



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	1.0	0.005	0.05	1.0	0.3	0.01		0.05	0.001		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A	C		C	C	A
Beaches																							
Beaches	Grassey Pond Brook	Nov 29, 2017	LTD	8.1	LTD	0.140	LTD	0.110	LTD	LTD	0.007	LTD	LTD	LTD	0.090	LTD	0.600	0.007	LTD	LTD	LTD	LTD	LTD
Beachside																							
Beachside	Long Pond	Dec 04, 2017	LTD	5.0	0.079	0.150	LTD	0.085	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.860	0.002	LTD	LTD	LTD	LTD	LTD
Bird Cove																							
Bird Cove (+Brig Bay)	Inner Gilmour Pond	Nov 20, 2017	LTD	8.6	LTD	0.140	0.005	0.012	LTD	LTD	0.002	LTD	LTD	0.006	0.089	LTD	9.500	0.003	LTD	LTD	LTD	LTD	LTD
Bishop's Falls																							
Bishop's Falls	Northern Arm Lake	Dec 15, 2017	LTD	5.4	LTD	0.190	LTD	0.064	LTD	LTD	0.002	LTD	LTD	LTD	0.130	LTD	0.450	0.012	LTD	LTD	LTD	LTD	LTD
Bonavista																							
Bonavista	Long Pond	Nov 15, 2017	LTD	6.7	LTD	0.150	0.008	0.100	LTD	LTD	LTD	0.00001	LTD	LTD	<u>0.450</u>	LTD	0.760	0.024	LTD	LTD	LTD	LTD	LTD
Botwood																							
Botwood	Northern Arm Lake	Dec 15, 2017	LTD	5.4	LTD	0.190	LTD	0.064	LTD	LTD	0.002	LTD	LTD	LTD	0.130	LTD	0.450	0.012	LTD	LTD	LTD	LTD	LTD
Brig Bay																							
Brig Bay	Inner Gilmour Pond	Nov 20, 2017	LTD	8.6	LTD	0.140	0.005	0.012	LTD	LTD	0.002	LTD	LTD	0.006	0.089	LTD	9.500	0.003	LTD	LTD	LTD	LTD	LTD
Brighton																							
Brighton	Hynes Cove Pond	Nov 24, 2017	0.056	7.5	LTD	0.220	0.005	0.062	LTD	LTD	0.004	LTD	LTD	LTD	0.100	LTD	1.300	0.008	LTD	LTD	LTD	LTD	LTD
Bryant's Cove																							
Bryant's Cove (Backup Supply)	Kelly's Pond (Spider's Pond)	Nov 15, 2017	LTD	4.3	LTD	LTD	LTD	0.061	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.470	0.009	LTD	LTD	LTD	LTD	LTD
Buchans																							
Buchans	Buchans Lake aka Sandy Lake	Nov 06, 2017	LTD	4.9	LTD	0.120	0.007	0.150	LTD	LTD	0.009	0.00002	LTD	LTD	<u>0.410</u>	0.002	0.420	0.037	LTD	LTD	LTD	LTD	LTD
Buchans - PWDU	Buchans Lake aka Sandy Lake	Nov 06, 2017	LTD	4.9	LTD	0.120	0.007	0.150	LTD	LTD	0.009	0.00002	LTD	LTD	<u>0.410</u>	0.002	0.420	0.037	LTD	LTD	LTD	LTD	LTD
Burgoyne's Cove																							
Burgoyne's Cove	Lower Rocky Pond	Nov 16, 2017	LTD	2.3	LTD	0.140	LTD	0.031	LTD	LTD	0.014	LTD	LTD	LTD	LTD	LTD	0.630	0.007	LTD	LTD	LTD	LTD	LTD
Cape Freels North																							
Cape Freels North	Long Pond	Dec 12, 2017	LTD	11.0	LTD	0.150	0.023	0.220	LTD	LTD	0.001	0.00001	LTD	LTD	<u>1.000</u>	0.001	1.100	0.016	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	1.0	0.005	0.05	1.0	0.3	0.01		0.05	0.001		0.01	0.02	5.0
			Aesthetic (A) or Contaminant (C) Parameter			C					C	C	C	C	C	A	A	C		A	C		C	C	A
Cartwright																									
Cartwright	Burdett's Pond	Oct 12, 2017	0.053	9.8	LTD	0.100	0.018	0.270	LTD	LTD	0.005	LTD	LTD	LTD	<u>0.600</u>	LTD	0.420	0.009	LTD	LTD	LTD	LTD	LTD		
Cartwright - PWDU	Burdett's Pond	Oct 12, 2017	0.053	9.8	LTD	0.100	0.018	0.270	LTD	LTD	0.005	LTD	LTD	LTD	<u>0.600</u>	LTD	0.420	0.009	LTD	LTD	LTD	LTD	LTD		
Centreville-Wareham-Trinity																									
Centreville-Wareham	Northwest Pond	Dec 13, 2017	0.077	4.9	LTD	0.150	LTD	0.060	LTD	LTD	LTD	LTD	LTD	LTD	0.080	LTD	0.510	0.008	LTD	LTD	LTD	LTD	LTD		
Chanceport																									
Chanceport	Bridger's Cove Pond	Dec 06, 2017	LTD	14.0	LTD	0.220	0.013	0.210	LTD	LTD	0.003	0.00009	0.00110	LTD	<u>0.350</u>	LTD	2.300	0.019	LTD	LTD	LTD	LTD	0.015		
Clarenville																									
Clarenville, Shoal Harbour	Shoal Harbour River	Nov 15, 2017	0.077	5.5	0.064	0.170	LTD	0.067	LTD	LTD	0.002	LTD	LTD	0.017	0.190	LTD	0.510	0.016	LTD	LTD	LTD	LTD	LTD		
Clarke's Beach																									
Clarke's Beach	Clarke's Pond	Nov 15, 2017	LTD	3.0	LTD	LTD	LTD	0.024	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.620	0.007	LTD	LTD	LTD	LTD	LTD		
Comfort Cove-Newstead																									
Comfort Cove-Newstead	Steady Cove Pond	Dec 05, 2017	LTD	6.4	LTD	0.200	0.007	0.017	LTD	LTD	0.001	LTD	LTD	LTD	0.140	LTD	1.700	0.025	LTD	LTD	LTD	LTD	LTD		
Deer Lake																									
Deer Lake (+Reidville)	Humber Canal, Grand Lake	Dec 07, 2017	LTD	3.3	0.140	LTD	LTD	0.057	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	0.740	0.004	LTD	LTD	LTD	LTD	LTD		
Dildo																									
Dildo, Broad Cove (+South Dildo)	Broad Cove Pond	Dec 07, 2017	LTD	5.7	LTD	0.110	0.004	0.077	LTD	LTD	LTD	LTD	LTD	LTD	0.170	LTD	0.700	0.012	LTD	LTD	LTD	LTD	LTD		
Embree																									
Embree (+Little Burnt Bay)	Troke's Cove Pond	Nov 03, 2017	LTD	4.9	LTD	0.160	0.004	0.014	LTD	LTD	LTD	LTD	LTD	LTD	0.057	LTD	0.950	0.016	LTD	LTD	LTD	LTD	LTD		
Fairbanks-Hillgrade																									
Fairbanks-Hillgrade	Saltine's Pond	Dec 13, 2017	LTD	7.4	LTD	0.150	0.004	0.110	LTD	LTD	0.004	LTD	LTD	LTD	0.150	LTD	1.300	0.009	LTD	LTD	LTD	LTD	LTD		
Ferryland																									
Ferryland	Deep Cove Pond	Nov 01, 2017	0.440	8.2	LTD	0.160	0.005	0.250	LTD	LTD	0.002	LTD	LTD	LTD	0.150	LTD	0.730	0.012	LTD	LTD	LTD	LTD	LTD		
Fleur de Lys																									
Fleur De Lys	First Pond, Narrow Pond	Nov 28, 2017	LTD	9.2	LTD	0.450	0.019	0.240	LTD	LTD	0.009	0.00002	0.00110	0.003	<u>0.800</u>	0.002	1.000	<u>0.110</u>	LTD	LTD	LTD	0.0002	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	mg/L																					
Guidelines for Canadian Drinking Water Quality			10			0.006			0.01			1.0			0.005			0.05			1.0			0.3			0.01			0.05			0.001			0.01			0.02			5.0		
Aesthetic (A) or Contaminant (C) Parameter			C			C			C			C			A			A			C			A			C			C			A											
Flower's Cove																																												
Flower's Cove (+Nameless Cove)	French Island Pond	Nov 08, 2017	LTD	6.5	LTD	0.120	0.008	0.019	LTD	LTD	0.003	LTD	LTD	LTD	0.089	LTD	11.000	0.007	LTD	LTD	LTD	LTD	0.009																					
Fogo Island																																												
Fogo	Freeman's Pond	Nov 01, 2017	0.053	14.0	0.055	0.220	0.010	0.480	LTD	0.001	0.002	LTD	0.00150	LTD	<u>0.990</u>	LTD	1.000	0.028	LTD	LTD	LTD	LTD	LTD																					
Fox Roost-Margaree																																												
Fox Roost-Margaree	Drilled Well and Margaree Pond	Dec 12, 2017	LTD	12.0	LTD	0.110	0.007	0.290	LTD	LTD	0.004	0.00002	LTD	LTD	<u>0.420</u>	0.001	1.300	0.013	LTD	LTD	LTD	LTD	LTD																					
Fox Roost-Margaree - PWDU	Drilled Well and Margaree Pond	Dec 12, 2017	LTD	12.0	LTD	0.110	0.007	0.290	LTD	LTD	0.004	0.00002	LTD	LTD	<u>0.420</u>	0.001	1.300	0.013	LTD	LTD	LTD	LTD	LTD																					
Garden Cove																																												
Garden Cove	Arch Cove Pond	Dec 06, 2017	LTD	7.4	LTD	LTD	LTD	0.130	LTD	LTD	0.002	LTD	LTD	LTD	0.250	LTD	0.460	0.018	LTD	LTD	LTD	LTD	LTD																					
Gaskiers																																												
Gaskiers-Point La Haye	Big Hare Hill Pond	Nov 02, 2017	LTD	14.0	LTD	0.260	0.005	0.240	LTD	LTD	0.005	LTD	LTD	LTD	0.190	LTD	2.000	0.006	LTD	LTD	LTD	LTD	LTD																					
Gillams																																												
Gillams	Meaters Pond	Nov 15, 2017	LTD	4.2	LTD	0.110	LTD	0.020	LTD	LTD	0.003	LTD	LTD	LTD	0.080	LTD	1.200	0.034	LTD	LTD	LTD	LTD	LTD																					
Glovertown																																												
Glovertown	Northwest Pond	Nov 28, 2017	LTD	6.2	LTD	0.160	LTD	0.120	LTD	LTD	0.003	LTD	LTD	LTD	0.063	LTD	0.380	0.003	LTD	LTD	LTD	LTD	LTD																					
Goose Cove East																																												
Goose Cove East	Jack's Pond	Nov 07, 2017	LTD	9.4	LTD	0.160	0.005	0.089	LTD	LTD	LTD	LTD	0.00110	0.002	0.210	LTD	1.400	0.014	LTD	LTD	LTD	LTD	LTD																					
Grand Falls-Windsor																																												
Grand Falls-Windsor (+Bishop's Falls, +Wooddale, +Botwood, +Peterview)	Northern Arm Lake	Dec 15, 2017	LTD	5.4	LTD	0.190	LTD	0.064	LTD	LTD	0.002	LTD	LTD	LTD	0.130	LTD	0.450	0.012	LTD	LTD	LTD	LTD	LTD																					
Great Brehat																																												
Great Brehat	Little Steady Pond	Nov 07, 2017	LTD	14.0	LTD	0.230	0.008	0.140	LTD	LTD	0.003	LTD	LTD	LTD	<u>0.390</u>	LTD	1.200	<u>0.076</u>	LTD	LTD	LTD	LTD	LTD																					
Greenspond																																												
Greenspond	Shambler's Cove Pond	Dec 13, 2017	0.051	7.7	0.060	0.170	0.005	0.290	LTD	LTD	0.002	LTD	LTD	LTD	0.220	LTD	0.640	0.007	LTD	LTD	LTD	0.0006	LTD																					
Hant's Harbour																																												



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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	1.0	0.005	0.05	1.0	0.3	0.01		0.05	0.001		0.01	0.02	5.0
			Aesthetic (A) or Contaminant (C) Parameter			C					C	C	C	C	C	A	A	C		A	C		C	C	A
Hant's Harbour																									
Hant's Harbour	Eastern Pond (Halfway Brook)	Dec 04, 2017	LTD	4.6	LTD	0.130	0.004	0.062	LTD	LTD	LTD	LTD	LTD	LTD	0.055	LTD	0.580	0.007	LTD	LTD	LTD	LTD	0.007		
Harbour Main-Chapel's Cove-Lakeview																									
Harbour Main, Chapel's Cove, Lakeview	Maloney's River	Nov 22, 2017	LTD	4.8	0.051	LTD	LTD	0.036	LTD	LTD	0.004	LTD	LTD	LTD	0.054	LTD	0.710	0.011	LTD	LTD	LTD	LTD	LTD		
Heart's Content																									
Heart's Content	Southern Cove Pond	Dec 04, 2017	LTD	3.5	LTD	LTD	LTD	0.075	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.470	0.005	LTD	LTD	LTD	LTD	LTD		
Indian Bay																									
Indian Bay	Indian Bay Brook	Dec 13, 2017	0.320	4.5	0.075	0.110	LTD	0.061	LTD	LTD	0.001	LTD	LTD	LTD	0.089	LTD	0.520	0.016	LTD	LTD	LTD	LTD	LTD		
King's Point																									
King's Point	Bulley's Pond	Dec 14, 2017	LTD	6.7	LTD	0.170	0.005	0.230	LTD	LTD	0.003	0.00002	0.00100	LTD	<u>0.420</u>	LTD	0.360	0.040	LTD	LTD	LTD	LTD	LTD		
Lawn																									
Lawn	Brazil Pond	Nov 07, 2017	LTD	7.6	0.068	0.180	0.004	0.097	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.450</u>	LTD	0.650	0.036	LTD	LTD	LTD	LTD	LTD		
Lawn - PWDU	Brazil Pond	Nov 07, 2017	LTD	7.6	0.068	0.180	0.004	0.097	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.450</u>	LTD	0.650	0.036	LTD	LTD	LTD	LTD	LTD		
Little Bay																									
Little Bay	First Pond	Dec 04, 2017	LTD	2.4	0.250	LTD	LTD	0.018	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	1.300	LTD	LTD	LTD	LTD	LTD	LTD		
Little Burnt Bay																									
Little Burnt Bay	Troke's Cove Pond	Nov 03, 2017	LTD	4.9	LTD	0.160	0.004	0.014	LTD	LTD	LTD	LTD	LTD	LTD	0.057	LTD	0.950	0.016	LTD	LTD	LTD	LTD	LTD		
Little St. Lawrence																									
Little St. Lawrence	Butler's Brook (2 Intakes)	Nov 07, 2017	LTD	12.0	LTD	0.220	0.011	0.340	LTD	LTD	0.008	0.00002	LTD	LTD	<u>0.460</u>	0.001	1.000	<u>0.059</u>	LTD	LTD	LTD	LTD	LTD		
Long Harbour-Mount Arlington Heights																									
Long Harbour-Mount Arlington Heights	Shingle Pond and/or Trout Pond (2 Intakes)	Dec 11, 2017	LTD	8.6	0.082	0.230	0.011	0.250	LTD	LTD	0.038	LTD	LTD	LTD	<u>0.320</u>	LTD	0.610	0.021	LTD	LTD	LTD	LTD	LTD		
Loon Bay																									
Loon Bay	Southeast Pond	Dec 06, 2017	LTD	4.8	LTD	LTD	LTD	0.018	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.750	0.004	LTD	LTD	LTD	LTD	LTD		
Lumsden																									
Lumsden	Gull Pond	Dec 12, 2017	0.057	14.0	LTD	0.250	0.016	0.390	LTD	LTD	0.002	LTD	LTD	LTD	<u>1.500</u>	LTD	0.760	0.011	LTD	LTD	LTD	0.0001	0.150		



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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		C			C	C	C	C	C	A	A	C		A	C		C	C	A
Main Brook																									
Main Brook	Joe Burt's Pond	Nov 07, 2017	LTD	5.8	LTD	0.130	0.007	0.062	LTD	LTD	0.006	LTD	LTD	LTD	0.079	LTD	3.100	0.012	LTD	LTD	LTD	LTD	LTD		
Makkovik																									
Makkovik	Ranger Bight Pond	Oct 11, 2017	LTD	5.7	LTD	LTD	0.005	0.170	LTD	LTD	0.011	LTD	LTD	LTD	0.220	LTD	0.390	0.008	LTD	LTD	LTD	0.0008	0.007		
Makkovik - PWDU	Ranger Bight Pond	Oct 11, 2017	LTD	5.7	LTD	LTD	0.005	0.170	LTD	LTD	0.011	LTD	LTD	LTD	0.220	LTD	0.390	0.008	LTD	LTD	LTD	0.0008	0.007		
Meadows																									
Meadows, Summerside West	Meaters Pond	Nov 16, 2017	LTD	4.0	LTD	0.110	LTD	0.018	LTD	LTD	0.003	LTD	LTD	LTD	0.072	LTD	1.200	0.033	LTD	LTD	LTD	LTD	LTD		
Middle Arm																									
Middle Arm	Dam Pond Brook	Nov 28, 2017	LTD	8.2	LTD	0.100	LTD	0.160	LTD	LTD	0.001	LTD	LTD	LTD	0.110	LTD	0.340	0.006	LTD	LTD	LTD	LTD	LTD		
Miles Cove																									
Miles Cove	Paddock's Pond	Nov 24, 2017	LTD	5.7	0.058	0.140	LTD	0.037	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.780	0.010	LTD	LTD	LTD	LTD	LTD		
Millertown																									
Millertown	Water Pond	Nov 06, 2017	0.079	7.9	LTD	0.250	0.007	0.056	LTD	LTD	0.020	LTD	LTD	LTD	LTD	LTD	0.480	0.002	LTD	LTD	LTD	LTD	LTD		
Morrisville																									
Morrisville	Morrisville Pond	Dec 12, 2017	LTD	5.7	LTD	LTD	LTD	0.047	LTD	LTD	0.002	LTD	LTD	LTD	0.220	LTD	1.300	0.025	LTD	LTD	LTD	LTD	LTD		
Musgrave Harbour																									
Musgrave Harbour	Rocky Pond	Dec 12, 2017	LTD	12.0	LTD	0.230	0.013	0.240	LTD	LTD	0.002	LTD	LTD	LTD	<u>1.000</u>	LTD	0.890	0.018	LTD	LTD	LTD	0.0001	LTD		
Nameless Cove																									
Nameless Cove / Flower Cove	French Island Pond	Nov 08, 2017	LTD	6.5	LTD	0.120	0.008	0.019	LTD	LTD	0.003	LTD	LTD	LTD	0.089	LTD	11.000	0.007	LTD	LTD	LTD	LTD	0.009		
Natuashish																									
Natuashish (Sango Bay)	Sango Brook and Wellfield	Oct 10, 2017	0.096	2.6	LTD	LTD	0.004	0.070	LTD	LTD	0.002	LTD	LTD	LTD	0.110	LTD	0.780	0.003	LTD	LTD	LTD	LTD	LTD		
New Perlican																									
New Perlican	New Perlican River	Dec 04, 2017	LTD	5.3	LTD	0.120	LTD	0.140	LTD	LTD	LTD	LTD	LTD	LTD	0.130	LTD	0.600	0.038	LTD	LTD	LTD	LTD	LTD		
Norman's Cove-Long Cove																									
Norman's Cove-Long Cove	John Newhooks Pond	Nov 29, 2017	LTD	3.9	0.051	0.100	LTD	0.060	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	0.520	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 Aesthetic (A) or Contaminant (C) Parameter				10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.01		0.05	0.001		0.01	0.02	5.0
					C				C	C	C	C	C	A	A	C		A	C		C	C	A		
Northern Arm																									
Northern Arm	Northern Arm Lake	Dec 15, 2017	LTD	5.4	LTD	0.190	LTD	0.064	LTD	LTD	0.002	LTD	LTD	LTD	0.130	LTD	0.450	0.012	LTD	LTD	LTD	LTD	LTD		
Pasadena																									
Pasadena	Blue Gulch Pond	Nov 22, 2017	0.067	4.0	LTD	0.110	LTD	0.012	LTD	LTD	0.005	0.00002	LTD	LTD	LTD	LTD	0.800	0.008	LTD	LTD	LTD	LTD	LTD		
Peterview																									
Peterview	Northern Arm Lake	Dec 15, 2017	LTD	5.4	LTD	0.190	LTD	0.064	LTD	LTD	0.002	LTD	LTD	LTD	0.130	LTD	0.450	0.012	LTD	LTD	LTD	LTD	LTD		
Petit Forte																									
Petit Forte	Reddy's Pond	Nov 08, 2017	LTD	7.9	LTD	0.130	0.005	0.230	LTD	LTD	0.003	LTD	LTD	LTD	0.150	LTD	0.840	0.012	LTD	LTD	LTD	LTD	LTD		
Petty Harbour-Maddox Cove																									
Petty Harbour-Maddox Cove	Western Barrens Pond	Nov 17, 2017	LTD	3.3	0.057	LTD	LTD	0.140	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	0.400	0.007	LTD	LTD	LTD	LTD	LTD		
Placentia																									
Freshwater, Argentia site	Clarkes Pond	Nov 23, 2017	0.360	7.4	0.098	0.180	0.005	0.068	LTD	LTD	0.010	LTD	LTD	LTD	0.076	LTD	1.300	0.015	LTD	LTD	LTD	LTD	LTD		
Pollards Point																									
Pollards Point, Country Cove	Country Cove Pond	Dec 13, 2017	LTD	4.2	LTD	0.120	0.004	0.037	LTD	LTD	0.072	0.00001	LTD	LTD	0.100	LTD	0.960	<u>0.051</u>	LTD	LTD	LTD	LTD	0.097		
Pool's Cove																									
Pool's Cove	Widgeon Pond	Dec 12, 2017	LTD	6.8	LTD	0.130	0.006	0.190	LTD	LTD	0.003	LTD	LTD	LTD	0.190	LTD	1.200	0.007	LTD	LTD	LTD	0.0001	LTD		
Port au Choix																									
Port au Choix	Winterhouse Pond	Nov 21, 2017	0.056	5.0	LTD	0.120	0.008	0.032	LTD	LTD	0.004	LTD	LTD	LTD	0.051	LTD	9.800	0.004	LTD	LTD	LTD	LTD	LTD		
Port au Choix - PWDU	Winterhouse Pond	Nov 21, 2017	0.056	5.0	LTD	0.120	0.008	0.032	LTD	LTD	0.004	LTD	LTD	LTD	0.051	LTD	9.800	0.004	LTD	LTD	LTD	LTD	LTD		
Portugal Cove South																									
Portugal Cove South	Wrights Brook	Nov 02, 2017	0.140	1.8	LTD	LTD	LTD	0.042	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.990	LTD	LTD	LTD	LTD	LTD	LTD		
Postville																									
Postville	Big Pond	Oct 11, 2017	0.077	6.0	LTD	0.160	LTD	0.170	LTD	LTD	0.003	LTD	LTD	LTD	0.052	LTD	0.400	LTD	LTD	LTD	LTD	LTD	LTD		
Postville - PWDU	Big Pond	Oct 11, 2017	0.077	6.0	LTD	0.160	LTD	0.170	LTD	LTD	0.003	LTD	LTD	LTD	0.052	LTD	0.400	LTD	LTD	LTD	LTD	LTD	LTD		
Pynn's Brook																									

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 Aesthetic (A) or Contaminant (C) Parameter					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.01		0.05	0.001		0.01	0.02	5.0
					C				C	C	C	C	C	A	A	C		A	C		C	C	A
Pynn's Brook																							
Pynn's Brook	Pynn's Brook	Dec 07, 2017	LTD	3.3	0.098	LTD	LTD	0.017	LTD	LTD	0.029	LTD	LTD	LTD	LTD	LTD	2.000	0.016	LTD	LTD	LTD	LTD	LTD
Ramea																							
Ramea	Northwest Pond	Nov 29, 2017	LTD	5.4	LTD	0.130	0.024	0.280	LTD	LTD	0.007	0.00002	LTD	LTD	<u>0.620</u>	0.001	35.000	0.046	LTD	LTD	LTD	LTD	0.007
Ramea - PWDU	Northwest Pond	Nov 29, 2017	LTD	5.4	LTD	0.130	0.024	0.280	LTD	LTD	0.007	0.00002	LTD	LTD	<u>0.620</u>	0.001	35.000	0.046	LTD	LTD	LTD	LTD	0.007
Reidville																							
Reidville	Humber Canal, Grand Lake	Dec 07, 2017	LTD	3.3	0.140	LTD	LTD	0.057	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	0.740	0.004	LTD	LTD	LTD	LTD	LTD
Rigolet																							
Rigolet	Rigolet Pond	Oct 11, 2017	LTD	14.0	LTD	0.150	0.004	0.340	LTD	LTD	0.027	LTD	LTD	LTD	<u>0.420</u>	LTD	0.470	0.005	LTD	LTD	LTD	LTD	LTD
Rigolet - PWDU	Rigolet Pond	Oct 11, 2017	LTD	14.0	LTD	0.150	0.004	0.340	LTD	LTD	0.027	LTD	LTD	LTD	<u>0.420</u>	LTD	0.470	0.005	LTD	LTD	LTD	LTD	LTD
Rushoon																							
Rushoon	Big Pond Brook	Nov 08, 2017	LTD	7.8	LTD	0.200	LTD	0.150	LTD	LTD	0.005	LTD	LTD	LTD	0.097	LTD	0.480	0.012	LTD	LTD	LTD	LTD	LTD
Sheaves Cove																							
Sheaves Cove	Unnamed Brook	Dec 12, 2017	LTD	3.5	0.190	0.130	LTD	0.021	LTD	LTD	0.021	0.00002	LTD	LTD	LTD	LTD	6.700	LTD	LTD	LTD	LTD	0.0002	LTD
Sop's Arm																							
Sop's Arm	Little Tickle Pond	Nov 16, 2017	0.067	8.2	0.067	0.150	0.007	0.190	LTD	LTD	0.015	LTD	LTD	LTD	0.150	LTD	0.840	0.023	LTD	LTD	LTD	LTD	LTD
South Brook																							
South Brook	Next to Brook	Nov 14, 2017	LTD	3.9	0.110	0.140	LTD	0.077	LTD	LTD	0.003	LTD	LTD	LTD	0.088	LTD	0.640	0.011	LTD	LTD	LTD	LTD	LTD
South Dildo																							
South Dildo	Broad Cove Pond	Dec 07, 2017	LTD	5.7	LTD	0.110	0.004	0.077	LTD	LTD	LTD	LTD	LTD	LTD	0.170	LTD	0.700	0.012	LTD	LTD	LTD	LTD	LTD
Spaniard's Bay																							
Spaniard's Bay (+Upper Island Cove, + Bryant's Cove)	Kelly's Pond (Spider's Pond)	Nov 15, 2017	LTD	4.3	LTD	LTD	LTD	0.061	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.470	0.009	LTD	LTD	LTD	LTD	LTD
St. Judes																							
St. Judes	Uncle Arthur Brook	Dec 07, 2017	LTD	5.1	0.160	0.150	LTD	0.052	LTD	LTD	0.018	LTD	LTD	LTD	LTD	LTD	2.200	0.007	LTD	LTD	LTD	0.0001	0.066



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

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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	1.0	0.005	0.05	1.0	0.3	0.01		0.05	0.001		0.01	0.02	5.0	
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	C	A	A	C		A	C		C	C	A
St. Lawrence																								
St. Lawrence	St. Lawrence River	Nov 07, 2017	LTD	13.0	LTD	0.200	LTD	0.280	LTD	LTD	0.009	LTD	LTD	LTD	<u>0.540</u>	0.001	0.680	0.024	LTD	LTD	LTD	0.0002	LTD	
St. Lawrence - PWDU	St. Lawrence River	Nov 07, 2017	LTD	13.0	LTD	0.200	LTD	0.280	LTD	LTD	0.009	LTD	LTD	LTD	<u>0.540</u>	0.001	0.680	0.024	LTD	LTD	LTD	0.0002	LTD	
St. Lunenburg																								
St. Lunenburg	Joe's Pond	Nov 07, 2017	LTD	19.0	LTD	0.250	0.010	0.160	LTD	LTD	0.004	LTD	0.00170	LTD	<u>0.430</u>	LTD	1.700	0.019	LTD	0.002	LTD	LTD	LTD	
Gunners Cove	Lookout Brook	Nov 07, 2017	LTD	18.0	LTD	0.340	0.014	0.250	LTD	LTD	0.004	0.00001	LTD	LTD	<u>0.470</u>	LTD	1.400	<u>0.055</u>	LTD	LTD	LTD	LTD	LTD	
St. Pauls																								
St. Pauls	Two Mile Pond	Nov 28, 2017	LTD	9.0	0.180	0.140	0.007	0.038	LTD	LTD	0.024	0.00001	LTD	LTD	0.100	LTD	3.300	0.003	LTD	LTD	LTD	0.0002	LTD	
Trinity																								
Trinity, T.B.	Indian Pond	Nov 14, 2017	LTD	5.4	LTD	0.110	LTD	0.240	LTD	LTD	0.003	LTD	LTD	0.042	0.085	LTD	0.390	0.006	LTD	LTD	LTD	LTD	0.006	
Trinity Bay North																								
Little Catalina	Whirl Pond	Nov 14, 2017	LTD	8.7	LTD	0.230	0.009	0.230	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.480</u>	LTD	0.710	<u>0.051</u>	LTD	LTD	LTD	LTD	LTD	
Melrose	Whirl Pond	Nov 14, 2017	LTD	8.7	LTD	0.230	0.009	0.230	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.480</u>	LTD	0.710	<u>0.051</u>	LTD	LTD	LTD	LTD	LTD	
Port Union, Catalina (+Little Catalina)	Whirl Pond	Nov 14, 2017	LTD	8.7	LTD	0.230	0.009	0.230	LTD	LTD	0.002	LTD	LTD	LTD	<u>0.480</u>	LTD	0.710	<u>0.051</u>	LTD	LTD	LTD	LTD	LTD	
Upper Island Cove																								
Upper Island Cove	Kelly's Pond (Spider's Pond)	Nov 15, 2017	LTD	4.3	LTD	LTD	LTD	0.061	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.470	0.009	LTD	LTD	LTD	LTD	LTD	
Wabush																								
Wabush	Wahnahnish Lake	Oct 24, 2017	LTD	3.5	LTD	0.150	LTD	0.008	LTD	LTD	0.012	LTD	LTD	LTD	0.070	LTD	3.700	0.021	LTD	LTD	LTD	LTD	LTD	
Whitbourne																								
Whitbourne	Hodges River	Dec 11, 2017	LTD	5.8	LTD	0.150	0.006	0.073	LTD	LTD	0.002	LTD	LTD	LTD	0.180	LTD	0.860	<u>0.064</u>	LTD	LTD	LTD	LTD	LTD	
Winterton																								
Winterton	Western Pond	Dec 04, 2017	LTD	4.1	LTD	0.100	LTD	0.067	LTD	LTD	LTD	LTD	LTD	LTD	0.100	LTD	0.610	0.009	LTD	LTD	LTD	LTD	LTD	
Wooddale																								
Wooddale	Northern Arm Lake	Dec 15, 2017	LTD	5.4	LTD	0.190	LTD	0.064	LTD	LTD	0.002	LTD	LTD	LTD	0.130	LTD	0.450	0.012	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				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.01		0.05	0.001		0.01	0.02	5.0
	Aesthetic (A) or Contaminant (C) Parameter				C				C	C	C	C	C	A	A	C		A	C		C	C	A
Woody Point																							
Woody Point	Winterhouse Brook	Nov 15, 2017	LTD	1.6	0.170	LTD	0.006	0.016	LTD	LTD	0.007	LTD	0.00180	LTD	LTD	LTD	10.000	LTD	LTD	0.004	LTD	LTD	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.

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 Exceedances x.xx

Aesthetic Exceedances [x.xx](#)

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 1.0 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 0.005 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 0.010 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.

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