



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
Beaches																							
Beaches	Grassey Pond Brook	Jun 08, 2017	LTD	6.6	LTD	0.140	LTD	0.120	LTD	LTD	0.006	LTD	0.00100	LTD	0.130	LTD	0.470	0.013	LTD	LTD	LTD	LTD	LTD
Beachside																							
Beachside	Long Pond	Jun 21, 2017	LTD	5.3	0.083	0.160	LTD	0.110	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.770	0.003	LTD	LTD	LTD	LTD	LTD
Bishop's Falls																							
Bishop's Falls	Northern Arm Lake	Jun 08, 2017	LTD	4.4	LTD	0.160	LTD	0.093	LTD	LTD	0.002	LTD	LTD	LTD	0.100	LTD	0.280	0.024	LTD	LTD	LTD	LTD	LTD
Bonavista																							
Bonavista	Long Pond	Jun 13, 2017	0.073	3.5	LTD	0.150	LTD	0.083	LTD	LTD	0.001	0.00001	LTD	LTD	0.150	LTD	0.600	0.031	LTD	LTD	LTD	LTD	LTD
Botwood																							
Botwood	Northern Arm Lake	Jun 08, 2017	LTD	4.4	LTD	0.160	LTD	0.093	LTD	LTD	0.002	LTD	LTD	LTD	0.100	LTD	0.280	0.024	LTD	LTD	LTD	LTD	LTD
Brighton																							
Brighton	Hynes Cove Pond	Jun 02, 2017	LTD	7.8	LTD	0.180	0.005	0.160	LTD	LTD	0.003	LTD	LTD	LTD	0.200	LTD	0.930	0.025	LTD	LTD	LTD	LTD	0.006
Bryant's Cove																							
Bryant's Cove (Backup Supply)	Kelly's Pond (Spider's Pond)	Jun 16, 2017	LTD	3.0	LTD	0.180	LTD	0.088	LTD	LTD	0.001	LTD	LTD	0.003	0.062	0.001	0.440	0.010	LTD	LTD	LTD	LTD	LTD
Buchans																							
Buchans	Buchans Lake aka Sandy Lake	Jun 07, 2017	0.054	4.3	LTD	0.180	0.006	0.110	LTD	LTD	0.005	0.00001	LTD	LTD	0.150	LTD	0.230	0.029	LTD	LTD	LTD	LTD	0.007
Buchans - PWDU	Buchans Lake aka Sandy Lake	Jun 07, 2017	0.054	4.3	LTD	0.180	0.006	0.110	LTD	LTD	0.005	0.00001	LTD	LTD	0.150	LTD	0.230	0.029	LTD	LTD	LTD	LTD	0.007
Burgoyne's Cove																							
Burgoyne's Cove	Lower Rocky Pond	Jun 13, 2017	LTD	2.0	LTD	LTD	LTD	0.020	LTD	LTD	0.013	LTD	LTD	LTD	LTD	LTD	0.580	0.009	LTD	LTD	LTD	LTD	LTD
Cape Freels North																							
Cape Freels North	Long Pond	May 30, 2017	LTD	7.7	0.073	0.170	0.013	0.160	LTD	LTD	0.001	0.00002	LTD	LTD	<u>0.960</u>	0.001	0.750	0.031	LTD	LTD	LTD	LTD	LTD
Castor River South																							
Castor River South	Unnamed	Jun 30, 2017	LTD	3.4	0.120	LTD	LTD	0.011	LTD	LTD	0.017	LTD	LTD	LTD	LTD	LTD	15.000	LTD	LTD	LTD	LTD	0.0001	LTD
Centreville-Wareham-Trinity																							
Centreville-Wareham	Northwest Pond	May 31, 2017	LTD	5.4	LTD	0.130	LTD	0.097	LTD	LTD	0.001	LTD	LTD	LTD	0.130	LTD	0.450	0.022	LTD	LTD	LTD	LTD	LTD



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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
Chanceport																									
Chanceport	Bridger's Cove Pond	Jun 14, 2017	LTD	12.0	LTD	0.250	0.007	0.200	LTD	LTD	0.002	LTD	LTD	LTD	0.230	LTD	1.500	0.006	0.00002	LTD	LTD	LTD	LTD		
Clarenville																									
Clarenville, Shoal Harbour	Shoal Harbour River	Jun 13, 2017	LTD	4.6	0.057	0.160	LTD	0.081	LTD	LTD	0.002	LTD	LTD	0.020	0.130	LTD	0.470	0.008	LTD	LTD	LTD	LTD	LTD		
Clarke's Beach																									
Clarke's Beach	Clarke's Pond	Jun 16, 2017	LTD	2.5	LTD	0.200	LTD	0.035	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.610	0.005	LTD	LTD	LTD	LTD	LTD		
Comfort Cove-Newstead																									
Comfort Cove-Newstead	Steady Cove Pond	Jun 13, 2017	LTD	5.8	LTD	0.180	0.006	0.038	LTD	LTD	0.001	LTD	LTD	LTD	0.120	LTD	1.300	<u>0.057</u>	LTD	LTD	LTD	LTD	LTD		
Deer Lake																									
Deer Lake (+Reidville)	Humber Canal, Grand Lake	May 02, 2017	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
Deer Lake (+Reidville)	Humber Canal, Grand Lake	Jun 12, 2017	LTD	3.5	0.140	LTD	LTD	0.072	LTD	LTD	0.006	LTD	LTD	LTD	LTD	LTD	0.760	0.005	LTD	LTD	LTD	LTD	0.010		
Dildo																									
Dildo, Broad Cove (+South Dildo)	Broad Cove Pond	Jun 08, 2017	LTD	3.2	LTD	LTD	LTD	0.069	LTD	LTD	LTD	LTD	LTD	LTD	0.055	LTD	0.600	0.007	LTD	LTD	LTD	LTD	LTD		
Embree																									
Embree (+Little Burnt Bay)	Troke's Cove Pond	Jun 12, 2017	LTD	5.0	LTD	0.150	LTD	0.058	LTD	LTD	0.001	LTD	LTD	LTD	0.072	LTD	0.790	0.017	LTD	LTD	LTD	LTD	LTD		
Fairbanks-Hillgrade																									
Fairbanks-Hillgrade	Saltine's Pond	Jun 14, 2017	LTD	7.8	LTD	0.200	LTD	0.120	LTD	LTD	0.004	LTD	LTD	LTD	0.100	LTD	1.200	0.013	0.00002	LTD	LTD	LTD	0.006		
Fermeuse																									
Fermeuse, Kingman's	Merrymeeting Pond, Bear Cove Pond (2 intakes)	Jun 08, 2017	LTD	3.5	LTD	0.160	LTD	0.140	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.600	0.014	LTD	LTD	LTD	LTD	LTD		
Ferryland																									
Ferryland	Deep Cove Pond	Jun 08, 2017	LTD	5.5	LTD	0.140	LTD	0.200	LTD	LTD	0.002	0.00001	LTD	LTD	0.078	LTD	0.740	0.011	LTD	LTD	LTD	LTD	LTD		
Fleur de Lys																									
Fleur De Lys	First Pond, Narrow Pond	Jun 20, 2017	LTD	9.6	LTD	0.240	0.010	0.240	LTD	LTD	0.009	0.00003	LTD	0.003	<u>0.340</u>	0.001	0.810	<u>0.150</u>	0.00001	LTD	LTD	0.0002	0.006		
Flower's Cove																									
Flower's Cove (+Nameless Cove)	French Island Pond	Jun 07, 2017	LTD	4.3	LTD	0.140	LTD	0.015	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	8.600	0.004	0.00002	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 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
Fox Roost-Margaree																							
Fox Roost-Margaree	Drilled Well and Margaree Pond	May 31, 2017	LTD	6.5	LTD	0.220	LTD	0.160	LTD	LTD	0.002	0.00001	LTD	LTD	0.160	LTD	0.640	0.007	LTD	LTD	LTD	LTD	0.012
Fox Roost-Margaree - PWDU	Drilled Well and Margaree Pond	May 31, 2017	LTD	6.5	LTD	0.220	LTD	0.160	LTD	LTD	0.002	0.00001	LTD	LTD	0.160	LTD	0.640	0.007	LTD	LTD	LTD	LTD	0.012
Gambo																							
Gambo	Dark Cove Pond	May 31, 2017	LTD	4.0	LTD	0.140	LTD	0.047	LTD	LTD	0.002	LTD	LTD	LTD	0.060	LTD	0.360	0.019	LTD	LTD	LTD	LTD	LTD
Garden Cove																							
Garden Cove	Arch Cove Pond	Jun 14, 2017	LTD	5.7	0.069	0.170	0.005	0.150	LTD	LTD	0.001	LTD	LTD	LTD	0.250	LTD	0.410	0.015	LTD	LTD	LTD	LTD	LTD
Gaskiers																							
Gaskiers-Point La Haye	Big Hare Hill Pond	Jun 20, 2017	LTD	3.8	LTD	0.150	LTD	0.034	LTD	LTD	0.006	LTD	LTD	LTD	LTD	LTD	2.600	0.006	LTD	LTD	LTD	LTD	LTD
Georgetown																							
Georgetown	Third Pond	Jun 13, 2017	LTD	2.9	0.120	0.120	LTD	0.100	LTD	LTD	0.005	0.00001	LTD	LTD	0.067	LTD	0.840	0.010	LTD	LTD	LTD	LTD	LTD
Gillams																							
Gillams	Meaters Pond	Jun 27, 2017	LTD	3.4	LTD	0.100	0.004	0.016	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	1.200	0.008	LTD	LTD	LTD	LTD	LTD
Glovertown																							
Glovertown	Northwest Pond	May 16, 2017	LTD	6.6	0.057	0.200	0.005	0.130	LTD	LTD	0.003	LTD	LTD	LTD	0.100	LTD	0.380	0.006	LTD	LTD	LTD	LTD	LTD
Goose Cove East																							
Goose Cove East	Jack's Pond	Jun 06, 2017	LTD	5.8	0.057	0.190	LTD	0.110	LTD	LTD	LTD	LTD	LTD	LTD	0.086	LTD	0.710	0.005	0.00002	LTD	LTD	LTD	LTD
Grand Falls-Windsor																							
Grand Falls-Windsor (+Bishop's Falls, +Wooddale, +Botwood, +Peterview)	Northern Arm Lake	Jun 08, 2017	LTD	4.4	LTD	0.160	LTD	0.093	LTD	LTD	0.002	LTD	LTD	LTD	0.100	LTD	0.280	0.024	LTD	LTD	LTD	LTD	LTD
Great Brehat																							
Great Brehat	Little Steady Pond	Jun 06, 2017	LTD	5.9	LTD	0.170	LTD	0.089	LTD	LTD	0.001	LTD	LTD	0.003	0.150	LTD	0.540	0.012	0.00002	LTD	LTD	LTD	LTD
Greenspond																							
Greenspond	Shambler's Cove Pond	May 31, 2017	LTD	7.6	0.084	0.180	0.010	0.290	LTD	LTD	0.002	0.00001	LTD	LTD	<u>0.380</u>	LTD	0.610	0.014	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)	Jun 07, 2017	LTD	3.4	LTD	LTD	LTD	0.090	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.560	0.010	LTD	LTD	LTD	LTD	LTD		
Harbour Main-Chapel's Cove-Lakeview																									
Harbour Main, Chapel's Cove, Lakeview	Maloney's River	Jun 13, 2017	LTD	3.1	LTD	0.170	LTD	0.025	LTD	LTD	0.004	LTD	LTD	LTD	0.064	LTD	0.740	0.015	LTD	LTD	LTD	LTD	LTD		
Heart's Content																									
Heart's Content	Southern Cove Pond	Jun 07, 2017	LTD	3.1	LTD	0.100	LTD	0.110	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.450	0.010	LTD	LTD	LTD	LTD	LTD		
Indian Bay																									
Indian Bay	Indian Bay Brook	May 31, 2017	LTD	5.3	LTD	0.130	LTD	0.086	LTD	LTD	0.002	LTD	LTD	LTD	0.160	LTD	0.450	0.017	LTD	LTD	LTD	LTD	LTD		
King's Point																									
King's Point	Bulley's Pond	Jun 21, 2017	LTD	3.8	LTD	LTD	0.006	0.140	LTD	LTD	0.003	0.00001	LTD	LTD	0.160	LTD	0.200	0.015	LTD	LTD	LTD	LTD	LTD		
Lawn																									
Lawn	Brazil Pond	May 30, 2017	LTD	4.5	LTD	0.150	LTD	0.066	LTD	LTD	0.002	LTD	LTD	LTD	0.170	LTD	0.440	0.026	LTD	LTD	LTD	LTD	LTD		
Lawn - PWDU	Brazil Pond	May 30, 2017	LTD	4.5	LTD	0.150	LTD	0.066	LTD	LTD	0.002	LTD	LTD	LTD	0.170	LTD	0.440	0.026	LTD	LTD	LTD	LTD	LTD		
Little Bay																									
Little Bay	First Pond	Jun 21, 2017	LTD	2.0	0.230	0.130	LTD	0.036	LTD	LTD	LTD	LTD	0.00310	LTD	0.086	LTD	0.980	0.002	LTD	LTD	LTD	LTD	LTD		
Little Burnt Bay																									
Little Burnt Bay	Troke's Cove Pond	Jun 12, 2017	LTD	5.0	LTD	0.150	LTD	0.058	LTD	LTD	0.001	LTD	LTD	LTD	0.072	LTD	0.790	0.017	LTD	LTD	LTD	LTD	LTD		
Little St. Lawrence																									
Little St. Lawrence	Butler's Brook (2 Intakes)	May 30, 2017	LTD	3.2	LTD	LTD	LTD	0.093	LTD	LTD	0.006	LTD	LTD	LTD	0.110	LTD	0.820	0.020	LTD	LTD	LTD	LTD	LTD		
Loon Bay																									
Loon Bay	Southeast Pond	Jun 13, 2017	LTD	5.0	LTD	0.190	0.005	0.048	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.540	0.010	LTD	LTD	LTD	LTD	LTD		
Lumsden																									
Lumsden	Gull Pond	May 30, 2017	LTD	9.3	LTD	0.170	0.007	0.250	LTD	LTD	LTD	LTD	LTD	LTD	<u>0.590</u>	LTD	0.310	0.008	LTD	LTD	LTD	LTD	LTD		
Main Brook																									
Main Brook	Joe Burt's Pond	Jun 05, 2017	LTD	4.3	LTD	0.160	LTD	0.025	LTD	LTD	0.004	LTD	LTD	LTD	0.064	LTD	2.500	0.026	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					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
Meadows																									
Meadows, Summerside West	Meaters Pond	Jun 27, 2017	LTD	3.7	LTD	0.110	0.004	0.017	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	1.200	0.010	0.00001	LTD	LTD	LTD	LTD		
Middle Arm																									
Middle Arm	Dam Pond Brook	Jun 19, 2017	LTD	6.0	0.063	0.130	LTD	0.160	LTD	LTD	0.001	LTD	LTD	LTD	0.099	LTD	0.250	0.007	0.00002	LTD	LTD	LTD	LTD		
Miles Cove																									
Miles Cove	Paddock's Pond	Jun 01, 2017	LTD	6.3	LTD	0.170	LTD	0.120	LTD	LTD	LTD	LTD	LTD	0.002	0.120	LTD	0.600	0.008	LTD	LTD	LTD	LTD	0.008		
Millertown																									
Millertown	Water Pond	Jun 07, 2017	LTD	5.9	LTD	0.260	0.006	0.083	LTD	LTD	0.013	LTD	LTD	LTD	0.073	LTD	0.290	0.007	LTD	LTD	LTD	LTD	LTD		
Morrisville																									
Morrisville	Morrisville Pond	May 31, 2017	LTD	3.8	LTD	0.130	LTD	0.046	LTD	LTD	0.002	LTD	LTD	LTD	0.091	LTD	1.100	0.018	LTD	LTD	LTD	LTD	0.006		
Musgrave Harbour																									
Musgrave Harbour	Rocky Pond	May 30, 2017	LTD	8.8	LTD	0.200	0.007	0.170	LTD	LTD	0.001	LTD	LTD	0.003	<u>0.590</u>	LTD	0.460	0.023	LTD	LTD	LTD	LTD	LTD		
Nameless Cove																									
Nameless Cove / Flower Cove	French Island Pond	Jun 07, 2017	LTD	4.3	LTD	0.140	LTD	0.015	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	8.600	0.004	0.00002	LTD	LTD	LTD	LTD		
New Perlican																									
New Perlican	New Perlican River	Jun 07, 2017	LTD	4.9	LTD	0.110	LTD	0.160	LTD	LTD	0.001	LTD	LTD	LTD	0.094	LTD	0.500	0.021	LTD	LTD	LTD	LTD	LTD		
Norman's Cove-Long Cove																									
Norman's Cove-Long Cove	John Newhooks Pond	May 24, 2017	LTD	3.3	LTD	LTD	LTD	0.079	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	0.530	0.008	LTD	LTD	LTD	LTD	LTD		
Northern Arm																									
Northern Arm	Northern Arm Lake	Jun 08, 2017	LTD	4.4	LTD	0.160	LTD	0.093	LTD	LTD	0.002	LTD	LTD	LTD	0.100	LTD	0.280	0.024	LTD	LTD	LTD	LTD	LTD		
Pacquet																									
Pacquet	Big Brook	Jun 23, 2017	LTD	6.1	0.053	0.110	0.007	0.260	LTD	LTD	LTD	LTD	LTD	LTD	0.140	LTD	0.240	0.012	LTD	LTD	LTD	0.0004	LTD		
Pacquet - PWDU	Big Brook	Jun 23, 2017	LTD	6.1	0.053	0.110	0.007	0.260	LTD	LTD	LTD	LTD	LTD	LTD	0.140	LTD	0.240	0.012	LTD	LTD	LTD	0.0004	LTD		
Pasadena																									
Pasadena	Blue Gulch Pond	Jun 13, 2017	LTD	4.1	LTD	0.100	LTD	0.120	LTD	LTD	0.005	0.00003	LTD	LTD	0.150	LTD	0.700	0.027	LTD	LTD	LTD	LTD	0.006		

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
Peterview																									
Peterview	Northern Arm Lake	Jun 08, 2017	LTD	4.4	LTD	0.160	LTD	0.093	LTD	LTD	0.002	LTD	LTD	LTD	0.100	LTD	0.280	0.024	LTD	LTD	LTD	LTD	LTD		
Petit Forte																									
Petit Forte	Reddy's Pond	May 31, 2017	LTD	5.2	0.054	0.180	LTD	0.180	LTD	LTD	0.004	0.00001	LTD	LTD	0.093	LTD	0.910	0.006	LTD	LTD	LTD	LTD	LTD		
Petty Harbour-Maddox Cove																									
Petty Harbour-Maddox Cove	Western Barrens Pond	Jun 30, 2017	LTD	2.7	LTD	0.160	LTD	0.150	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	0.410	0.009	LTD	LTD	LTD	LTD	LTD		
Placentia																									
Freshwater, Argentinia site	Clarkes Pond	Jun 13, 2017	LTD	4.2	LTD	0.130	LTD	0.056	LTD	LTD	0.011	LTD	LTD	LTD	LTD	LTD	1.400	0.013	LTD	LTD	LTD	LTD	LTD		
Pollards Point																									
Pollards Point, Country Cove	Country Cove Pond	Jun 20, 2017	LTD	4.7	LTD	0.230	0.013	0.054	LTD	0.002	0.042	LTD	LTD	LTD	0.120	LTD	0.620	0.025	LTD	LTD	LTD	LTD	LTD		
Pollards Point East	George Ricks Pond	Jun 20, 2017	LTD	6.5	0.056	0.130	0.008	0.170	LTD	LTD	0.019	LTD	LTD	LTD	0.160	LTD	0.280	0.014	LTD	LTD	LTD	LTD	LTD		
Pool's Cove																									
Pool's Cove	Widgeon Pond	May 30, 2017	LTD	3.2	LTD	0.120	LTD	0.083	LTD	LTD	0.002	LTD	LTD	LTD	0.100	LTD	1.200	0.008	LTD	LTD	LTD	0.0001	LTD		
Port au Choix																									
Port au Choix	Winterhouse Pond	Jun 29, 2017	LTD	4.5	LTD	0.140	LTD	0.014	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	8.500	0.004	0.00001	LTD	LTD	LTD	LTD		
Port au Choix - PWDU	Winterhouse Pond	Jun 29, 2017	LTD	4.5	LTD	0.140	LTD	0.014	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	8.500	0.004	0.00001	LTD	LTD	LTD	LTD		
Portugal Cove South																									
Portugal Cove South	Wrights Brook	Jun 20, 2017	LTD	1.3	0.051	LTD	0.005	0.040	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	1.000	0.002	LTD	LTD	LTD	LTD	LTD		
Pynn's Brook																									
Pynn's Brook	Pynn's Brook	Jun 22, 2017	LTD	2.7	0.052	0.120	0.005	0.020	LTD	LTD	0.034	LTD	LTD	LTD	LTD	LTD	2.100	0.012	LTD	LTD	LTD	0.0001	LTD		
Ramea																									
Ramea	Northwest Pond	Jun 28, 2017	LTD	4.7	0.080	0.150	0.008	0.150	LTD	LTD	0.007	0.00004	LTD	LTD	0.240	LTD	37.000	0.046	LTD	LTD	LTD	LTD	0.010		
Ramea - PWDU	Northwest Pond	Jun 28, 2017	LTD	4.7	0.080	0.150	0.008	0.150	LTD	LTD	0.007	0.00004	LTD	LTD	0.240	LTD	37.000	0.046	LTD	LTD	LTD	LTD	0.010		
Reidville																									



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	C	C	A	A	C		A	C	C	C	C	A
Reidville																									
Reidville	Humber Canal, Grand Lake	May 02, 2017	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
Reidville	Humber Canal, Grand Lake	Jun 12, 2017	LTD	3.5	0.140	LTD	LTD	0.072	LTD	LTD	0.006	LTD	LTD	LTD	LTD	LTD	0.760	0.005	LTD	LTD	LTD	LTD	0.010		
Sheaves Cove																									
Sheaves Cove	Unnamed Brook	Jun 07, 2017	LTD	1.4	0.190	0.130	LTD	0.018	LTD	LTD	0.016	LTD	LTD	LTD	LTD	LTD	6.100	0.008	LTD	LTD	LTD	0.0001	LTD		
Sop's Arm																									
Sop's Arm	Little Tickle Pond	Jun 12, 2017	LTD	7.8	LTD	0.140	0.004	0.210	LTD	LTD	0.013	LTD	LTD	LTD	LTD	0.120	LTD	0.700	0.016	LTD	LTD	LTD	LTD		
South Brook																									
South Brook	Next to Brook	May 31, 2017	0.058	4.8	LTD	0.140	LTD	0.095	LTD	LTD	0.003	LTD	LTD	LTD	0.100	LTD	0.330	0.008	LTD	LTD	LTD	LTD	0.007		
South Dildo																									
South Dildo	Broad Cove Pond	Jun 08, 2017	LTD	3.2	LTD	LTD	LTD	0.069	LTD	LTD	LTD	LTD	LTD	LTD	0.055	LTD	0.600	0.007	LTD	LTD	LTD	LTD	LTD		
Spaniard's Bay																									
Spaniard's Bay (+Upper Island Cove, + Bryant's Cove)	Kelly's Pond (Spider's Pond)	Jun 16, 2017	LTD	3.0	LTD	0.180	LTD	0.088	LTD	LTD	0.001	LTD	LTD	0.003	0.062	0.001	0.440	0.010	LTD	LTD	LTD	LTD	LTD		
St. Judes																									
St. Judes	Uncle Arthur Brook	Jun 22, 2017	LTD	4.4	LTD	0.160	0.005	0.051	LTD	LTD	0.026	LTD	LTD	LTD	LTD	LTD	2.900	0.023	LTD	LTD	LTD	0.0002	LTD		
St. Judes	Chute Brook	Jun 22, 2017	LTD	2.8	0.052	LTD	0.006	0.044	LTD	LTD	0.022	LTD	LTD	LTD	LTD	LTD	1.500	0.020	LTD	LTD	LTD	LTD	0.007		
St. Lawrence																									
St. Lawrence	St. Lawrence River	May 30, 2017	LTD	3.1	LTD	LTD	LTD	0.085	LTD	LTD	0.009	0.00001	LTD	LTD	0.210	LTD	0.470	0.024	LTD	LTD	LTD	0.0002	LTD		
St. Lawrence - PWDU	St. Lawrence River	May 30, 2017	LTD	3.1	LTD	LTD	LTD	0.085	LTD	LTD	0.009	0.00001	LTD	LTD	0.210	LTD	0.470	0.024	LTD	LTD	LTD	0.0002	LTD		
St. Lunaire-Griquet																									
St. Lunaire-Griquet	Joe's Pond	Jun 06, 2017	LTD	8.7	LTD	0.200	0.006	0.120	LTD	LTD	0.003	LTD	LTD	LTD	0.250	LTD	1.000	0.039	LTD	LTD	LTD	LTD	LTD		
Gunners Cove	Lookout Brook	Jun 06, 2017	LTD	8.9	LTD	0.200	LTD	0.170	LTD	LTD	0.003	LTD	LTD	LTD	0.170	LTD	0.900	0.012	0.00001	LTD	LTD	LTD	LTD		
St. Pauls																									
St. Pauls	Two Mile Pond	Jun 14, 2017	LTD	5.3	LTD	0.180	0.006	0.030	LTD	LTD	0.020	LTD	LTD	LTD	0.110	LTD	2.900	0.006	LTD	LTD	LTD	0.0001	0.008		

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 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	
Trinity																								
Trinity, T.B.	Indian Pond	Jun 12, 2017	LTD	5.0	0.056	0.150	LTD	0.250	LTD	LTD	0.002	LTD	LTD	LTD	0.140	LTD	0.370	0.028	LTD	LTD	LTD	LTD	LTD	
Trinity Bay North																								
Little Catalina	Whirl Pond	Jun 12, 2017	LTD	6.1	LTD	0.170	0.006	0.190	LTD	LTD	0.001	LTD	LTD	LTD	0.250	LTD	0.360	0.035	LTD	LTD	LTD	LTD	LTD	
Melrose	Whirl Pond	Jun 12, 2017	LTD	6.1	LTD	0.170	0.006	0.190	LTD	LTD	0.001	LTD	LTD	LTD	0.250	LTD	0.360	0.035	LTD	LTD	LTD	LTD	LTD	
Port Union, Catalina (+Little Catalina)	Whirl Pond	Jun 12, 2017	LTD	6.1	LTD	0.170	0.006	0.190	LTD	LTD	0.001	LTD	LTD	LTD	0.250	LTD	0.360	0.035	LTD	LTD	LTD	LTD	LTD	
Upper Island Cove																								
Upper Island Cove	Kelly's Pond (Spider's Pond)	Jun 16, 2017	LTD	3.0	LTD	0.180	LTD	0.088	LTD	LTD	0.001	LTD	LTD	0.003	0.062	0.001	0.440	0.010	LTD	LTD	LTD	LTD	LTD	
Whitbourne																								
Whitbourne	Hodges River	Jun 08, 2017	LTD	3.4	LTD	0.140	LTD	0.036	LTD	LTD	0.001	LTD	LTD	LTD	0.170	LTD	0.870	0.032	LTD	LTD	LTD	LTD	LTD	
Winterton																								
Winterton	Western Pond	Jun 07, 2017	LTD	3.8	LTD	LTD	LTD	0.097	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.580	0.010	LTD	LTD	LTD	LTD	LTD	
Wooddale																								
Wooddale	Northern Arm Lake	Jun 08, 2017	LTD	4.4	LTD	0.160	LTD	0.093	LTD	LTD	0.002	LTD	LTD	LTD	0.100	LTD	0.280	0.024	LTD	LTD	LTD	LTD	LTD	
Woody Point																								
Woody Point	Winterhouse Brook	Jun 06, 2017	LTD	1.1	0.110	LTD	LTD	0.020	LTD	LTD	0.004	LTD	0.00120	LTD	LTD	LTD	5.700	LTD	LTD	0.004	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

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