



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			2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	C	A / C	A	C		A / C	C		C	C	A			
Anchor Point																									
Anchor Point	Well Cove Brook	Aug 12, 2025	0.055	8.0	LTD	0.350	0.012	0.012	LTD	LTD	0.005	LTD	LTD	LTD	<u>0.130</u>	LTD	13.000	0.019	LTD	LTD	LTD	LTD	LTD		
Appleton																									
Appleton (+Glenwood)	Gander Lake (The Outflow)	Aug 27, 2025	LTD	6.2	0.088	0.170	0.004	0.088	LTD	LTD	0.002	LTD	LTD	0.001	0.100	LTD	0.700	<u>0.040</u>	LTD	LTD	LTD	LTD	LTD		
Aquaforte																									
Aquaforte	Davies Pond	Aug 12, 2025	LTD	4.9	LTD	0.190	0.007	0.085	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.110</u>	LTD	0.510	0.014	LTD	LTD	LTD	LTD	LTD		
Baie Verte																									
Baie Verte	Southern Arm Pond	Sep 29, 2025	LTD	6.3	LTD	0.130	LTD	0.088	LTD	LTD	0.003	LTD	LTD	0.110	LTD	0.001	0.540	0.005	LTD	LTD	LTD	LTD	0.061		
Bay L'Argent																									
Bay L'Argent	Sugarloaf Hill Pond	Sep 11, 2025	0.057	6.4	0.078	0.240	LTD	0.053	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.160</u>	LTD	0.740	<u>0.021</u>	LTD	LTD	LTD	LTD	LTD		
Belleoram																									
Belleoram	Rabbits Pond	Aug 26, 2025	0.070	7.2	LTD	0.260	0.009	0.540	LTD	LTD	0.004	0.00001	LTD	0.001	<u>0.400</u>	0.001	0.500	0.007	LTD	LTD	LTD	0.0001	LTD		
Bird Cove																									
Bird Cove (+Brig Bay)	Inner Gilmour Pond	Aug 13, 2025	LTD	10.0	LTD	0.410	0.007	0.011	LTD	LTD	0.003	LTD	LTD	0.001	0.079	LTD	12.000	<u>0.031</u>	LTD	LTD	LTD	LTD	0.006		
Black Tickle-Domino																									
Black Tickle-Domino - Outside Tap	Martin's Pond - Tap at Pumphouse	Sep 05, 2025	LTD	6.4	LTD	0.300	0.006	0.100	LTD	LTD	0.004	LTD	LTD	0.001	<u>0.410</u>	LTD	1.400	0.006	LTD	LTD	LTD	LTD	LTD		
Black Tickle-Domino - PWDU	Martin's Pond - Tap at Pumphouse	Sep 05, 2025	LTD	6.4	LTD	0.300	0.006	0.100	LTD	LTD	0.004	LTD	LTD	0.001	<u>0.410</u>	LTD	1.400	0.006	LTD	LTD	LTD	LTD	LTD		
Bonavista																									
Bonavista	Long Pond	Sep 17, 2025	LTD	3.2	LTD	0.150	LTD	0.025	LTD	LTD	LTD	LTD	0.00180	0.001	0.100	LTD	0.970	<u>0.044</u>	LTD	LTD	LTD	LTD	LTD		
Brent's Cove																									
Brent's Cove	Paddy's Pond	Aug 06, 2025	0.066	9.9	LTD	0.440	0.016	0.360	LTD	LTD	0.005	0.00003	LTD	0.014	<u>0.820</u>	0.003	0.700	<u>0.048</u>	LTD	LTD	LTD	0.0002	0.028		
Brig Bay																									
Brig Bay	Inner Gilmour Pond	Aug 13, 2025	LTD	10.0	LTD	0.410	0.007	0.011	LTD	LTD	0.003	LTD	LTD	0.001	0.079	LTD	12.000	<u>0.031</u>	LTD	LTD	LTD	LTD	0.006		
Buchans Junction																									
Buchans Junction	Lapland Pond	Aug 25, 2025	LTD	6.6	LTD	0.350	0.010	0.030	LTD	LTD	0.004	LTD	LTD	LTD	0.073	LTD	0.380	0.012	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		2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	C	A / C	A	C		A / C	C		C	C	A
Burin																							
Burin (+Lewin's Cove)	Big Pond	Sep 10, 2025	LTD	4.7	LTD	LTD	LTD	0.049	LTD	LTD	0.006	LTD	LTD	LTD	LTD	LTD	0.760	0.007	LTD	LTD	LTD	LTD	LTD
Burin	Long Pond	Sep 10, 2025	LTD	4.2	LTD	LTD	LTD	0.049	LTD	LTD	LTD	LTD	LTD	0.001	LTD	LTD	0.810	0.003	LTD	LTD	LTD	LTD	LTD
Port au Bras	Gripe Cove Pond	Sep 10, 2025	LTD	4.2	LTD	LTD	LTD	0.034	LTD	LTD	0.002	LTD	LTD	0.002	LTD	LTD	1.200	0.010	LTD	LTD	LTD	LTD	LTD
Burlington																							
Burlington	Eastern Island Pond	Sep 29, 2025	LTD	7.5	LTD	0.170	LTD	0.200	LTD	LTD	0.002	LTD	LTD	0.001	<u>0.300</u>	LTD	0.520	0.007	LTD	LTD	LTD	LTD	LTD
Burnt Islands																							
Burnt Islands	Long Lake	Sep 09, 2025	0.060	8.0	0.063	0.160	LTD	0.190	LTD	LTD	0.002	0.00001	LTD	0.008	<u>0.230</u>	0.001	0.510	0.015	LTD	LTD	LTD	LTD	0.005
Burnt Islands - PWDU	Long Lake	Sep 09, 2025	0.060	8.0	0.063	0.160	LTD	0.190	LTD	LTD	0.002	0.00001	LTD	0.008	<u>0.230</u>	0.001	0.510	0.015	LTD	LTD	LTD	LTD	0.005
Cape Freels North																							
Cape Freels North	Long Pond	Aug 27, 2025	LTD	13.0	LTD	LTD	0.005	0.200	LTD	LTD	0.002	0.00001	LTD	0.001	<u>0.810</u>	0.001	1.400	0.016	LTD	LTD	LTD	LTD	0.006
Castor River North																							
Castor River North	Long Pond (same as Bartletts Harbour)	Aug 13, 2025	LTD	7.3	LTD	0.250	LTD	0.007	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	12.000	0.006	LTD	LTD	LTD	LTD	LTD
Channel-Port aux Basques																							
Channel-Port Aux Basques	Gull Pond & Wilcox Pond	Sep 09, 2025	0.054	14.0	0.093	LTD	0.025	0.250	LTD	LTD	0.002	0.00001	LTD	0.012	<u>0.520</u>	0.001	0.470	0.007	LTD	LTD	LTD	LTD	0.008
Clarenville																							
Clarenville, Shoal Harbour	Shoal Harbour River	Aug 20, 2025	LTD	3.8	LTD	0.120	0.006	0.022	LTD	LTD	0.001	LTD	LTD	LTD	0.099	LTD	0.600	0.013	LTD	LTD	LTD	LTD	0.016
Colliers																							
Colliers	Bedlam Pond	Aug 25, 2025	LTD	3.4	LTD	0.220	LTD	0.014	LTD	LTD	LTD	LTD	LTD	LTD	0.063	LTD	0.560	<u>0.050</u>	LTD	LTD	LTD	LTD	LTD
Cook's Harbour																							
Cook's Harbour	Unnamed Pond	Aug 12, 2025	LTD	5.0	LTD	0.330	LTD	0.016	LTD	LTD	0.010	LTD	LTD	LTD	LTD	LTD	4.100	0.010	LTD	LTD	LTD	LTD	LTD
Cottlesville																							
Cottlesville	Rushy Cove Pond	Aug 12, 2025	0.066	9.6	LTD	0.340	0.006	0.044	LTD	LTD	0.014	LTD	LTD	0.001	LTD	LTD	1.800	0.008	LTD	LTD	LTD	LTD	LTD
Cottrell's Cove																							

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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 Aesthetic (A) or Contaminant (C) Parameter			10		10	2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	0.005		0.02 / 0.12	0.001		0.05	0.02	5.0	
Cottrell's Cove																									
Cottrell's Cove	Cottrell's Pond	Aug 11, 2025	LTD	6.6	LTD	0.360	0.008	0.014	LTD	LTD	0.008	LTD	0.00170	0.001	LTD	LTD	2.200	0.018	LTD	LTD	LTD	LTD	LTD		
Cow Head																									
Cow Head	Short Cat Path Pond	Sep 11, 2025	0.067	13.0	LTD	0.610	0.008	0.069	LTD	LTD	0.021	LTD	LTD	0.001	<u>0.180</u>	LTD	2.300	<u>0.083</u>	LTD	LTD	LTD	LTD	LTD		
Cow Head - PWDU	Short Cat Path Pond	Sep 11, 2025	0.067	13.0	LTD	0.610	0.008	0.069	LTD	LTD	0.021	LTD	LTD	0.001	<u>0.180</u>	LTD	2.300	<u>0.083</u>	LTD	LTD	LTD	LTD	LTD		
Cox's Cove																									
Cox's Cove	Cox's Brook	Sep 17, 2025	LTD	4.6	LTD	0.120	LTD	0.022	LTD	LTD	0.003	LTD	LTD	LTD	0.091	LTD	1.600	<u>0.022</u>	LTD	LTD	LTD	LTD	LTD		
Deep Bight																									
Deep Bight	Deep Bight River	Aug 20, 2025	LTD	2.6	0.130	LTD	0.011	0.110	LTD	LTD	0.006	0.00001	LTD	0.003	<u>0.390</u>	LTD	0.890	0.360	LTD	LTD	LTD	LTD	LTD		
Dildo																									
Dildo, Broad Cove (+South Dildo)	Broad Cove Pond	Sep 25, 2025	LTD	4.1	LTD	LTD	LTD	0.024	LTD	LTD	LTD	LTD	LTD	LTD	0.057	LTD	0.700	0.014	LTD	LTD	LTD	LTD	LTD		
Eddies Cove West																									
Eddies Cove West	Unnamed	Aug 13, 2025	0.060	6.4	0.100	0.170	LTD	0.015	LTD	LTD	0.008	LTD	LTD	LTD	0.068	LTD	16.000	<u>0.033</u>	LTD	LTD	LTD	0.0001	LTD		
Fermeuse																									
Fermeuse, Kingman's	Merrymeeting Pond, Bear Cove Pond (2 intakes)	Aug 12, 2025	LTD	2.9	LTD	LTD	0.005	0.038	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.840	0.005	LTD	LTD	LTD	LTD	LTD		
Fleur de Lys																									
Fleur De Lys	First Pond, Narrow Pond	Aug 06, 2025	LTD	8.7	LTD	0.280	LTD	0.110	LTD	LTD	0.006	LTD	LTD	0.002	<u>0.330</u>	LTD	1.100	0.018	LTD	LTD	LTD	LTD	0.009		
Fogo Island																									
Tilting	Sandy Cove Pond	Sep 17, 2025	LTD	7.5	LTD	0.450	0.014	0.041	LTD	LTD	LTD	LTD	LTD	LTD	<u>0.140</u>	LTD	1.000	<u>0.022</u>	LTD	LTD	LTD	LTD	LTD		
Forteau																									
Forteau	Trout Brook	Aug 19, 2025	LTD	3.3	LTD	0.120	LTD	0.016	LTD	LTD	0.011	LTD	LTD	LTD	<u>0.140</u>	LTD	8.600	0.016	LTD	LTD	LTD	LTD	LTD		
Francois																									
Francois	Our Pond	Aug 26, 2025	LTD	5.8	0.074	0.120	LTD	0.210	LTD	LTD	0.002	0.00001	LTD	LTD	0.062	0.001	0.370	0.009	LTD	LTD	LTD	0.0010	LTD		
Gallants																									
Gallants	Gallant's Brook	Sep 18, 2025	LTD	0.9	0.140	LTD	0.009	LTD	LTD	LTD	0.007	LTD	LTD	LTD	LTD	LTD	13.000	LTD	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		2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	C	A / C	A	C		A / C	C		C	C	A
Gambo																							
Gambo	Dark Cove Pond	Aug 19, 2025	LTD	5.5	LTD	0.330	LTD	0.015	LTD	LTD	0.001	LTD	LTD	0.001	LTD	LTD	0.540	0.017	LTD	LTD	LTD	LTD	LTD
Garnish																							
Garnish	Witchazel Pond	Sep 11, 2025	LTD	6.3	LTD	0.130	0.006	0.043	LTD	LTD	0.002	LTD	LTD	LTD	0.078	LTD	0.960	0.017	LTD	LTD	LTD	LTD	LTD
Gaultois																							
Gaultois	Piccaire Pond	Sep 09, 2025	0.053	23.0	0.078	LTD	0.005	0.670	LTD	LTD	0.003	0.00001	LTD	0.001	<u>0.560</u>	0.001	0.650	0.012	LTD	LTD	LTD	0.0001	LTD
Gaultois - PWDU	Piccaire Pond	Sep 09, 2025	0.053	23.0	0.078	LTD	0.005	0.670	LTD	LTD	0.003	0.00001	LTD	0.001	<u>0.560</u>	0.001	0.650	0.012	LTD	LTD	LTD	0.0001	LTD
Georgetown																							
Georgetown	Third Pond	Aug 25, 2025	LTD	3.7	LTD	0.210	LTD	0.024	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	0.880	0.019	LTD	LTD	LTD	LTD	LTD
Glenwood																							
Glenwood	Gander Lake (The Outflow)	Aug 27, 2025	LTD	6.2	0.088	0.170	0.004	0.088	LTD	LTD	0.002	LTD	LTD	0.001	0.100	LTD	0.700	<u>0.040</u>	LTD	LTD	LTD	LTD	LTD
Glovertown																							
Glovertown	Northwest Pond	Sep 16, 2025	LTD	6.8	LTD	0.160	LTD	0.110	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	0.400	0.004	LTD	LTD	LTD	LTD	LTD
Goobies																							
Goobies	Water Pond	Aug 21, 2025	LTD	6.1	LTD	0.320	LTD	0.018	LTD	LTD	LTD	LTD	0.00130	LTD	0.059	LTD	0.340	0.004	LTD	LTD	LTD	LTD	LTD
Grand Bank																							
Grand Bank (Backup Supply)	Grand Bank Brook (Backup Supply)	Aug 14, 2025	0.056	4.5	LTD	0.220	0.010	0.037	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.510</u>	LTD	0.970	0.160	LTD	LTD	LTD	LTD	LTD
Greenspond																							
Greenspond	Shambler's Cove Pond	Aug 19, 2025	LTD	7.2	LTD	0.220	0.008	0.220	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.110</u>	LTD	0.810	0.011	LTD	LTD	LTD	0.0005	LTD
Happy Valley-Goose Bay																							
Happy Valley-Goose Bay	Spring Gulch	Aug 07, 2025	LTD	0.8	LTD	LTD	0.018	0.018	LTD	LTD	0.003	LTD	LTD	LTD	0.089	LTD	1.600	0.015	LTD	LTD	LTD	LTD	LTD
Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.140	1.5	LTD	0.150	0.039	0.005	LTD	LTD	0.009	LTD	LTD	0.006	<u>10.000</u>	LTD	5.300	0.510	LTD	LTD	LTD	LTD	0.013
Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.130	0.9	LTD	0.120	0.053	0.013	LTD	LTD	0.007	LTD	LTD	LTD	<u>3.400</u>	LTD	6.200	0.190	LTD	LTD	LTD	LTD	LTD
Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.110	LTD	LTD	LTD	0.043	0.011	LTD	LTD	0.009	LTD	0.00110	0.001	<u>6.900</u>	LTD	5.400	0.180	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	mg/L	mg/L
			Guidelines for Canadian Drinking Water Quality			10			2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	C	A / C	A	C	A / C		C	C		C	C	A		
Happy Valley-Goose Bay																									
Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.180	0.8	LTD	LTD	0.048	LTD	LTD	LTD	0.010	LTD	LTD	0.001	<u>1.800</u>	LTD	12.000	0.360	LTD	LTD	LTD	LTD	LTD		
Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.079	1.4	LTD	LTD	0.030	0.010	LTD	LTD	0.008	LTD	LTD	0.001	<u>1.800</u>	LTD	5.500	0.260	LTD	LTD	LTD	LTD	LTD		
Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.120	1.5	LTD	LTD	0.038	0.007	LTD	LTD	0.006	LTD	LTD	0.001	<u>2.400</u>	LTD	5.300	0.470	LTD	LTD	LTD	LTD	LTD		
Harbour Breton																									
Harbour Breton	Connaigra Pond, Hutchings Pond	Aug 20, 2025	LTD	6.5	0.059	0.190	LTD	0.120	LTD	LTD	0.002	LTD	LTD	0.001	LTD	LTD	0.850	0.004	LTD	LTD	LTD	LTD	LTD		
Hawke's Bay																									
Hawke's Bay	Torrent River	Sep 03, 2025	LTD	5.9	LTD	0.110	LTD	0.110	LTD	LTD	0.006	LTD	LTD	LTD	0.097	LTD	1.600	0.012	LTD	LTD	LTD	0.0001	LTD		
Heart's Content																									
Heart's Content	Southern Cove Pond	Sep 23, 2025	0.059	3.6	LTD	LTD	LTD	0.057	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.480	0.005	LTD	LTD	LTD	LTD	LTD		
Herring Neck																									
Herring Neck, Hatchet Harbour, Salt Harbour, Shoal Cove, Sunnyside	Gut Pond	Aug 13, 2025	LTD	8.1	LTD	0.300	0.004	0.023	LTD	LTD	0.001	LTD	0.00190	0.001	LTD	LTD	3.300	<u>0.022</u>	LTD	LTD	LTD	LTD	LTD		
Hughes Brook																									
Hughes Brook	Reservoir	Sep 22, 2025	LTD	1.9	0.210	LTD	LTD	0.011	LTD	LTD	0.004	LTD	LTD	0.002	LTD	LTD	20.000	0.002	LTD	LTD	LTD	0.0003	LTD		
Indian Bay																									
Indian Bay	Indian Bay Brook	Aug 19, 2025	LTD	4.6	LTD	0.160	0.004	0.032	LTD	LTD	0.001	LTD	0.00110	LTD	0.086	LTD	0.820	0.015	LTD	LTD	LTD	LTD	LTD		
Irishtown-Summerside																									
Irishtown	Irishtown Brook	Sep 18, 2025	LTD	4.6	0.180	LTD	0.009	0.014	LTD	LTD	0.005	LTD	LTD	LTD	<u>0.130</u>	LTD	3.400	<u>0.080</u>	LTD	LTD	LTD	LTD	LTD		
Summerside	Pynn's Pond	Sep 18, 2025	LTD	6.0	LTD	LTD	LTD	0.037	LTD	LTD	0.003	LTD	LTD	LTD	<u>0.160</u>	LTD	0.840	<u>0.023</u>	LTD	LTD	LTD	LTD	LTD		
Jackson's Arm																									
Jackson's Arm	Unnamed Brook	Sep 16, 2025	LTD	4.8	0.054	0.180	LTD	0.042	LTD	LTD	0.015	LTD	LTD	0.003	<u>0.110</u>	LTD	0.630	<u>0.110</u>	LTD	LTD	LTD	LTD	LTD		
Jackson's Arm - PWDU	Unnamed Brook	Sep 16, 2025	LTD	4.8	0.054	0.180	LTD	0.042	LTD	LTD	0.015	LTD	LTD	0.003	<u>0.110</u>	LTD	0.630	<u>0.110</u>	LTD	LTD	LTD	LTD	LTD		
L'Anse au Clair																									
L'Anse au Clair	Park Pond	Aug 19, 2025	LTD	3.0	LTD	0.210	0.007	0.006	LTD	LTD	0.004	LTD	LTD	LTD	0.062	LTD	7.200	0.016	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		2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	C	A / C	A	C		A / C	C		C	C	A
Leading Ticksles																							
Leading Ticksles	Cook's Pond	Aug 11, 2025	LTD	8.3	LTD	0.260	0.016	0.068	LTD	LTD	0.001	LTD	LTD	0.001	<u>0.170</u>	LTD	1.100	<u>0.029</u>	LTD	LTD	LTD	LTD	LTD
Leading Ticksles - PWDU	Cook's Pond	Aug 11, 2025	LTD	8.3	LTD	0.260	0.016	0.068	LTD	LTD	0.001	LTD	LTD	0.001	<u>0.170</u>	LTD	1.100	<u>0.029</u>	LTD	LTD	LTD	LTD	LTD
Lewin's Cove																							
Lewin's Cove	Big Pond	Sep 10, 2025	LTD	4.7	LTD	LTD	LTD	0.049	LTD	LTD	0.006	LTD	LTD	LTD	LTD	LTD	0.760	0.007	LTD	LTD	LTD	LTD	LTD
Lewisporte																							
Lewisporte	Stanhope Pond	Sep 16, 2025	LTD	6.9	LTD	0.300	0.008	0.068	LTD	LTD	0.002	LTD	LTD	0.001	<u>0.170</u>	LTD	0.990	<u>0.085</u>	LTD	LTD	LTD	LTD	LTD
Long Harbour-Mount Arlington Heights																							
Long Harbour-Mount Arlington Heights	Shingle Pond and/or Trout Pond (2 Intakes)	Sep 23, 2025	LTD	7.6	LTD	0.150	0.007	0.060	LTD	LTD	0.030	LTD	LTD	0.001	<u>0.250</u>	LTD	0.590	<u>0.075</u>	LTD	LTD	LTD	LTD	0.008
Loon Bay																							
Loon Bay	Southeast Pond	Aug 12, 2025	LTD	6.0	0.081	0.320	LTD	0.017	LTD	LTD	0.001	LTD	LTD	0.001	LTD	LTD	0.730	0.009	LTD	LTD	LTD	LTD	LTD
Lumsden																							
Lumsden	Gull Pond	Aug 27, 2025	LTD	9.7	LTD	LTD	LTD	0.400	LTD	LTD	0.001	LTD	0.00120	LTD	<u>1.900</u>	0.001	0.690	0.008	LTD	LTD	LTD	0.0001	LTD
Marystown																							
Marystown	Fox Hill Reservoir / Clam Pond	Sep 11, 2025	LTD	5.1	LTD	LTD	LTD	0.058	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	0.630	0.015	LTD	LTD	LTD	LTD	LTD
Mclvers																							
Mclvers	Mclvers Brook	Sep 17, 2025	LTD	3.8	0.092	LTD	LTD	0.011	LTD	LTD	0.002	LTD	LTD	LTD	0.059	LTD	2.200	0.005	LTD	LTD	LTD	LTD	LTD
New Perlican																							
New Perlican	New Perlican River	Sep 23, 2025	LTD	3.9	LTD	LTD	LTD	0.037	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.660	0.017	LTD	LTD	LTD	LTD	LTD
Nippers Harbour																							
Nippers Harbour	Blackhead Pond Brook	Aug 06, 2025	0.052	4.5	LTD	0.230	LTD	0.074	LTD	LTD	0.002	LTD	LTD	0.001	0.050	LTD	0.560	0.014	LTD	LTD	LTD	LTD	0.008
Norman's Cove-Long Cove																							
Norman's Cove-Long Cove	John Newhooks Pond	Aug 20, 2025	LTD	3.6	LTD	0.130	LTD	0.043	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	0.510	0.007	LTD	LTD	LTD	LTD	LTD
North Harbour																							
North Harbour	Grandfather's Pond	Aug 21, 2025	LTD	6.0	LTD	0.200	0.004	0.160	LTD	LTD	0.001	LTD	LTD	LTD	<u>0.820</u>	LTD	0.400	<u>0.030</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	mg/L
		Guidelines for Canadian Drinking Water Quality			10		2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	A / C	A	C		A / C	C		C	C	A	
North West River																							
North West River	Wellfield (Well # 1 & Well # 2)	Aug 06, 2025	LTD	0.5	LTD	LTD	LTD	LTD	LTD	LTD	0.058	LTD	LTD	0.001	LTD	LTD	2.900	LTD	LTD	LTD	LTD	0.0007	LTD
North West River	Wellfield (Well # 1 & Well # 2)	Aug 06, 2025	LTD	0.6	LTD	LTD	0.012	LTD	LTD	LTD	0.043	LTD	LTD	0.002	LTD	LTD	5.100	<u>0.025</u>	LTD	LTD	LTD	0.0012	LTD
Parson's Pond																							
Parson's Pond	Cold Brook	Sep 11, 2025	0.053	1.5	1.200	0.210	LTD	LTD	LTD	LTD	0.130	LTD	LTD	LTD	LTD	LTD	14.000	0.006	LTD	LTD	LTD	0.0002	LTD
Petty Harbour-Maddox Cove																							
Petty Harbour-Maddox Cove	Western Barrens Pond	Sep 26, 2025	LTD	3.2	LTD	LTD	LTD	0.092	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	0.410	0.009	LTD	LTD	LTD	LTD	LTD
Pidgeon Cove-St. Barbe																							
Pidgeon Cove - St. Barbe	Long Pond	Aug 12, 2025	LTD	9.0	LTD	0.520	LTD	0.011	LTD	LTD	0.002	LTD	LTD	LTD	0.062	LTD	11.000	0.018	LTD	LTD	LTD	LTD	LTD
Placentia																							
Freshwater, Argentia site, Dunville	Clarkes Pond	Aug 21, 2025	LTD	5.0	LTD	0.140	0.005	0.035	LTD	LTD	0.008	LTD	LTD	0.001	LTD	LTD	1.100	0.017	LTD	LTD	LTD	LTD	0.005
Point May																							
Point May	Short's Pond	Sep 09, 2025	LTD	11.0	LTD	0.260	0.007	0.050	LTD	LTD	LTD	LTD	LTD	LTD	<u>0.660</u>	LTD	0.820	<u>0.027</u>	LTD	LTD	LTD	LTD	LTD
Point May - PWDU	Short's Pond	Sep 09, 2025	LTD	11.0	LTD	0.260	0.007	0.050	LTD	LTD	LTD	LTD	LTD	LTD	<u>0.660</u>	LTD	0.820	<u>0.027</u>	LTD	LTD	LTD	LTD	LTD
Port Albert																							
Port Albert	Beaverton Pond	Sep 16, 2025	LTD	10.0	LTD	0.580	LTD	0.041	LTD	LTD	0.002	LTD	LTD	0.001	0.078	LTD	1.100	<u>0.067</u>	LTD	LTD	LTD	LTD	LTD
Port Hope Simpson																							
Port Hope Simpson	Arnold's Brook and Pond	Aug 19, 2025	LTD	15.0	0.058	0.330	0.016	0.440	LTD	LTD	0.010	LTD	LTD	0.001	<u>0.740</u>	LTD	0.530	<u>0.035</u>	LTD	LTD	LTD	LTD	LTD
Port Saunders																							
Port Saunders	Tom Taylor's Pond	Sep 03, 2025	0.052	7.0	LTD	0.220	LTD	0.009	LTD	LTD	0.009	LTD	LTD	LTD	LTD	LTD	10.000	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD
Port Saunders - PWDU	Tom Taylor's Pond	Sep 03, 2025	0.052	7.0	LTD	0.220	LTD	0.009	LTD	LTD	0.009	LTD	LTD	LTD	LTD	LTD	10.000	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD
Port au Port West-Aguathuna-Felix Cove																							
Port au Port West	Jim Rowe's Brook	Sep 22, 2025	LTD	4.5	LTD	0.190	0.004	0.011	LTD	LTD	0.057	LTD	LTD	0.001	<u>0.190</u>	LTD	13.000	0.013	LTD	LTD	LTD	0.0003	LTD
Purcell's Harbour																							

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		2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	C	A / C	A	C		A / C	C		C	C	A
Purcell's Harbour																							
Purcell's Harbour	Purcell's Harbour Pond	Aug 13, 2025	LTD	17.0	LTD	0.540	0.016	0.210	LTD	LTD	0.001	LTD	LTD	0.001	<u>0.370</u>	LTD	1.500	0.020	LTD	LTD	LTD	LTD	LTD
Rattling Brook																							
Rattling Brook	Mark's Pond Brook	Sep 04, 2025	LTD	3.4	0.130	0.110	LTD	0.078	LTD	LTD	0.002	LTD	LTD	LTD	0.077	LTD	0.290	0.015	LTD	LTD	LTD	LTD	0.006
Red Bay																							
Red Bay	Northern Brook	Aug 19, 2025	LTD	5.9	LTD	0.190	0.019	0.140	LTD	LTD	0.010	LTD	LTD	LTD	<u>0.480</u>	LTD	0.420	0.008	LTD	LTD	LTD	LTD	LTD
Roddickton-Bide Arm																							
Bide Arm	First Clay Cove Pond	Aug 11, 2025	0.052	4.9	LTD	0.180	0.005	0.009	LTD	LTD	0.002	LTD	LTD	0.003	LTD	LTD	7.300	0.004	LTD	LTD	LTD	LTD	0.008
Sheshatshiu																							
Sheshatshui - Indian Band Council	Wells 1, 2 & 3	Aug 06, 2025	0.052	1.0	0.170	LTD	0.052	LTD	LTD	LTD	0.045	LTD	0.00140	0.006	0.064	LTD	8.300	<u>0.097</u>	LTD	0.003	LTD	0.0004	LTD
Sheshatshui - Indian Band Council	Wells 1, 2 & 3	Aug 06, 2025	0.230	1.9	0.200	0.180	0.270	LTD	LTD	LTD	0.058	0.00001	LTD	0.003	0.060	LTD	16.000	<u>0.039</u>	LTD	LTD	LTD	0.0006	0.021
Sheshatshui - Indian Band Council	Wells 1, 2 & 3	Aug 06, 2025	0.067	0.9	0.190	LTD	0.005	LTD	LTD	LTD	0.021	LTD	LTD	0.004	<u>0.150</u>	LTD	3.900	<u>0.032</u>	LTD	0.004	LTD	0.0001	0.010
Smith's Harbour																							
Smith's Harbour	Fleshetts Brook	Sep 29, 2025	LTD	7.6	LTD	0.280	LTD	0.140	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.200</u>	LTD	0.780	0.018	LTD	LTD	LTD	LTD	LTD
South Dildo																							
South Dildo	Broad Cove Pond	Sep 25, 2025	LTD	4.1	LTD	LTD	LTD	0.024	LTD	LTD	LTD	LTD	LTD	LTD	0.057	LTD	0.700	0.014	LTD	LTD	LTD	LTD	LTD
St. Lewis																							
St. Lewis	Tub Harbour Pond	Aug 19, 2025	LTD	16.0	LTD	LTD	0.032	0.650	LTD	LTD	0.016	0.00001	LTD	0.001	<u>1.900</u>	0.001	1.100	<u>0.063</u>	LTD	LTD	LTD	0.0002	LTD
St. Mary's																							
St. Mary's	Wellfield	Jul 22, 2025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.001	0.059	LTD	LTD	0.001	LTD	LTD	4.700	<u>0.021</u>	LTD	LTD	LTD	LTD	LTD
St. Mary's	Wellfield	Jul 22, 2025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.003	0.091	LTD	LTD	LTD	0.087	LTD	9.000	<u>0.062</u>	LTD	LTD	LTD	0.0002	LTD
St. Mary's	Wellfield	Jul 22, 2025	LTD	LTD	LTD	LTD	0.011	0.028	LTD	0.002	0.068	0.00021	0.00510	0.016	<u>0.130</u>	0.003	4.100	<u>0.890</u>	LTD	0.006	LTD	0.0001	0.069
St. Shott's																							
St. Shott's	Unnamed Pond	Aug 11, 2025	0.061	2.6	LTD	0.160	0.007	0.053	LTD	LTD	0.004	LTD	LTD	LTD	<u>0.120</u>	LTD	1.200	0.005	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		2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	C	C	C	A / C	A	C		A / C	C		C	C	A		
Stoneville																									
Stoneville	Dog Bay Pond Brook	Sep 16, 2025	LTD	6.0	LTD	0.250	LTD	0.014	LTD	LTD	LTD	LTD	LTD	LTD	0.100	LTD	1.000	<u>0.051</u>	LTD	LTD	LTD	LTD	LTD		
Summerford																									
Summerford (+Cottlesville)	Rushy Cove Pond	Aug 12, 2025	0.066	9.6	LTD	0.340	0.006	0.044	LTD	LTD	0.014	LTD	LTD	0.001	LTD	LTD	1.800	0.008	LTD	LTD	LTD	LTD	LTD		
Sunnyside (T.B.)																									
Sunnyside	Center Cove River	Sep 22, 2025	LTD	6.8	LTD	0.200	LTD	0.071	LTD	LTD	0.005	LTD	LTD	LTD	0.096	LTD	0.510	0.018	LTD	LTD	LTD	LTD	LTD		
Terrenceville																									
Terrenceville	Big Brook	Sep 11, 2025	0.060	4.5	LTD	LTD	0.006	0.093	LTD	LTD	0.012	LTD	LTD	LTD	<u>0.150</u>	LTD	0.580	<u>0.044</u>	LTD	LTD	LTD	0.0001	LTD		
Trepassey																									
Trepassey	Miller's Pond	Aug 11, 2025	0.065	5.1	LTD	0.110	0.008	0.110	LTD	LTD	0.002	LTD	LTD	0.001	<u>0.220</u>	LTD	1.000	0.011	LTD	LTD	LTD	LTD	LTD		
Twillingate																									
Twillingate	Wild Cove Pond	Aug 13, 2025	LTD	7.2	0.073	0.290	LTD	0.035	LTD	LTD	0.002	LTD	LTD	0.001	0.052	LTD	1.800	0.011	LTD	LTD	LTD	LTD	0.007		
West St. Modeste																									
West St. Modeste	Well Field	Jul 09, 2025	0.070	4.2	LTD	LTD	0.016	0.060	LTD	LTD	0.180	LTD	LTD	0.001	<u>2.200</u>	LTD	4.300	0.630	LTD	LTD	LTD	0.0009	LTD		
Whitbourne																									
Whitbourne	Hodges River	Aug 06, 2025	LTD	4.5	LTD	0.280	0.009	0.029	LTD	LTD	LTD	LTD	LTD	LTD	<u>0.280</u>	LTD	0.990	<u>0.021</u>	LTD	LTD	LTD	LTD	LTD		
Winterton																									
Winterton	Western Pond	Sep 23, 2025	LTD	2.8	0.057	LTD	LTD	0.024	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.740	0.013	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
	Guidelines for Canadian Drinking Water Quality				10			2.9	0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.1	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	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 0.05 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 0.1 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.

Aluminum - The maximum acceptable concentration for aluminum in drinking water is 2.9 mg/L. Aluminum is a metal widely distributed in nature. It may be present in water from natural sources or as a result of human activities.

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