

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																																															
Admirals Beach																																															
Admiral's Beach	2 Well Fields	Jun 13, 2025	LTD	2.8	LTD	LTD	LTD	0.007	LTD	0.002	0.085	LTD	LTD	0.001	LTD	LTD	11.000	0.022	LTD	LTD	LTD	LTD	0.009																								
Admiral's Beach	2 Well Fields	Jun 13, 2025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.005	0.042	0.00002	LTD	0.005	LTD	0.001	8.800	0.150	LTD	LTD	LTD	LTD	0.0001	0.022																							
Admiral's Beach	2 Well Fields	Jun 13, 2025	LTD	1.2	LTD	LTD	0.013	LTD	LTD	0.009	0.120	0.00001	LTD	0.001	LTD	LTD	14.000	0.023	LTD	LTD	LTD	LTD	LTD	LTD																							
Admiral's Beach	2 Well Fields	Jun 13, 2025	0.061	0.8	LTD	LTD	LTD	LTD	LTD	0.005	0.120	LTD	LTD	0.001	LTD	LTD	12.000	0.014	LTD	LTD	LTD	LTD	LTD	LTD																							
Appleton																																															
Appleton (+Glenwood)	Gander Lake (The Outflow)	Jun 10, 2025	LTD	6.7	0.120	LTD	0.007	0.099	LTD	LTD	0.001	LTD	LTD	LTD	0.091	LTD	0.620	0.008	LTD	LTD	LTD	LTD	LTD	LTD																							
Bauble																																															
Bauble	#1 Brook Path Well	May 20, 2025	LTD	4.1	LTD	LTD	0.016	0.037	LTD	LTD	0.012	0.00006	LTD	0.002	0.067	LTD	4.500	0.510	LTD	LTD	LTD	LTD	0.0001	0.007																							
Blaketown																																															
Blaketown South	#1 Selby Mercer Well	Jun 12, 2025	LTD	0.6	0.750	LTD	0.009	0.150	LTD	0.004	0.002	0.00003	LTD	0.001	LTD	LTD	3.400	0.002	LTD	LTD	LTD	LTD	0.0002	LTD																							
Blaketown	#2 Daphne Pincent Well	Jun 12, 2025	LTD	0.9	0.200	LTD	0.008	0.010	LTD	0.005	LTD	0.00001	LTD	0.001	LTD	LTD	4.600	0.003	LTD	LTD	0.001	0.005	LTD	LTD																							
Blaketown North	#4 Hilda Barrett Well	Jun 12, 2025	LTD	0.5	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	5.400	0.013	LTD	LTD	LTD	LTD	LTD	LTD																							
Blaketown Centre	#3 Fred Osborne Well	Jun 12, 2025	LTD	1.9	LTD	LTD	0.007	LTD	0.009	LTD	LTD	LTD	LTD	0.001	LTD	LTD	1.700	0.014	LTD	LTD	LTD	LTD	0.0004	LTD																							
Branch																																															
Branch	Drilled Wells	May 27, 2025	LTD	0.7	0.550	LTD	LTD	0.013	LTD	0.004	0.049	LTD	LTD	0.001	0.055	LTD	3.700	LTD	LTD	LTD	0.001	0.0013	LTD	LTD																							
Brigus South																																															
Dunphy's Hill area	#2 Well Dunphy's Hill	Jun 25, 2025	LTD	0.8	LTD	LTD	0.007	LTD	LTD	LTD	0.043	LTD	LTD	0.002	0.052	LTD	3.700	0.200	LTD	LTD	LTD	LTD	0.0001	LTD																							
Forge Hill area	#1 Well Forge Hill	Jun 25, 2025	0.051	2.5	LTD	LTD	0.007	LTD	LTD	0.026	0.00002	LTD	0.004	LTD	LTD	2.800	0.680	LTD	LTD	LTD	LTD	0.0006	LTD																								
Near highway	#3 Well Main Road	Jun 25, 2025	LTD	0.6	0.099	LTD	0.008	LTD	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	1.500	LTD	LTD	LTD	LTD	LTD	LTD	LTD																							
Bryant's Cove																																															
Bryant's Cove South Side	#1 Well - Bert James Well #2 Well - Baxter Bowering Well	May 30, 2025	LTD	LTD	0.270	LTD	LTD	LTD	LTD	0.003	0.002	LTD	LTD	LTD	LTD	LTD	4.100	LTD	LTD	LTD	0.001	0.0003	0.008	LTD																							
Cavendish																																															

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																																															
Cavendish																																															
North Side Cavendish	#1 Well - Max Bishop	Jun 12, 2025	LTD	0.7	2.500	0.350	LTD	0.007	LTD	0.001	0.045	LTD	LTD	0.017	LTD	LTD	6.800	0.011	LTD	LTD	LTD	0.0014	LTD																								
North Side Cavendish	#2 Well - Tom Critch	Jun 12, 2025	LTD	3.1	LTD	LTD	LTD	0.008	LTD	0.006	0.009	LTD	LTD	0.004	LTD	0.001	5.700	0.140	LTD	LTD	LTD	0.0001	0.006																								
Chance Cove																																															
Back Cove Area	Olive Smith Well	May 26, 2025	LTD	0.6	0.130	LTD	LTD	0.012	LTD	0.014	0.140	LTD	LTD	0.001	LTD	LTD	1.200	LTD	LTD	LTD	0.001	0.0010	LTD																								
New Housing Area	New Housing Area Well	May 27, 2025	LTD	1.1	0.094	LTD	LTD	0.006	LTD	0.015	0.440	LTD	LTD	0.001	LTD	LTD	3.500	LTD	LTD	LTD	0.002	0.0047	LTD																								
Lower Cove	#5B Albert Rowe Well	May 26, 2025	LTD	2.1	LTD	LTD	LTD	LTD	LTD	0.002	0.760	LTD	LTD	0.005	LTD	LTD	3.400	0.940	0.0002	LTD	LTD	0.0120	LTD																								
Upper Cove	Hollett's Well	May 26, 2025	LTD	1.7	0.091	LTD	LTD	0.044	LTD	0.007	0.230	LTD	LTD	0.006	0.051	LTD	1.700	0.190	LTD	LTD	LTD	0.0069	LTD																								
Clarenville																																															
Clarenville, Shoal Harbour	Shoal Harbour River	May 27, 2025	LTD	6.3	LTD	0.130	LTD	0.096	LTD	0.002	LTD	LTD	0.003	0.160	LTD	0.510	0.013	LTD	LTD	LTD	LTD	LTD	LTD																								
Clarke's Beach																																															
Otterbury	#1 Well - Quinlon Well	May 30, 2025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.009	0.003	LTD	LTD	LTD	LTD	5.100	0.060	LTD	LTD	0.001	0.0006	LTD																									
Otterbury	#2 Well - Delaney Well	May 30, 2025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.003	LTD	LTD	LTD	0.001	LTD	LTD	7.000	LTD	LTD	LTD	0.0006	LTD																									
Colliers																																															
Merrigan's Lane + Main Rd	#2 Well - Merrigan's Well	Jun 09, 2025	LTD	0.5	0.240	LTD	LTD	0.007	LTD	0.005	0.110	LTD	LTD	0.003	LTD	LTD	1.200	0.018	LTD	LTD	LTD	0.0007	LTD																								
Harbour Drive & Main Road	#3 Well - Griffin's Well	Jun 09, 2025	LTD	1.1	0.290	LTD	LTD	0.008	LTD	0.002	0.034	LTD	LTD	0.018	LTD	0.006	2.800	0.110	LTD	LTD	LTD	0.0002	LTD																								
Harbour Drive	#4 Well - Flynn's Well	Jun 09, 2025	LTD	0.7	0.260	LTD	LTD	LTD	LTD	0.022	LTD	LTD	0.003	LTD	LTD	3.600	LTD	LTD	LTD	LTD	0.0003	LTD																									
Harbour Drive	#5 Well - Whalen's Well	Jun 09, 2025	0.061	0.7	1.400	LTD	0.009	LTD	LTD	0.001	0.011	LTD	LTD	0.003	LTD	LTD	2.200	LTD	LTD	LTD	LTD	0.0001	0.009																								
Conception Harbour																																															
Healey's Pond Rd, Old Rd & Main Rd	Healey's Pond Road Well	May 22, 2025	LTD	LTD	0.110	LTD	LTD	0.007	LTD	0.012	0.003	LTD	LTD	LTD	LTD	2.200	LTD	LTD	LTD	LTD	0.0023	LTD																									
Cemetery Road & Main Road	Cemetery Road Well	May 22, 2025	LTD	1.0	0.330	LTD	0.006	0.006	LTD	0.007	0.018	LTD	LTD	0.010	0.055	0.001	1.200	0.002	LTD	LTD	LTD	0.0007	0.009																								
Upper Bacon Cove, Kitchens	Upper Bacon Cove Well	May 22, 2025	LTD	1.0	LTD	LTD	LTD	0.007	LTD	0.007	0.150	LTD	LTD	0.013	LTD	0.001	2.200	LTD	LTD	LTD	LTD	0.0023	0.011																								

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																								
<i>Guidelines for Canadian Drinking Water Quality</i>																																															
<i>Aesthetic (A) or Contaminant (C) Parameter</i>																																															
Conception Harbour																																															
Lower Bacon Cove	Lower Bacon Cove Well	May 22, 2025	LTD	1.0	0.250	LTD	LTD	LTD	0.003	0.360	LTD	LTD	0.003	LTD	LTD	2.300	LTD	LTD	LTD	LTD	0.0007	LTD																									
Old Road and Coles Crescent	Old Road Well	May 22, 2025	LTD	0.7	0.094	LTD	0.005	LTD	LTD	0.002	0.130	LTD	LTD	0.001	LTD	LTD	3.800	LTD	LTD	LTD	LTD	0.0010	LTD																								
Fermeuse																																															
Fermeuse	Port Kirwan Road Well	Jun 25, 2025	LTD	0.7	0.950	LTD	LTD	LTD	0.001	0.140	LTD	LTD	0.004	LTD	LTD	10.000	LTD	LTD	LTD	LTD	0.001	0.0013	LTD																								
Freshwater																																															
Freshwater (Carbonear)	#2 Well - Covage's Lane Well	May 29, 2025	LTD	LTD	0.120	LTD	0.008	0.006	LTD	LTD	0.00004	LTD	0.009	LTD	0.001	0.970	LTD	LTD	LTD	LTD	LTD	0.030																									
Freshwater (Carbonear)	#3 Well - Wallace Snow Well	May 29, 2025	LTD	LTD	0.290	LTD	LTD	0.004000	0.050	0.002	0.00013	LTD	0.006	LTD	LTD	23.000	0.280	LTD	0.006	0.001	0.0011	0.042																									
Gaskiers																																															
Gaskiers-Point La Haye - PWDU	Well	Jun 05, 2025	LTD	LTD	LTD	LTD	0.005	0.005	LTD	0.004	0.058	LTD	LTD	LTD	0.980	LTD	6.100	0.029	LTD	LTD	LTD	LTD	LTD	LTD																							
Georgetown																																															
Georgetown	Drilled	Jun 09, 2025	LTD	0.7	0.230	LTD	LTD	0.007	LTD	0.002	0.013	LTD	LTD	0.001	LTD	LTD	2.600	0.005	LTD	LTD	0.001	0.0001	LTD																								
Glenwood																																															
Glenwood	Gander Lake (The Outflow)	Jun 10, 2025	LTD	6.7	0.120	LTD	0.007	0.099	LTD	LTD	0.001	LTD	LTD	LTD	0.091	LTD	0.620	0.008	LTD	LTD	LTD	LTD	LTD	LTD																							
Grates Cove																																															
Grates Cove South End	#4 Stoyles Hill Well	Jun 24, 2025	LTD	1.0	0.230	LTD	0.007	LTD	LTD	0.002	LTD	LTD	0.002	LTD	LTD	7.600	0.087	LTD	LTD	LTD	0.0023	0.005																									
Grates Cove North End	#3 Frank Janes Well	Jun 24, 2025	LTD	1.9	LTD	LTD	0.014	0.006	LTD	0.002	LTD	0.00003	LTD	0.009	LTD	LTD	9.000	0.380	LTD	LTD	LTD	0.0061	0.008																								
Grates Cove Centre	#1C Well	Jun 24, 2025	LTD	1.0	LTD	LTD	LTD	LTD	LTD	0.019	LTD	LTD	LTD	0.001	LTD	LTD	7.100	0.034	LTD	LTD	LTD	0.0040	LTD																								
Harbour Grace																																															
Riverhead	Mercer's Rd. Well	May 29, 2025	LTD	0.5	0.430	LTD	LTD	0.005	LTD	0.003	0.003	0.00001	LTD	0.001	LTD	LTD	7.200	0.004	LTD	LTD	0.003	0.0002	LTD																								
Harbour Grace South Upper	Southside Wellfield (Well #1 & #2)	May 29, 2025	LTD	LTD	LTD	LTD	0.006	LTD	LTD	0.016	0.010	0.00003	LTD	0.001	LTD	0.001	3.900	0.006	LTD	LTD	LTD	0.0003	0.013																								
Thickett	#1 Thicket Susie Galway Well	May 29, 2025	LTD	LTD	0.450	LTD	0.004	0.008	LTD	0.001	0.017	0.00004	LTD	0.001	LTD	LTD	2.700	LTD	LTD	LTD	LTD	0.0009	LTD																								
Thickett	#2 Thicket New Well	May 29, 2025	LTD	LTD	0.300	LTD	LTD	LTD	LTD	0.005	0.170	LTD	LTD	0.002	LTD	LTD	8.300	0.003	LTD	LTD	0.001	0.0044	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		
Harbour Grace	Harbour Grace South Lower	New Southside Well (Well#3)	May 29, 2025	LTD	LTD	LTD	LTD	LTD	LTD	0.002	0.005	LTD	LTD	<u>0.160</u>	LTD	3.300	0.008	LTD	LTD	LTD	0.0001	LTD			
Harbour Main-Chapel's Cove-Lakeview																									
Harbour Main, Chapel's Cove, Lakeview	Flynn's Hill Well		May 22, 2025	LTD	1.2	0.430	LTD	LTD	LTD	0.001	0.004	LTD	LTD	0.003	LTD	LTD	2.600	0.004	LTD	LTD	LTD	LTD	LTD	LTD	
Harbour Main, Chapel's Cove, Lakeview	Holden's Road Well		May 22, 2025	LTD	0.7	0.310	LTD	LTD	0.007	LTD	LTD	0.018	0.00004	LTD	0.003	LTD	LTD	1.400	LTD	LTD	LTD	LTD	LTD	LTD	LTD
Holyrood																									
Holyrood	Main Line		May 20, 2025	LTD	4.7	LTD	LTD	0.008	0.007	LTD	0.003	0.022	LTD	LTD	0.005	<u>0.200</u>	0.002	5.400	<u>0.380</u>	LTD	LTD	LTD	0.0005	LTD	
Holyrood	Main Line		May 20, 2025	LTD	3.6	LTD	LTD	0.006	LTD	LTD	0.002	0.015	LTD	LTD	0.002	LTD	0.001	4.000	<u>0.320</u>	LTD	LTD	LTD	0.0008	LTD	
Holyrood	Main Line		May 20, 2025	LTD	1.8	0.090	LTD	0.011	0.052	LTD	LTD	0.006	0.00020	LTD	0.009	LTD	LTD	1.500	<u>1.800</u>	LTD	0.002	LTD	LTD	0.007	LTD
Holyrood	Main Line		May 20, 2025	LTD	0.9	0.059	LTD	0.016	0.009	LTD	LTD	0.005	0.00007	LTD	0.002	LTD	0.001	1.700	<u>0.021</u>	LTD	LTD	LTD	LTD	0.006	LTD
Holyrood	O'Connell's Well		May 20, 2025	LTD	1.7	0.320	LTD	0.011	0.010	LTD	0.003	0.014	LTD	LTD	0.003	LTD	LTD	2.200	LTD	LTD	LTD	LTD	0.0030	LTD	
Holyrood	Woodford Station - Healey's Well and Quinlan's Well		May 20, 2025	LTD	1.0	1.200	LTD	0.009	LTD	LTD	0.003	0.029	LTD	0.00170	0.003	0.076	LTD	4.200	LTD	LTD	LTD	LTD	0.0023	LTD	
Holyrood	Woodford Station - Healey's Well and Quinlan's Well		May 20, 2025	LTD	0.8	LTD	LTD	0.012	0.037	LTD	0.007	LTD	LTD	0.001	LTD	LTD	0.890	LTD	LTD	LTD	LTD	0.0032	LTD		
Hopeall																									
Hopeall	Charles Cumby Well		Jun 12, 2025	0.051	1.1	0.340	LTD	LTD	0.006	LTD	0.001	0.001	LTD	LTD	0.003	LTD	LTD	4.900	0.015	LTD	LTD	LTD	0.0015	0.007	
Gilberts Hill	Gilberts Hill Well		Jun 12, 2025	LTD	0.9	0.790	LTD	LTD	0.016	LTD	LTD	0.037	LTD	LTD	0.001	LTD	LTD	3.100	0.002	LTD	LTD	LTD	0.0021	LTD	
Indian Bay																									
Indian Bay	Indian Bay Brook		Jun 11, 2025	LTD	6.1	LTD	0.200	LTD	0.090	LTD	LTD	0.001	LTD	LTD	<u>0.130</u>	LTD	0.590	<u>0.021</u>	LTD	LTD	LTD	LTD	LTD	LTD	
Lance Cove																									
Lance Cove	Local Service District Well		Jun 17, 2025	0.160	0.6	0.140	0.120	LTD	0.008	LTD	LTD	0.180	LTD	LTD	0.001	0.059	LTD	4.800	<u>0.300</u>	LTD	LTD	LTD	LTD	LTD	LTD
Makinsons																									
Turkswater & Hodgewater Line West	Country Path Wells		Jun 09, 2025	LTD	0.8	0.066	LTD	LTD	0.006	LTD	0.001	0.006	LTD	LTD	LTD	LTD	LTD	0.710	0.006	LTD	LTD	LTD	0.0002	LTD	
Turkswater & Hodgewater Line West	Country Path Wells		Jun 09, 2025	LTD	0.7	0.066	LTD	LTD	0.001	LTD	0.005	LTD	LTD	0.001	LTD	LTD	0.640	0.002	LTD	LTD	LTD	0.0002	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														
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													
Aesthetic (A) or Contaminant (C) Parameter		C		C		C		C		C		C		A / C		A		C		A / C		C		C													
Makinsons																																					
Hodgewater Line East & Juniper Stump	Taylor's Wells	Jun 09, 2025	0.086	2.7	0.081	0.110	0.044	0.012	LTD	LTD	0.200	LTD	LTD	0.003	<u>0.150</u>	LTD	7.900	0.330	LTD	LTD	LTD	0.0001	LTD														
Hodgewater Line East & Juniper Stump	Taylor's Wells	Jun 09, 2025	LTD	1.2	0.067	LTD	LTD	LTD	LTD	LTD	0.160	LTD	LTD	0.001	LTD	LTD	9.900	0.020	LTD	LTD	LTD	LTD	LTD	LTD													
Marysvale																																					
Marysvale, Long Pond	Drilled	Jun 09, 2025	0.070	0.7	LTD	LTD	0.075	0.005	LTD	0.004	0.005	LTD	LTD	<u>2.100</u>	LTD	2.100	0.870	LTD	LTD	LTD	LTD	0.012															
New Harbour																																					
New Harbour	Williams Hill Well	Jun 12, 2025	LTD	0.6	0.071	LTD	LTD	0.010	LTD	0.008	0.007	LTD	LTD	0.001	LTD	LTD	5.200	0.055	LTD	LTD	LTD	0.0028	LTD														
O'Donnells																																					
O'Donnell's	Well Field	Jun 04, 2025	LTD	LTD	0.420	LTD	LTD	LTD	LTD	0.001	0.029	LTD	LTD	LTD	LTD	LTD	7.600	0.008	LTD	LTD	LTD	LTD	LTD	LTD													
O'Donnell's	Well Field	Jun 04, 2025	0.052	0.6	0.640	LTD	0.005	0.006	LTD	LTD	0.045	0.00003	LTD	LTD	LTD	LTD	LTD	6.000	0.048	LTD	LTD	LTD	LTD	LTD													
O'Donnell's	Well Field	Jun 04, 2025	LTD	0.5	LTD	LTD	LTD	0.140	LTD	0.002	0.012	LTD	LTD	0.011	<u>0.150</u>	LTD	1.800	0.038	LTD	LTD	LTD	LTD	LTD	LTD													
O'Donnell's	Well Field	Jun 18, 2025	LTD	LTD	LTD	LTD	LTD	0.013	LTD	0.002	0.023	LTD	LTD	0.004	LTD	LTD	8.000	0.010	LTD	LTD	LTD	LTD	LTD	LTD													
Port Kirwan																																					
North Side	Dug Well / Drilled Well	Jun 25, 2025	LTD	0.7	0.052	LTD	LTD	0.025	LTD	0.002	0.016	0.00002	LTD	0.002	LTD	LTD	1.800	0.017	LTD	LTD	LTD	LTD	0.008														
Port Kirwan	Developed Spring	Jun 25, 2025	LTD	0.6	0.140	LTD	LTD	0.043	LTD	LTD	0.005	0.00002	LTD	0.004	LTD	LTD	1.100	0.006	LTD	LTD	LTD	LTD	0.014														
Renews-Cappahayden																																					
Cappahayden	#1 Dinn's Well	Jun 25, 2025	LTD	0.8	LTD	LTD	LTD	LTD	LTD	0.030	LTD	LTD	0.002	LTD	LTD	8.800	0.025	LTD	LTD	LTD	LTD	LTD	LTD														
Riverhead																																					
Riverhead (St. Mary's Bay)	Well Field	Jun 05, 2025	LTD	1.1	0.350	LTD	0.004	0.031	LTD	LTD	0.009	0.00003	LTD	0.002	LTD	LTD	1.900	0.005	LTD	LTD	LTD	LTD	LTD	LTD													
Riverhead (St. Mary's Bay)	Well Field	Jun 05, 2025	LTD	0.6	0.220	LTD	0.009	0.013	LTD	LTD	0.005	0.00001	LTD	0.019	0.077	LTD	1.800	0.002	LTD	LTD	LTD	LTD	0.006														
Small Point-Adam's Cove-Blackhead-Broad Cove																																					
Adam's Cove	#1 Well - Reg Bursey Well	Apr 23, 2025	0.054	LTD	0.150	LTD	LTD	LTD	LTD	0.016	0.057	LTD	LTD	0.001	LTD	LTD	6.000	0.012	LTD	LTD	LTD	LTD	0.0010	LTD													
Adam's Cove	#1 Well - Reg Bursey Well	May 28, 2025	LTD	0.5	0.180	LTD	LTD	LTD	LTD	0.017	0.064	LTD	LTD	0.001	LTD	LTD	6.800	0.014	LTD	LTD	0.001	0.0011	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																		
Guidelines for Canadian Drinking Water Quality																		0.02 / 0.12	0.001	0.05	0.02	5.0																			
Aesthetic (A) or Contaminant (C) Parameter																		A / C	C	C	C	A																			
Small Point-Adam's Cove-Blackhead-Broad Cove																																									
Blackhead + Adam's Cove	#4 Well - Leonard King Well	Jun 24, 2025	LTD	LTD	0.079	LTD	0.010	LTD	LTD	0.004	0.170	LTD	LTD	0.002	LTD	LTD	13.000	0.008	LTD	LTD	0.001	0.0013	LTD																		
Broad Cove	#6 Well - Herb Trickett Well	Jun 24, 2025	LTD	1.0	0.130	LTD	LTD	LTD	LTD	0.007	0.130	LTD	LTD	0.003	LTD	LTD	0.001	6.900	0.075	LTD	LTD	LTD	0.0003	LTD																	
Small Point	#8 Well - Effie Flight Wells	Jun 24, 2025	LTD	0.7	1.700	LTD	LTD	0.006	LTD	0.011	0.130	LTD	LTD	0.004	LTD	LTD	9.800	0.002	LTD	LTD	0.004	0.0062	LTD																		
Small Point	#9 Well - Walter Reynolds Well	Jun 24, 2025	LTD	0.7	1.200	LTD	LTD	0.017	LTD	0.002	0.031	0.00002	LTD	0.001	LTD	LTD	3.000	0.058	LTD	LTD	LTD	0.0004	LTD																		
Broad Cove	#10 Well - Cantwood Hill Well	Jun 24, 2025	LTD	1.0	0.160	LTD	LTD	LTD	LTD	0.003	0.140	0.00003	LTD	0.002	LTD	0.005	7.700	0.110	LTD	LTD	LTD	LTD	0.009																		
South Dildo																																									
South Dildo	#5 Well - Calvin Reid Well	Jun 12, 2025	LTD	0.6	LTD	LTD	0.007	LTD	LTD	LTD	LTD	LTD	LTD	0.001	LTD	LTD	4.400	0.042	LTD	LTD	LTD	LTD	LTD																		
St. Joseph's																																									
St. Joseph's S.M.B.	Drilled	Jun 04, 2025	0.075	1.5	LTD	LTD	0.005	0.016	LTD	0.004	0.023	LTD	LTD	0.001	0.220	0.001	4.100	0.003	LTD	LTD	LTD	LTD	LTD																		
St. Mary's																																									
St. Mary's	Wellfield	Jun 05, 2025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.001	0.068	LTD	LTD	LTD	LTD	LTD	7.200	0.004	LTD	LTD	LTD	LTD	LTD																		
St. Mary's	Wellfield	Jun 05, 2025	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.041	LTD	LTD	LTD	0.004	LTD	LTD	1.500	0.013	LTD	LTD	LTD	LTD	0.006																		
St. Mary's	Wellfield	Jun 05, 2025	0.100	0.6	LTD	LTD	0.029	0.032	LTD	0.002	0.054	0.00023	0.00730	0.050	0.180	0.009	7.500	1.300	LTD	0.022	LTD	0.0001	0.120																		
St. Mary's	Wellfield	Jun 05, 2025	LTD	0.6	LTD	LTD	0.005	LTD	LTD	0.063	LTD	LTD	0.001	LTD	LTD	6.500	0.018	LTD	LTD	LTD	LTD	LTD																			
St. Mary's	Wellfield	Jun 05, 2025	LTD	LTD	LTD	LTD	0.005	LTD	LTD	0.004	0.087	LTD	LTD	0.001	0.160	LTD	8.500	0.140	LTD	LTD	LTD	0.0002	LTD																		
St. Mary's	Wellfield	Jun 05, 2025	LTD	LTD	LTD	LTD	0.004	0.007	LTD	0.001	0.025	LTD	LTD	0.002	LTD	LTD	1.700	0.010	LTD	LTD	LTD	LTD	LTD																		
St. Mary's	Wellfield	Jun 05, 2025	LTD	LTD	LTD	LTD	0.006	LTD	LTD	0.019	LTD	LTD	0.001	LTD	LTD	0.810	0.029	LTD	LTD	LTD	LTD	LTD																			
Wabana																																									
Wabana	Middleton Ave	Jun 17, 2025	LTD	2.5	0.051	0.110	0.010	0.005	LTD	LTD	0.098	LTD	LTD	0.001	LTD	LTD	5.100	0.049	LTD	LTD	LTD	LTD	LTD																		
Wabana	#4-West Mines Road	Jun 17, 2025	0.076	4.5	LTD	0.120	0.039	0.006	LTD	0.001	0.047	LTD	LTD	LTD	LTD	LTD	6.600	0.190	LTD	LTD	LTD	LTD	LTD																		
Wabana	Normore Crescent East #1	Jun 17, 2025	0.210	3.7	LTD	0.200	LTD	LTD	LTD	0.100	LTD	LTD	LTD	LTD	LTD	6.600	0.160	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						
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	A / C	A	C	A / C	C	C	C	C	C	C	A							
Wabana																													
Wabana	Scotia #1	Jun 17, 2025	0.093	3.7	LTD	LTD	0.015	0.010	LTD	LTD	0.041	LTD	LTD	LTD	0.061	LTD	5.800	0.200	LTD	LTD	LTD	LTD	LTD	LTD	LTD				
Wabana	St. Edward's Memorial St.	Jun 17, 2025	0.170	LTD	LTD	0.160	0.051	0.097	LTD	LTD	0.014	LTD	LTD	LTD	0.079	LTD	0.290	0.010	LTD	LTD	LTD	LTD	LTD	LTD	0.005				
Wabana	Mixed Supplies	Jun 17, 2025	0.100	2.0	LTD	LTD	0.009	LTD	LTD	0.002	0.092	LTD	LTD	LTD	0.580	LTD	6.300	0.190	LTD	LTD	LTD	LTD	LTD	LTD	LTD				
Wabana	Mixed Supplies	Jun 17, 2025	0.130	1.0	0.066	0.160	0.015	0.007	LTD	LTD	0.088	LTD	LTD	LTD	LTD	LTD	5.900	0.088	LTD	LTD	LTD	LTD	LTD	LTD	LTD				
Wabana	Mixed Supplies	Jun 17, 2025	0.140	2.3	LTD	0.210	0.023	0.005	LTD	0.017	0.093	LTD	LTD	0.006	0.690	LTD	5.800	0.480	LTD	LTD	LTD	LTD	LTD	LTD	LTD				
Wabana	Mixed Supplies	Jun 17, 2025	0.078	3.8	LTD	LTD	0.006	LTD	LTD	LTD	0.071	LTD	LTD	LTD	LTD	LTD	9.300	0.052	LTD	LTD	LTD	LTD	LTD	LTD	LTD				
Wabana	Mixed Supplies	Jun 17, 2025	0.069	5.9	LTD	0.150	0.045	0.016	LTD	0.011	0.083	LTD	LTD	LTD	0.640	LTD	7.500	0.900	LTD	LTD	LTD	LTD	LTD	LTD	LTD				
Wabana	Mixed Supplies	Jun 17, 2025	0.120	2.3	LTD	0.130	0.061	0.006	LTD	0.018	0.110	LTD	LTD	LTD	2.600	LTD	6.200	0.330	LTD	LTD	LTD	LTD	LTD	LTD	LTD				
West St. Modeste																													
West St. Modeste	Well Field	Jun 24, 2025	0.053	4.2	LTD	LTD	0.027	0.049	LTD	LTD	0.150	LTD	LTD	0.012	1.500	0.001	3.900	0.510	LTD	LTD	LTD	0.0009	0.009						

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	A / C	A	C	A / C	C	C	C	C	A	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-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 0.1 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