little Burnt Bay)	Troke's Cove Pond	May 17, 2023	LTD	6.0	LTD	0.150	LTD	0.055	LTD	LTD	0.001	0.00002	LTD	0.001	0.092	LTD	1.100	0.019	LTD	LTD	LTD	LTD	LTD
Fairbanks-Hillgrade																							
Fairbanks-Hillgrade	Saltine's Pond	May 30, 2023	LTD	7.5	LTD	0.190	0.007	0.110	LTD	LTD	0.005	0.00003	LTD	LTD	0.095	LTD	1.800	0.011	LTD	LTD	LTD	LTD	LTD
Ferryland																							
Ferryland	Deep Cove Pond	May 23, 2023	LTD	7.2	LTD	0.170	0.004	0.220	LTD	LTD	0.003	0.00001	LTD	LTD	0.094	LTD	0.760	0.008	LTD	LTD	LTD	LTD	LTD
Flower's Cove																							
Flower's Cove (+Nameless Cove)	French Island Pond	Jun 21, 2023	LTD	5.7	LTD	0.190	LTD	0.010	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	11.000	0.003	LTD	LTD	LTD	LTD	LTD
Fogo Island																							
Fogo	Freeman's Pond	Jun 13, 2023	0.073	16.0	LTD	0.310	0.022	0.460	LTD	LTD	0.004	0.00001	0.00140	0.001	<u>0.450</u>	LTD	1.600	<u>0.047</u>	LTD	LTD	LTD	LTD	LTD
Joe Batt's Arm-Barr'd Islands-Shoal Bay	Long Pond	Jun 13, 2023	0.050	11.0	LTD	0.220	0.014	0.240	LTD	LTD	0.002	LTD	LTD	LTD	0.140	LTD	1.000	0.015	LTD	LTD	LTD	0.0002	LTD
Fogo - PWDU	Freeman's Pond	Jun 13, 2023	0.073	16.0	LTD	0.310	0.022	0.460	LTD	LTD	0.004	0.00001	0.00140	0.001	<u>0.450</u>	LTD	1.600	<u>0.047</u>	LTD	LTD	LTD	LTD	LTD
Fox Cove-Mortier																							
Fox Cove-Mortier	Rock Pond	Jun 14, 2023	LTD	6.6	LTD	0.170	LTD	0.120	LTD	LTD	LTD	LTD	LTD	0.001	0.091	LTD	0.920	0.005	LTD	LTD	LTD	LTD	LTD
Gander																							
Gander	Gander Lake	Jun 07, 2023	LTD	6.2	0.190	0.150	LTD	0.086	LTD	LTD	0.002	0.00002	LTD	LTD	0.058	LTD	0.600	0.003	LTD	LTD	LTD	LTD	LTD
Gander Bay South																							
George's Point, Harris Point	Barry's Brook	Jun 06, 2023	LTD	9.5	0.072	0.260	0.006	0.094	LTD	LTD	LTD	LTD	0.00100	0.005	0.160	LTD	1.500	<u>0.026</u>	LTD	LTD	LTD	LTD	LTD
Gander Bay South - PWDU	Barry's Brook	Jun 06, 2023	LTD	9.5	0.072	0.260	0.006	0.094	LTD	LTD	LTD	LTD	0.00100	0.005	0.160	LTD	1.500	<u>0.026</u>	LTD	LTD	LTD	LTD	LTD
Garden Cove																							
Garden Cove	Arch Cove Pond	May 24, 2023	LTD	6.4	LTD	0.160	0.005	0.120	LTD	LTD	0.001	LTD	LTD	LTD	0.150	LTD	0.450	0.008	LTD	LTD	LTD	LTD	LTD
Gaskiers																							
Gaskiers-Point La Haye	Big Hare Hill Pond	May 31, 2023	LTD	8.2	LTD	0.180	0.005	0.140	LTD	LTD	0.004	LTD	LTD	0.001	0.120	LTD	2.200	0.007	LTD	LTD	LTD	LTD	LTD
Glenburnie-Birchy Head-Shoal Brook																							

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			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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Glenburnie-Birchy Head-Shoal Brook																							
Glenburnie-Birchy Head-Shoal Brook	Croucher's Brook	May 18, 2023	0.058	5.6	LTD	LTD	0.006	0.065	LTD	LTD	0.006	LTD	0.00140	0.001	0.110	LTD	1.500	0.003	LTD	0.003	LTD	LTD	LTD
Glenwood																							
Glenwood	Gander Lake (The Outflow)	Jun 06, 2023	LTD	6.9	0.120	0.130	0.004	0.160	LTD	LTD	0.002	LTD	LTD	0.001	0.230	LTD	0.690	<u>0.035</u>	LTD	LTD	LTD	LTD	LTD
Goose Cove East																							
Goose Cove East	Jack's Pond	Jun 21, 2023	LTD	11.0	0.160	0.250	0.005	0.160	LTD	LTD	LTD	LTD	0.00120	0.003	0.220	LTD	0.890	0.009	LTD	LTD	LTD	LTD	0.006
Grand Falls-Windsor																							
Grand Falls-Windsor (+Bishop's Falls, +Wooddale, +Botwood, +Peterwood)	Northern Arm Lake	May 15, 2023	LTD	5.1	0.061	0.220	LTD	0.090	LTD	LTD	0.002	0.00008	LTD	LTD	0.130	LTD	0.350	<u>0.052</u>	LTD	LTD	LTD	LTD	LTD
Great Brehat																							
Great Brehat	Little Steady Pond	Jun 21, 2023	LTD	11.0	0.083	0.260	0.010	0.120	LTD	LTD	0.002	LTD	LTD	0.001	0.260	LTD	0.690	<u>0.026</u>	LTD	LTD	LTD	LTD	0.006
Hampden																							
Hampden	Elliot Brook	Jun 01, 2023	LTD	4.6	LTD	LTD	0.010	0.019	LTD	LTD	0.006	LTD	LTD	0.041	0.053	LTD	1.100	0.010	LTD	LTD	LTD	LTD	0.009
Hant's Harbour																							
Hant's Harbour	Eastern Pond (Halfway Brook)	Jun 01, 2023	LTD	5.2	0.053	0.150	LTD	0.120	LTD	LTD	LTD	LTD	LTD	LTD	0.062	LTD	0.620	0.009	LTD	LTD	LTD	LTD	LTD
Harbour Main-Chapel's Cove-Lakeview																							
Harbour Main, Chapel's Cove, Lakeview	Maloney's River	Jun 06, 2023	LTD	4.1	0.063	0.140	0.006	0.035	LTD	LTD	0.005	LTD	LTD	LTD	0.057	LTD	0.680	0.011	LTD	LTD	LTD	LTD	0.005
Heart's Desire																							
Heart's Desire	Terrence Pond	Jun 20, 2023	LTD	3.1	0.069	LTD	0.008	0.051	LTD	LTD	0.001	0.00002	LTD	LTD	LTD	LTD	0.780	0.003	LTD	LTD	LTD	LTD	0.006
Indian Bay																							
Indian Bay	Indian Bay Brook	Jun 20, 2023	LTD	5.6	0.097	0.150	0.008	0.076	LTD	LTD	0.001	0.00003	LTD	LTD	0.068	LTD	0.580	0.008	LTD	LTD	LTD	LTD	LTD
King's Point																							
King's Point	Bulley's Pond	May 16, 2023	LTD	7.6	LTD	LTD	0.009	0.200	LTD	LTD	0.003	0.00002	LTD	0.001	0.260	LTD	0.390	<u>0.031</u>	LTD	LTD	LTD	LTD	0.005
Lamaline																							
Lamaline	Upper Hodges Pond	Jun 13, 2023	LTD	4.4	LTD	0.180	LTD	0.019	LTD	LTD	0.001	LTD	LTD	LTD	0.180	LTD	0.790	0.013	LTD	LTD	LTD	LTD	LTD

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			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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Lamaline																							
Lamaline - PWDU	Upper Hodges Pond	Jun 13, 2023	LTD	4.4	LTD	0.180	LTD	0.019	LTD	LTD	0.001	LTD	LTD	LTD	0.180	LTD	0.790	0.013	LTD	LTD	LTD	LTD	LTD
Lawn																							
Lawn	Brazil Pond	Jun 13, 2023	LTD	5.0	0.053	0.130	0.009	0.056	LTD	LTD	0.002	LTD	LTD	LTD	0.170	LTD	0.570	<u>0.027</u>	LTD	LTD	LTD	LTD	LTD
Lawn - PWDU	Brazil Pond	Jun 13, 2023	LTD	5.0	0.053	0.130	0.009	0.056	LTD	LTD	0.002	LTD	LTD	LTD	0.170	LTD	0.570	<u>0.027</u>	LTD	LTD	LTD	LTD	LTD
Little Bay																							
Little Bay	First Pond	May 16, 2023	LTD	3.6	0.170	LTD	0.004	0.065	LTD	LTD	LTD	0.00001	LTD	0.001	LTD	LTD	0.900	0.003	LTD	LTD	LTD	LTD	LTD
Little Burnt Bay																							
Little Burnt Bay	Troke's Cove Pond	May 17, 2023	LTD	6.0	LTD	0.150	LTD	0.055	LTD	LTD	0.001	0.00002	LTD	0.001	0.092	LTD	1.100	0.019	LTD	LTD	LTD	LTD	LTD
Little Harbour East																							
Little Harbour East (Placentia Bay)	Unnamed Pond	May 29, 2023	LTD	6.6	LTD	0.200	0.006	0.150	LTD	LTD	0.012	LTD	LTD	LTD	0.100	LTD	0.750	0.014	LTD	LTD	LTD	LTD	LTD
Main Brook																							
Main Brook	Joe Burt's Pond	Jun 20, 2023	LTD	5.8	LTD	0.210	LTD	0.020	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	2.500	0.008	LTD	LTD	LTD	LTD	LTD
Mainland																							
Mainland	Cointres Brook (Backup Supply)	Jun 15, 2023	LTD	2.3	0.170	0.110	LTD	0.049	LTD	LTD	0.031	0.00001	LTD	LTD	LTD	LTD	7.400	LTD	LTD	LTD	LTD	0.0002	LTD
Meadows																							
Meadows, Summerside West	Meaters Pond	Jun 28, 2023	LTD	4.4	LTD	0.110	0.007	0.027	LTD	LTD	0.003	LTD	LTD	LTD	0.060	LTD	1.000	0.013	LTD	LTD	LTD	LTD	LTD
Merritt's Harbour																							
Merritt's Harbour	Jimmy's Pond	May 30, 2023	0.064	9.1	LTD	0.230	0.011	0.120	LTD	LTD	0.003	0.00003	LTD	0.001	0.200	LTD	2.700	0.010	LTD	LTD	LTD	LTD	LTD
Middle Arm																							
Middle Arm	Dam Pond Brook	Jun 07, 2023	LTD	15.0	0.051	0.200	0.010	0.320	LTD	LTD	0.002	0.00001	LTD	LTD	0.240	LTD	0.290	<u>0.035</u>	LTD	LTD	LTD	LTD	0.006
Miles Cove																							
Miles Cove	Paddock's Pond	May 30, 2023	LTD	6.2	0.053	0.150	0.006	0.079	LTD	LTD	0.001	LTD	LTD	0.002	0.081	LTD	0.840	0.008	LTD	LTD	LTD	LTD	LTD
Millertown																							
Millertown	Water Pond	May 23, 2023	LTD	7.1	LTD	0.300	0.007	0.073	LTD	LTD	0.013	LTD	LTD	0.001	0.062	LTD	0.280	0.003	LTD	LTD	LTD	LTD	LTD

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		
			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	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A		
Milltown-Head of Bay D'Espoir																									
Milltown, Head of Bay D'Espoir	Jersey Pond	May 23, 2023	LTD	5.1	LTD	0.150	LTD	0.043	LTD	LTD	0.002	0.00009	LTD	LTD	0.240	LTD	1.200	0.017	LTD	LTD	LTD	LTD	LTD		
Ming's Bight																									
Ming's Bight	Middle Brook Pond	Jun 29, 2023	LTD	4.6	LTD	0.180	LTD	0.046	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	1.100	0.004	LTD	LTD	LTD	LTD	LTD		
Morrisville																									
Morrisville	Morrisville Pond	May 23, 2023	LTD	5.0	0.062	0.120	LTD	0.051	LTD	LTD	0.002	0.00003	LTD	LTD	0.130	LTD	1.100	<u>0.025</u>	LTD	LTD	LTD	LTD	LTD		
Nameless Cove																									
Nameless Cove / Flower Cove	French Island Pond	Jun 21, 2023	LTD	5.7	LTD	0.190	LTD	0.010	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	11.000	0.003	LTD	LTD	LTD	LTD	LTD		
New Chelsea-New Melbourne-Brownsdale-Sibley's Cove-I																									
Sibley's Cove, Lead Cove	Sibley's Cove Pond	May 30, 2023	LTD	2.5	LTD	0.130	LTD	0.074	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.610	0.008	LTD	LTD	LTD	LTD	LTD		
Norris Arm																									
Norris Arm (south)	Mill Lake	May 17, 2023	LTD	4.8	LTD	0.190	LTD	0.064	LTD	LTD	0.001	0.00001	LTD	LTD	LTD	LTD	0.770	0.005	LTD	LTD	LTD	LTD	LTD		
Northern Arm																									
Northern Arm	Northern Arm Lake	May 15, 2023	LTD	5.1	0.061	0.220	LTD	0.090	LTD	LTD	0.002	0.00008	LTD	LTD	0.130	LTD	0.350	<u>0.052</u>	LTD	LTD	LTD	LTD	LTD		
Old Perlican																									
Old Perlican	Bell Pond	May 30, 2023	LTD	3.4	LTD	0.180	0.005	0.095	LTD	LTD	0.002	LTD	LTD	LTD	0.084	LTD	0.680	<u>0.028</u>	LTD	LTD	LTD	LTD	LTD		
Pacquet																									
Pacquet	Big Brook	Jun 29, 2023	LTD	14.0	LTD	LTD	0.010	0.410	LTD	LTD	0.002	LTD	LTD	LTD	0.250	LTD	0.320	0.020	LTD	LTD	LTD	0.0005	LTD		
Pacquet - PWDU	Big Brook	Jun 29, 2023	LTD	14.0	LTD	LTD	0.010	0.410	LTD	LTD	0.002	LTD	LTD	LTD	0.250	LTD	0.320	0.020	LTD	LTD	LTD	0.0005	LTD		
Pasadena																									
Pasadena	Blue Gulch Pond	Jun 30, 2023	LTD	5.5	LTD	0.240	LTD	0.038	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	0.690	0.007	LTD	LTD	LTD	LTD	LTD		
Peterview																									
Peterview	Northern Arm Lake	May 15, 2023	LTD	5.1	0.061	0.220	LTD	0.090	LTD	LTD	0.002	0.00008	LTD	LTD	0.130	LTD	0.350	<u>0.052</u>	LTD	LTD	LTD	LTD	LTD		
Petit Forte																									
Petit Forte	Reddy's Pond	Jun 12, 2023	LTD	7.0	LTD	0.100	LTD	0.190	LTD	LTD	0.003	LTD	LTD	LTD	0.085	LTD	0.940	0.006	LTD	LTD	LTD	LTD	LTD		

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
			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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Placentia																							
Placentia, Jerseyside, SE Placentia	Larkins Pond	Jun 08, 2023	0.095	6.1	LTD	0.170	LTD	0.043	LTD	LTD	0.009	LTD	LTD	0.001	0.057	LTD	1.300	0.014	LTD	LTD	LTD	LTD	LTD
Pollards Point																							
Pollards Point, Country Cove	Country Cove Pond	May 31, 2023	LTD	4.6	LTD	LTD	LTD	0.041	LTD	LTD	0.060	LTD	LTD	LTD	0.050	LTD	0.880	<u>0.025</u>	LTD	LTD	LTD	LTD	LTD
Pollards Point East	George Ricks Pond	Jun 01, 2023	LTD	6.4	0.051	0.140	0.008	0.130	LTD	LTD	0.023	LTD	LTD	LTD	0.230	0.003	0.370	<u>0.021</u>	LTD	LTD	LTD	LTD	LTD
Pool's Cove																							
Pool's Cove	Widgeon Pond	May 24, 2023	LTD	3.8	LTD	0.120	LTD	0.055	LTD	LTD	0.003	0.00001	LTD	LTD	0.080	LTD	1.500	0.007	LTD	LTD	LTD	0.0001	LTD
Port au Choix																							
Port au Choix	Winterhouse Pond	Jun 22, 2023	LTD	4.4	LTD	0.200	LTD	0.026	LTD	LTD	0.005	LTD	LTD	0.001	LTD	0.001	10.000	0.009	LTD	LTD	LTD	0.0001	LTD
Port au Choix - PWDU	Winterhouse Pond	Jun 22, 2023	LTD	4.4	LTD	0.200	LTD	0.026	LTD	LTD	0.005	LTD	LTD	0.001	LTD	0.001	10.000	0.009	LTD	LTD	LTD	0.0001	LTD
Portugal Cove South																							
Portugal Cove South	Wrights Brook	May 31, 2023	LTD	3.5	LTD	LTD	0.006	0.110	LTD	LTD	0.001	0.00001	LTD	LTD	0.071	LTD	0.990	0.004	LTD	LTD	LTD	LTD	LTD
Pynn's Brook																							
Pynn's Brook	Pynn's Brook	Jun 28, 2023	0.096	5.7	LTD	0.130	0.006	0.044	LTD	LTD	0.029	LTD	LTD	LTD	0.058	LTD	1.600	0.011	LTD	LTD	LTD	LTD	LTD
Ramea																							
Ramea	Northwest Pond	Jun 13, 2023	0.052	12.0	0.067	0.210	0.011	0.220	LTD	LTD	0.003	0.00002	LTD	0.001	<u>0.310</u>	0.001	8.500	0.017	LTD	LTD	LTD	LTD	0.005
Ramea - PWDU	Northwest Pond	Jun 13, 2023	0.052	12.0	0.067	0.210	0.011	0.220	LTD	LTD	0.003	0.00002	LTD	0.001	<u>0.310</u>	0.001	8.500	0.017	LTD	LTD	LTD	LTD	0.005
Random Sound West																							
Queen's Cove	Reservoir	May 24, 2023	LTD	8.9	LTD	0.190	0.008	0.100	LTD	LTD	0.005	LTD	LTD	LTD	<u>0.310</u>	LTD	0.510	<u>0.022</u>	LTD	LTD	LTD	LTD	LTD
Reidville																							
Reidville	Humber Canal, Grand Lake	Jun 16, 2023	LTD	3.9	0.170	0.110	0.004	0.064	LTD	LTD	0.005	LTD	LTD	0.002	LTD	LTD	0.730	0.004	LTD	LTD	LTD	LTD	0.006
River of Ponds																							
River of Ponds	Burnt Head Ponds	Jun 22, 2023	0.075	4.8	LTD	0.190	LTD	0.012	LTD	LTD	0.006	LTD	LTD	0.001	LTD	LTD	5.800	0.014	LTD	LTD	LTD	LTD	0.005
Rushoon																							

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		
			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	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
			Aesthetic (A) or Contaminant (C) Parameter			C					C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Rushoon																									
Rushoon	Big Pond Brook	Jun 15, 2023	0.057	5.1	LTD	0.150	LTD	0.110	LTD	LTD	0.005	LTD	LTD	LTD	0.059	LTD	0.510	0.006	LTD	LTD	LTD	LTD	LTD		
Salmon Cove																									
Salmon Cove	Rocky Pond	May 17, 2023	0.050	2.8	0.071	LTD	LTD	0.051	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.450	0.009	LTD	LTD	LTD	LTD	LTD		
Sheaves Cove																									
Sheaves Cove	Unnamed Brook	Jun 14, 2023	LTD	3.0	0.280	0.110	LTD	0.019	LTD	LTD	0.019	LTD	LTD	LTD	LTD	LTD	7.100	0.003	LTD	LTD	LTD	0.0002	LTD		
Shoe Cove																									
Shoe Cove	Second Pond	Jun 29, 2023	0.058	5.9	0.053	0.180	0.005	0.200	LTD	LTD	0.005	LTD	LTD	0.001	0.100	LTD	0.720	<u>0.030</u>	LTD	LTD	LTD	LTD	0.006		
Sop's Arm																									
Sop's Arm	Little Tickle Pond	May 31, 2023	LTD	9.0	0.077	0.170	0.006	0.170	LTD	LTD	0.014	LTD	LTD	LTD	0.140	LTD	0.880	<u>0.023</u>	LTD	LTD	LTD	LTD	LTD		
South Brook																									
South Brook	Next to Brook	May 30, 2023	LTD	0.7	0.340	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	0.002	LTD	LTD	2.900	LTD	LTD	LTD	LTD	0.0003	0.007		
Spaniard's Bay																									
Spaniard's Bay (+Upper Island Cove, + Bryant's Cove)	Kelly's Pond (Spider's Pond)	May 19, 2023	LTD	3.7	LTD	LTD	0.005	0.110	LTD	LTD	0.001	0.00001	LTD	0.002	0.110	0.001	0.470	0.014	LTD	LTD	LTD	LTD	LTD		
St. Judes																									
St. Judes	Uncle Arthur Brook	Jun 30, 2023	LTD	8.6	LTD	0.240	LTD	0.080	LTD	LTD	0.020	LTD	LTD	0.001	LTD	LTD	2.100	0.014	LTD	LTD	LTD	0.0001	LTD		
St. Judes	Chute Brook	Jun 30, 2023	LTD	4.5	LTD	0.150	LTD	0.047	LTD	LTD	0.021	LTD	LTD	LTD	LTD	LTD	1.500	<u>0.043</u>	LTD	LTD	LTD	LTD	LTD		
St. Lawrence																									
St. Lawrence	St. Lawrence River	Jun 14, 2023	LTD	4.5	0.091	LTD	0.006	0.095	LTD	LTD	0.008	LTD	LTD	LTD	0.180	LTD	0.420	0.013	LTD	LTD	LTD	0.0002	LTD		
St. Lawrence - PWDU	St. Lawrence River	Jun 14, 2023	LTD	4.5	0.091	LTD	0.006	0.095	LTD	LTD	0.008	LTD	LTD	LTD	0.180	LTD	0.420	0.013	LTD	LTD	LTD	0.0002	LTD		
St. Lunaire-Griquet																									
St. Lunaire-Griquet	Joe's Pond	Jun 21, 2023	LTD	12.0	LTD	0.220	0.015	0.120	LTD	LTD	0.005	LTD	0.00120	0.001	<u>1.100</u>	LTD	1.800	<u>0.091</u>	LTD	LTD	LTD	LTD	LTD		
Gunners Cove	Lookout Brook	Jun 21, 2023	LTD	13.0	LTD	0.290	LTD	0.180	LTD	LTD	0.003	LTD	0.00100	0.002	<u>0.340</u>	LTD	1.200	<u>0.041</u>	LTD	LTD	LTD	LTD	0.006		
St. Lunaire-Griquet	Joe's Pond	Jun 21, 2023	LTD	12.0	LTD	0.220	0.015	0.120	LTD	LTD	0.005	LTD	0.00120	0.001	<u>1.100</u>	LTD	1.800	<u>0.091</u>	LTD	LTD	LTD	LTD	LTD		

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
			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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
St. Pauls																							
St. Pauls	Two Mile Pond	Jun 23, 2023	0.370	6.7	LTD	0.280	0.006	0.029	LTD	LTD	0.031	LTD	LTD	LTD	0.150	LTD	3.800	0.016	LTD	LTD	LTD	0.0001	LTD
Steady Brook																							
Steady Brook	Wellfield + Steady Brook	Jun 30, 2023	LTD	8.6	LTD	0.140	0.010	0.150	LTD	LTD	0.005	LTD	LTD	0.001	0.270	LTD	0.390	0.012	LTD	LTD	LTD	LTD	LTD
Straitsview																							
Straitsview	Saddle Hill Pond	Jun 21, 2023	LTD	11.0	0.067	0.270	LTD	0.084	LTD	LTD	0.002	LTD	LTD	0.002	0.290	LTD	1.400	0.004	LTD	LTD	LTD	LTD	LTD
Thornlea																							
Thornlea	Big Bakeapple Pond	Jun 05, 2023	LTD	7.7	LTD	0.170	0.006	0.170	LTD	LTD	0.047	0.00001	LTD	LTD	0.110	LTD	0.730	0.013	LTD	LTD	LTD	LTD	LTD
Tizzard's Harbour																							
Tizzard's Harbour	Rocky Pond	May 29, 2023	LTD	11.0	LTD	0.180	0.006	0.330	LTD	LTD	0.001	0.00006	LTD	0.001	<u>0.570</u>	LTD	1.700	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD
Torbay																							
Torbay	North Pond	May 16, 2023	LTD	2.8	LTD	0.110	LTD	0.040	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	0.780	0.011	LTD	LTD	LTD	LTD	LTD
Trinity Bay North																							
Little Catalina	Whirl Pond	Jun 22, 2023	LTD	9.0	0.070	0.360	0.034	0.210	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.350</u>	LTD	0.460	<u>0.057</u>	LTD	LTD	LTD	LTD	LTD
Melrose	Whirl Pond	Jun 22, 2023	LTD	9.0	0.070	0.360	0.034	0.210	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.350</u>	LTD	0.460	<u>0.057</u>	LTD	LTD	LTD	LTD	LTD
Port Union, Catalina (+Little Catalina)	Whirl Pond	Jun 22, 2023	LTD	9.0	0.070	0.360	0.034	0.210	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.350</u>	LTD	0.460	<u>0.057</u>	LTD	LTD	LTD	LTD	LTD
Triton																							
Triton, Jim's Cove, Card's Harbour	Triton Pond	May 31, 2023	0.051	9.3	0.060	0.160	LTD	0.065	LTD	LTD	0.013	LTD	LTD	0.001	0.095	LTD	2.200	0.006	LTD	LTD	LTD	LTD	LTD
Upper Island Cove																							
Upper Island Cove	Kelly's Pond (Spider's Pond)	May 19, 2023	LTD	3.7	LTD	LTD	0.005	0.110	LTD	LTD	0.001	0.00001	LTD	0.002	0.110	0.001	0.470	0.014	LTD	LTD	LTD	LTD	LTD
Victoria																							
Victoria (+Salmon Cove)	Rocky Pond	May 17, 2023	0.050	2.8	0.071	LTD	LTD	0.051	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.450	0.009	LTD	LTD	LTD	LTD	LTD
Whiteway																							
Whiteway (+Cavendish)	Long Pond	Jun 07, 2023	LTD	3.9	LTD	0.140	LTD	0.048	LTD	LTD	0.001	LTD	LTD	0.001	LTD	LTD	0.800	0.009	LTD	LTD	LTD	LTD	LTD

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
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Whiteway																							
Whiteway - PWDU	Long Pond	Jun 07, 2023	LTD	3.9	LTD	0.140	LTD	0.048	LTD	LTD	0.001	LTD	LTD	0.001	LTD	LTD	0.800	0.009	LTD	LTD	LTD	LTD	LTD
Wooddale																							
Wooddale	Northern Arm Lake	May 15, 2023	LTD	5.1	0.061	0.220	LTD	0.090	LTD	LTD	0.002	0.00008	LTD	LTD	0.130	LTD	0.350	0.052	LTD	LTD	LTD	LTD	LTD
Woody Point																							
Woody Point	Winterhouse Brook	May 18, 2023	LTD	3.7	0.098	LTD	LTD	0.056	LTD	LTD	0.005	LTD	0.00210	0.001	0.110	LTD	6.400	0.003	LTD	0.007	LTD	LTD	LTD

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
			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		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A

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-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 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 0.01 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.

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