

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		0.05	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	A
Appleton																							
Appleton (+Glenwood)	Gander Lake (The Outflow)	Aug 13, 2024	LTD	6.1	0.095	0.140	0.005	0.084	LTD	LTD	0.001	LTD	LTD	LTD	0.096	LTD	0.670	<u>0.022</u>	LTD	LTD	LTD	LTD	LTD
Badger																							
Badger	Well Field, 2 wells on standby	Sep 09, 2024	LTD	LTD	0.130	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.004	LTD	0.001	0.790	LTD	LTD	LTD	LTD	LTD	LTD
Badger	Well Field, 2 wells on standby	Sep 09, 2024	0.200	LTD	LTD	LTD	0.005	0.005	LTD	LTD	0.002	LTD	LTD	0.003	0.078	0.001	1.300	<u>0.021</u>	LTD	LTD	LTD	LTD	LTD
Baine Harbour																							
Baine Harbour	Dug	Sep 16, 2024	LTD	1.9	0.110	LTD	0.006	0.077	LTD	LTD	0.006	0.00002	LTD	0.001	LTD	LTD	1.600	<u>0.100</u>	LTD	LTD	LTD	LTD	LTD
Branch																							
Branch	Drilled Wells	Aug 14, 2024	LTD	LTD	0.500	LTD	LTD	0.016	LTD	0.004	0.063	0.00001	LTD	0.008	LTD	0.001	3.300	0.008	LTD	LTD	0.001	0.0012	LTD
Bryant's Cove																							
Bryant's Cove South Side	#1 Well - Bert James Well #2 Well - Baxter Bowering Well	Aug 15, 2024	0.095	LTD	0.210	LTD	LTD	0.007	LTD	0.003	0.002	LTD	LTD	0.004	LTD	0.001	4.200	LTD	LTD	LTD	0.001	0.0003	LTD
Bunyan's Cove																							
Bunyan's Cove	#1 Wellfield	Aug 19, 2024	LTD	3.1	0.210	0.160	0.030	0.052	LTD	LTD	0.014	0.00002	LTD	0.053	<u>1.300</u>	LTD	3.000	<div>0.190</div>	LTD	LTD	LTD	0.0001	LTD
Canning's Cove																							
Lower Canning's Cove	#1 Well - Pleman Pitts	Aug 19, 2024	LTD	0.7	0.085	LTD	LTD	LTD	LTD	0.002	0.007	LTD	LTD	0.004	LTD	LTD	1.100	LTD	LTD	LTD	LTD	0.0002	LTD
Upper Canning's Cove	#2 Well - Eugene Ellis	Aug 19, 2024	LTD	1.6	0.180	LTD	0.021	0.160	LTD	0.001	0.012	0.00003	LTD	0.093	0.099	<div>0.025</div>	1.700	<u>0.044</u>	LTD	LTD	LTD	0.0003	0.021
Upper Canning's Cove	#2 Well - Eugene Ellis	Sep 18, 2024	LTD	1.1	0.200	LTD	0.004	0.008	LTD	0.001	0.010	LTD	LTD	0.002	LTD	0.001	1.600	LTD	LTD	LTD	LTD	0.0003	LTD
Centre Canning's Cove	#3 Well - Glenda Penney	Aug 19, 2024	LTD	0.6	0.076	LTD	0.007	0.007	LTD	LTD	0.003	0.00004	LTD	0.012	0.100	0.003	1.100	0.011	LTD	LTD	LTD	0.0002	LTD
Charlottetown (Labrador)																							
Charlottetown (Labrador)	Middle Pond	Aug 13, 2024	LTD	8.7	LTD	0.220	0.014	0.220	LTD	LTD	0.011	LTD	LTD	0.001	<u>0.310</u>	LTD	0.550	0.008	LTD	LTD	LTD	LTD	LTD
Charlottetown (Labrador) - PWDU	Middle Pond	Aug 13, 2024	LTD	8.7	LTD	0.220	0.014	0.220	LTD	LTD	0.011	LTD	LTD	0.001	<u>0.310</u>	LTD	0.550	0.008	LTD	LTD	LTD	LTD	LTD
Churchill Falls																							
Churchill Falls	Smallwood Reservoir	Jul 25, 2024	LTD	3.3	LTD	0.110	LTD	0.015	LTD	LTD	0.009	LTD	LTD	LTD	0.061	LTD	1.100	<u>0.021</u>	LTD	LTD	LTD	LTD	LTD
Clareville																							

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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	
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005		0.02 / 0.12	0.001		0.05	0.02	5.0	
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A	
Clarencville																								
Clarencville, Shoal Harbour	Shoal Harbour River	Aug 05, 2024	LTD	5.0	LTD	0.190	0.014	0.051	LTD	LTD	0.002	LTD	LTD	0.001	0.230	LTD	0.640	<u>0.062</u>	LTD	LTD	LTD	LTD	LTD	
Eastport																								
Eastport (+Sandy Cove)	Dug	Sep 10, 2024	LTD	LTD	0.330	LTD	LTD	0.008	LTD	LTD	0.001	LTD	LTD	0.007	LTD	LTD	1.300	LTD	LTD	LTD	LTD	0.0002	LTD	
Frenchman's Cove																								
Frenchman's Cove	Dug Well	Aug 20, 2024	LTD	4.1	0.140	0.100	0.009	0.220	LTD	LTD	0.003	LTD	LTD	0.009	0.079	LTD	1.800	0.003	LTD	LTD	LTD	0.0001	LTD	
Gaskiers																								
Gaskiers-Point La Haye - PWDU	Well	Aug 14, 2024	LTD	LTD	LTD	LTD	0.006	LTD	LTD	0.004	0.058	LTD	LTD	0.001	<u>0.900</u>	LTD	6.100	<u>0.032</u>	LTD	LTD	LTD	LTD	LTD	
Glenwood																								
Glenwood	Gander Lake (The Outflow)	Aug 13, 2024	LTD	6.1	0.095	0.140	0.005	0.084	LTD	LTD	0.001	LTD	LTD	LTD	0.096	LTD	0.670	<u>0.022</u>	LTD	LTD	LTD	LTD	LTD	
Harbour Mille-Little Harbour East																								
Harbour Mille, Little Harbour East (Fortune Bay)	Well	Aug 20, 2024	0.210	7.7	LTD	0.190	LTD	0.034	LTD	0.007	0.240	0.00001	LTD	0.016	LTD	LTD	2.700	<div>0.240</div>	LTD	LTD	LTD	<div>0.0310</div>	LTD	
Harry's Harbour																								
Harry's Harbour	#1C Well - Northeast Well	Sep 09, 2024	LTD	LTD	LTD	LTD	LTD	0.005	LTD	0.004	0.010	LTD	LTD	0.003	LTD	0.001	2.700	0.006	LTD	LTD	LTD	0.0001	LTD	
Harry's Harbour	#2 Well - Northwest Hill / Country Road	Sep 09, 2024	LTD	1.0	0.100	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	0.002	LTD	LTD	11.000	<u>0.035</u>	LTD	LTD	LTD	LTD	LTD	
Harry's Harbour	#3 Well - South Well	Sep 09, 2024	0.071	LTD	LTD	LTD	LTD	LTD	LTD	0.002	0.013	LTD	LTD	0.005	LTD	LTD	4.400	0.002	LTD	LTD	0.001	0.0002	LTD	
Hodge's Cove																								
Hodge's Cove	Drilled	Aug 12, 2024	LTD	LTD	0.260	LTD	0.005	0.010	LTD	0.002	0.029	LTD	LTD	0.009	LTD	LTD	1.300	LTD	LTD	LTD	0.001	0.0014	0.006	
Hopedale																								
Hopedale	American Pond	Aug 29, 2024	LTD	4.5	LTD	0.130	0.005	0.100	LTD	LTD	0.001	LTD	LTD	0.001	0.120	LTD	0.460	0.013	LTD	LTD	LTD	LTD	LTD	
Indian Bay																								
Indian Bay	Indian Bay Brook	Aug 07, 2024	LTD	5.1	LTD	0.120	LTD	0.047	LTD	LTD	LTD	LTD	LTD	LTD	0.073	LTD	0.630	0.009	LTD	LTD	LTD	LTD	LTD	
Jackson's Cove-Langdon's Cove-Silverdale																								
Langdon's Cove	#3 Well Langdon's Cove Well	Sep 09, 2024	LTD	0.9	LTD	LTD	0.005	LTD	LTD	0.005	0.008	LTD	LTD	0.003	LTD	0.001	5.500	0.015	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
	Guidelines for Canadian Drinking Water Quality				10				0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005		0.02 / 0.12	0.001		0.05	0.02	5.0
	Aesthetic (A) or Contaminant (C) Parameter				C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Jean de Baie																							
Jean de Baie	#1 Well	Aug 19, 2024	LTD	1.2	0.140	LTD	LTD	0.018	LTD	LTD	0.035	LTD	LTD	0.006	LTD	LTD	2.900	0.003	LTD	LTD	LTD	LTD	0.016
L'Anse au Loup																							
L'Anse au Loup	L'anse Au Loup River	Aug 14, 2024	LTD	4.1	0.065	0.160	0.008	0.081	LTD	LTD	0.022	LTD	LTD	LTD	0.170	LTD	1.100	0.004	LTD	LTD	LTD	LTD	LTD
Labrador City																							
Labrador City	Beverly Lake	Jul 24, 2024	LTD	2.7	LTD	LTD	0.006	0.012	LTD	LTD	0.010	LTD	LTD	LTD	LTD	LTD	5.300	0.017	LTD	LTD	LTD	0.0001	LTD
Mary's Harbour																							
Mary's Harbour	St. Mary's River	Aug 14, 2024	LTD	8.6	LTD	0.180	0.013	0.250	LTD	LTD	0.007	LTD	LTD	LTD	0.270	LTD	0.360	0.012	LTD	LTD	LTD	LTD	LTD
Mary's Harbour - PWDU	St. Mary's River	Aug 14, 2024	LTD	8.6	LTD	0.180	0.013	0.250	LTD	LTD	0.007	LTD	LTD	LTD	0.270	LTD	0.360	0.012	LTD	LTD	LTD	LTD	LTD
McCallum																							
McCallum	Drilled	Sep 25, 2024	0.120	25.0	LTD	0.310	0.130	2.200	LTD	0.042	0.014	0.00009	LTD	0.024	5.700	0.038	1.600	0.370	LTD	LTD	LTD	0.0160	0.019
Nain																							
Nain	Trouser Lake	Aug 28, 2024	0.056	1.9	LTD	LTD	LTD	0.030	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.460	LTD	LTD	LTD	LTD	LTD	LTD
Natuashish																							
Natuashish (Sango Bay)	Sango Brook and Wellfield	Aug 29, 2024	0.070	2.9	LTD	0.120	LTD	0.041	LTD	LTD	0.003	LTD	LTD	0.001	0.110	LTD	0.960	0.005	LTD	LTD	LTD	LTD	LTD
Natuashish (Sango Bay)	Sango Brook and Wellfield	Aug 29, 2024	0.075	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.009	LTD	LTD	LTD	LTD	LTD	12.000	0.045	LTD	LTD	LTD	0.0011	LTD
Petley																							
Petley	Drilled + Dug Reservoir	Aug 12, 2024	LTD	LTD	0.094	LTD	LTD	0.006	LTD	0.007	0.110	LTD	LTD	0.021	0.051	LTD	2.000	0.020	LTD	LTD	LTD	0.0010	LTD
Port Rexton																							
Port Rexton	#1 Well - Lois Long Well	Aug 19, 2024	LTD	LTD	0.500	LTD	LTD	0.005	LTD	LTD	LTD	0.00002	0.00100	0.009	LTD	0.002	6.800	0.059	LTD	LTD	LTD	LTD	LTD
Hunchback Hill	#3 Well - Harold Vivian's Well	Aug 19, 2024	0.058	LTD	0.110	LTD	LTD	0.010	LTD	0.008	0.004	LTD	LTD	0.004	LTD	0.002	5.300	0.015	LTD	LTD	LTD	0.0003	LTD
Ship Cove	#5 Well - Mabel Clarke's Well	Aug 19, 2024	LTD	3.2	2.000	0.120	0.006	0.057	LTD	0.006	0.005	0.00004	LTD	0.023	LTD	0.003	4.500	0.038	LTD	LTD	LTD	LTD	0.005
Ship Cove	#6 Well - Banister's Well	Aug 19, 2024	LTD	1.1	0.064	LTD	LTD	LTD	LTD	0.007	0.001	LTD	LTD	0.012	LTD	LTD	9.300	0.002	LTD	LTD	LTD	LTD	0.005
Champneys Arm	Champney's Arm Well	Aug 19, 2024	LTD	2.3	LTD	LTD	LTD	0.006	LTD	0.003	0.012	LTD	LTD	0.011	LTD	LTD	7.900	0.100	LTD	LTD	LTD	0.0037	0.007

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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	
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005		0.02 / 0.12	0.001		0.05	0.02	5.0	
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A	
Random Sound West																								
North West Brook, Ivany Cove	#1 Well - Cabot Road South Well	Aug 12, 2024	LTD	2.1	0.058	0.180	LTD	0.007	LTD	LTD	0.160	0.00002	LTD	0.016	0.055	LTD	5.000	0.005	LTD	LTD	LTD	0.0002	0.012	
North West Brook, Ivany Cove	#2 Well	Aug 12, 2024	LTD	LTD	0.750	LTD	LTD	0.006	LTD	LTD	0.009	LTD	LTD	0.016	LTD	LTD	1.400	LTD	LTD	LTD	0.001	0.0002	LTD	
North West Brook, Ivany Cove	#3 Well - Harbour Well	Aug 12, 2024	LTD	2.5	0.094	LTD	LTD	0.010	LTD	0.001	0.003	LTD	LTD	0.021	LTD	LTD	1.900	LTD	LTD	LTD	LTD	0.0003	LTD	
Red Harbour																								
Red Harbour	1A Well Drilled + 1C Dug Well (back-up)	Aug 20, 2024	LTD	1.7	0.077	LTD	LTD	0.007	LTD	LTD	0.099	LTD	LTD	0.007	LTD	LTD	2.100	LTD	LTD	LTD	LTD	0.0011	LTD	
Sandringham																								
Sandringham	Drilled	Sep 10, 2024	LTD	0.6	1.200	LTD	LTD	0.023	LTD	LTD	0.011	0.00001	LTD	0.005	LTD	LTD	0.890	0.005	LTD	LTD	LTD	0.0001	0.008	
Sandringham	Drilled	Sep 10, 2024	LTD	0.6	0.430	LTD	LTD	0.020	LTD	LTD	0.015	0.00001	LTD	0.005	LTD	0.001	0.980	0.008	LTD	LTD	LTD	0.0001	LTD	
Sandy Cove																								
Sandy Cove	Dug	Sep 10, 2024	LTD	LTD	0.330	LTD	LTD	0.008	LTD	LTD	0.001	LTD	LTD	0.007	LTD	LTD	1.300	LTD	LTD	LTD	LTD	0.0002	LTD	
Smith's Sound																								
Harcourt-Monroe-Waterv ille	Developed Spring	Aug 12, 2024	LTD	LTD	0.190	LTD	0.005	0.021	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.890	LTD	LTD	LTD	LTD	LTD	LTD	
Springdale																								
Springdale Industrial Park	Well	Sep 09, 2024	LTD	LTD	0.260	LTD	0.018	LTD	LTD	0.002	0.011	LTD	LTD	0.006	LTD	LTD	4.800	LTD	LTD	LTD	LTD	0.0002	LTD	
St. Alban's																								
St. Alban's	Well Field	Sep 10, 2024	LTD	LTD	0.330	LTD	LTD	0.012	LTD	LTD	0.007	LTD	LTD	0.016	LTD	0.001	0.960	LTD	LTD	LTD	LTD	LTD	0.007	
St. Alban's	Well Field	Sep 10, 2024	LTD	LTD	0.250	LTD	LTD	0.011	LTD	LTD	0.005	0.00001	LTD	0.015	LTD	0.001	0.810	LTD	LTD	LTD	LTD	LTD	0.007	
St. Alban's	Well Field	Sep 10, 2024	0.076	LTD	0.310	LTD	0.006	0.008	LTD	LTD	0.005	LTD	LTD	0.029	LTD	0.001	1.000	LTD	LTD	LTD	LTD	LTD	0.012	
St. Alban's	Well Field	Sep 10, 2024	LTD	LTD	0.100	LTD	LTD	0.006	LTD	LTD	0.005	LTD	LTD	0.018	LTD	0.001	1.100	LTD	LTD	LTD	LTD	LTD	0.008	
St. Patricks																								
St. Patricks	David Joy Well	Sep 09, 2024	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.004	0.006	LTD	LTD	0.003	LTD	0.001	5.200	<u>0.024</u>	LTD	LTD	0.001	LTD	0.005	
Swift Current																								

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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
	Guidelines for Canadian Drinking Water Quality				10				0.006	0.01	2.0	0.007	0.05	1.0 / 2.0	0.3	0.005		0.02 / 0.12	0.001		0.05	0.02	5.0
	Aesthetic (A) or Contaminant (C) Parameter				C				C	C	C	C	C	A / C	A	C		A / C	C		C	C	A
Swift Current																							
Swift Current (Hollett's Point)	Drilled	Aug 12, 2024	0.069	9.4	LTD	0.210	0.043	0.440	LTD	LTD	0.010	LTD	LTD	0.014	<u>1.900</u>	LTD	1.800	0.800	LTD	LTD	LTD	0.0017	LTD
Upper Amherst Cove																							
Upper Amherst Cove	Drilled	Aug 19, 2024	0.055	2.4	LTD	LTD	LTD	LTD	LTD	LTD	0.016	LTD	LTD	0.013	LTD	LTD	8.100	0.017	LTD	LTD	LTD	LTD	LTD
Wabana																							
Wabana	Scotia #1	Sep 17, 2024	0.078	3.7	LTD	0.150	0.015	LTD	LTD	0.001	0.040	LTD	LTD	0.001	LTD	LTD	6.200	0.200	LTD	LTD	LTD	LTD	LTD
Winterland																							
Winterland	Well Field	Aug 20, 2024	LTD	LTD	0.800	LTD	LTD	0.016	LTD	LTD	0.017	0.00001	LTD	0.003	LTD	LTD	4.200	LTD	LTD	LTD	LTD	0.0033	LTD

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.

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.

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.

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

Notes:

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

pH has no units