Newfoundland Labrador

Water Resources Management Division

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	Selinium	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		0.01	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
Anchor Point																							
Anchor Point	Well Cove Brook	Nov 02, 2022	LTD	7.0	0.053	0.280	0.006	0.017	LTD	LTD	0.005	LTD	LTD	LTD	0.120	LTD	16.000	0.009	LTD	LTD	LTD	LTD	LTD
Aquaforte																							
Aquaforte	Davies Pond	Dec 01, 2022	LTD	11.0	LTD	0.220	0.006	0.380	LTD	LTD	0.004	0.00001	LTD	LTD	**0.420**	LTD	0.720	0.016	LTD	LTD	LTD	LTD	LTD
Baie Verte																							
Baie Verte	Southern Arm Pond	Nov 23, 2022	0.050	7.1	0.054	LTD	LTD	0.100	LTD	LTD	0.003	LTD	LTD	0.052	LTD	0.001	0.540	0.004	LTD	LTD	LTD	LTD	0.020
Baine Harbour																							
Baine Harbour	Baine Harbour Pond	Nov 09, 2022	LTD	13.0	LTD	0.110	0.008	0.270	LTD	LTD	0.006	LTD	LTD	LTD	0.250	LTD	0.620	0.007	LTD	LTD	LTD	LTD	LTD
Bay L'Argent																							
Bay L'Argent	Sugarloaf Hill Pond	Nov 07, 2022	LTD	13.0	LTD	0.150	0.004	0.260	LTD	LTD	0.003	0.00001	LTD	LTD	0.220	LTD	0.760	0.015	LTD	LTD	LTD	LTD	LTD
Belleoram																							
Belleoram	Rabbits Pond	Nov 23, 2022	LTD	16.0	0.068	0.160	0.005	0.780	LTD	LTD	0.006	0.00002	0.00150	0.001	**0.400**	0.001	0.710	0.011	LTD	LTD	LTD	LTD	0.010
Black Tickle-Domino																							
Black Tickle-Domino - Outside Tap	Martin's Pond - Tap at Pumphouse	Nov 03, 2022	LTD	8.3	0.051	0.260	0.025	1.600	LTD	LTD	0.026	0.00005	0.00230	0.008	**4.100**	0.002	1.900	**0.035**	0.00004	LTD	LTD	0.0005	0.006
Black Tickle-Domino - PWDU	Martin's Pond - Tap at Pumphouse	Nov 03, 2022	LTD	8.3	0.051	0.260	0.025	1.600	LTD	LTD	0.026	0.00005	0.00230	0.008	**4.100**	0.002	1.900	**0.035**	0.00004	LTD	LTD	0.0005	0.006
Bonavista																							
Bonavista	Long Pond	Nov 29, 2022	LTD	5.9	LTD	0.180	0.004	0.076	LTD	LTD	0.002	0.00002	LTD	LTD	0.280	LTD	1.200	**0.041**	LTD	LTD	LTD	LTD	LTD
Burin																							
Burin (+Lewin's Cove)	Big Pond	Nov 09, 2022	0.061	5.6	LTD	LTD	0.005	0.096	LTD	LTD	0.013	LTD	0.00100	0.001	0.210	LTD	1.100	0.180	LTD	LTD	LTD	LTD	LTD
Burin	Long Pond	Nov 09, 2022	LTD	4.5	0.065	LTD	LTD	0.062	LTD	LTD	LTD	LTD	LTD	0.001	LTD	LTD	0.920	0.007	LTD	LTD	LTD	LTD	LTD
Port au Bras	Gripe Cove Pond	Nov 09, 2022	0.061	6.9	LTD	LTD	LTD	0.510	LTD	LTD	0.012	LTD	LTD	0.001	0.110	LTD	1.100	**0.096**	LTD	LTD	LTD	LTD	LTD
Burnt Islands																							
Burnt Islands	Long Lake	Nov 30, 2022	LTD	7.2	LTD	LTD	LTD	0.190	LTD	LTD	0.003	0.00002	LTD	0.002	0.180	0.001	0.810	**0.021**	LTD	LTD	LTD	LTD	LTD
Burnt Islands - PWDU	Long Lake	Nov 30, 2022	LTD	7.2	LTD	LTD	LTD	0.190	LTD	LTD	0.003	0.00002	LTD	0.002	0.180	0.001	0.810	**0.021**	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		0.01	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
Cape Freels North																							
Cape Freels North	Long Pond	Nov 08, 2022	LTD	10.0	0.060	0.640	0.004	0.230	LTD	LTD	0.002	0.00002	LTD	0.001	**1.300**	0.001	1.600	**0.022**	LTD	LTD	LTD	LTD	0.006
Castor River North																							
Castor River North	Long Pond (same as Bartletts Harbour)	Nov 03, 2022	0.061	6.0	LTD	0.140	0.004	0.006	LTD	LTD	0.005	LTD	LTD	LTD	LTD	LTD	13.000	0.007	LTD	LTD	LTD	LTD	LTD
Castor River South																							
Castor River South	Unnamed	Nov 03, 2022	0.050	2.6	0.120	LTD	LTD	0.008	LTD	LTD	0.026	LTD	LTD	LTD	LTD	LTD	23.000	LTD	LTD	LTD	LTD	0.0002	LTD
Change Islands																							
Change Islands fill up station	#1 Fox Cove Well	Nov 07, 2022	0.110	11.0	0.080	0.110	0.008	0.027	LTD	0.006	0.150	0.00010	LTD	0.110	0.110	**0.007**	17.000	0.450	LTD	LTD	LTD	0.0005	0.100
Change Islands - PWDU	#1 Fox Cove Well	Nov 07, 2022	0.110	11.0	0.080	0.110	0.008	0.027	LTD	0.006	0.150	0.00010	LTD	0.110	0.110	**0.007**	17.000	0.450	LTD	LTD	LTD	0.0005	0.100
Channel-Port aux Basques																							
Channel-Port Aux Basques	Gull Pond & Wilcox Pond	Nov 30, 2022	LTD	8.9	0.059	0.180	LTD	0.170	LTD	LTD	0.004	0.00002	LTD	0.020	0.220	0.001	1.500	0.009	LTD	LTD	LTD	LTD	0.020
Clarenville																							
Clarenville, Shoal Harbour	Shoal Harbour River	Nov 29, 2022	LTD	9.3	0.053	LTD	LTD	0.150	LTD	LTD	0.002	LTD	LTD	LTD	0.230	LTD	0.440	**0.029**	LTD	LTD	LTD	LTD	LTD
Colliers																							
Colliers	Bedlam Pond	Dec 08, 2022	LTD	5.2	0.067	0.140	LTD	0.057	LTD	LTD	0.001	LTD	LTD	LTD	0.130	LTD	0.590	0.014	LTD	LTD	LTD	LTD	LTD
Cook's Harbour																							
Cook's Harbour	Unnamed Pond	Nov 02, 2022	LTD	4.9	LTD	0.810	0.013	0.016	LTD	LTD	0.010	LTD	LTD	LTD	LTD	LTD	4.400	0.009	LTD	LTD	LTD	LTD	LTD
Cottlesville																							
Cottlesville	Rushy Cove Pond	Dec 09, 2022	LTD	15.0	LTD	0.170	0.005	0.150	LTD	LTD	0.013	LTD	LTD	LTD	0.270	LTD	1.600	**0.022**	LTD	LTD	LTD	LTD	0.008
Cottrell's Cove																							
Cottrell's Cove	Cottrell's Pond	Nov 29, 2022	LTD	6.5	LTD	0.180	LTD	0.009	LTD	LTD	0.008	LTD	LTD	0.001	LTD	LTD	2.500	0.004	LTD	LTD	LTD	LTD	LTD
Cox's Cove																							
Cox's Cove	Cox's Brook	Nov 10, 2022	LTD	4.6	0.081	LTD	LTD	0.038	LTD	LTD	0.003	LTD	LTD	0.001	0.080	LTD	1.500	0.012	LTD	LTD	LTD	LTD	LTD
Dildo																							
Dildo, Broad Cove (+South Dildo)	Broad Cove Pond	Nov 14, 2022	LTD	10.0	LTD	0.230	0.006	0.120	LTD	LTD	0.001	LTD	LTD	LTD	**0.410**	LTD	0.770	**0.045**	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		0.01	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
Dildo																							
Dildo, Broad Cove (+South Dildo)	Broad Cove Pond	Nov 14, 2022	LTD	9.6	LTD	0.210	0.004	0.130	LTD	LTD	0.001	LTD	LTD	LTD	**0.440**	LTD	0.780	**0.051**	LTD	LTD	LTD	LTD	LTD
Eddies Cove West																							
Eddies Cove West	Unnamed	Nov 03, 2022	0.053	9.5	LTD	0.160	0.005	0.012	LTD	LTD	0.005	LTD	LTD	LTD	0.180	LTD	12.000	0.012	LTD	LTD	LTD	LTD	LTD
Fermeuse																							
Fermeuse, Kingman's	Merrymeeting Pond, Bear Cove Pond (2 intakes)	Dec 01, 2022	LTD	4.9	LTD	LTD	LTD	0.086	LTD	LTD	0.002	LTD	LTD	LTD	0.058	LTD	0.900	0.009	LTD	LTD	LTD	LTD	LTD
Ferryland																							
Ferryland	Deep Cove Pond	Dec 01, 2022	LTD	11.0	LTD	0.190	LTD	0.290	LTD	LTD	0.003	0.00001	LTD	LTD	0.150	LTD	0.800	0.018	LTD	LTD	LTD	LTD	LTD
Fogo Island																							
Tilting	Sandy Cove Pond	Nov 30, 2022	LTD	23.0	0.320	0.370	0.010	0.470	LTD	LTD	0.018	0.00006	LTD	0.010	**1.200**	LTD	4.600	**0.045**	LTD	LTD	LTD	0.0003	0.013
Forteau																							
Forteau	Trout Brook	Oct 04, 2022	LTD	3.2	LTD	LTD	LTD	0.021	LTD	LTD	0.012	LTD	LTD	LTD	0.110	LTD	9.900	0.005	LTD	LTD	LTD	LTD	LTD
Francois																							
Francois	Our Pond	Nov 15, 2022	LTD	6.6	0.079	LTD	LTD	0.230	LTD	LTD	0.002	0.00002	0.00190	0.001	0.061	0.001	0.490	0.007	LTD	LTD	LTD	0.0009	0.008
Gallants																							
Gallants	Gallant's Brook	Dec 13, 2022	LTD	1.3	0.140	LTD	LTD	LTD	LTD	LTD	0.007	LTD	LTD	LTD	LTD	LTD	15.000	LTD	LTD	LTD	LTD	0.0001	LTD
Gambo																							
Gambo	Dark Cove Pond	Nov 08, 2022	LTD	5.1	LTD	0.760	LTD	0.063	LTD	LTD	0.002	LTD	LTD	0.001	0.160	LTD	0.520	**0.048**	LTD	LTD	LTD	LTD	LTD
Garnish																							
Garnish	Witchazel Pond	Nov 08, 2022	LTD	7.7	LTD	LTD	LTD	0.069	LTD	LTD	0.002	LTD	LTD	LTD	0.120	LTD	1.000	0.016	LTD	LTD	LTD	LTD	LTD
Gaultois																							
Gaultois	Piccaire Pond	Nov 28, 2022	LTD	28.0	LTD	0.130	0.006	0.790	LTD	LTD	0.003	0.00002	LTD	0.001	**0.770**	0.001	0.900	0.013	LTD	LTD	LTD	0.0001	LTD
Gaultois - PWDU	Piccaire Pond	Nov 28, 2022	LTD	28.0	LTD	0.130	0.006	0.790	LTD	LTD	0.003	0.00002	LTD	0.001	**0.770**	0.001	0.900	0.013	LTD	LTD	LTD	0.0001	LTD
Glovertown																							
Glovertown	Northwest Pond	Nov 28, 2022	LTD	7.2	0.053	LTD	LTD	0.120	LTD	LTD	0.003	LTD	LTD	LTD	0.068	LTD	0.420	0.005	LTD	LTD	LTD	0.0001	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		0.01	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
Goobies																							
Goobies	Water Pond	Nov 30, 2022	LTD	10.0	LTD	LTD	LTD	0.140	LTD	LTD	LTD	LTD	LTD	0.003	0.270	0.001	0.420	0.009	LTD	LTD	LTD	LTD	0.007
Grand Bank																							
Grand Bank (Backup Supply)	Grand Bank Brook (Backup Supply)	Nov 08, 2022	LTD	6.0	LTD	LTD	LTD	0.064	LTD	LTD	0.003	LTD	LTD	LTD	**0.560**	LTD	0.920	**0.100**	LTD	LTD	LTD	LTD	LTD
Green Island Brook																							
Green Island Brook	Green Island Brook	Nov 02, 2022	LTD	5.2	LTD	0.150	LTD	0.007	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	11.000	0.005	LTD	LTD	LTD	LTD	LTD
Greenspond																							
Greenspond	Shambler's Cove Pond	Nov 08, 2022	0.056	6.8	0.098	0.730	LTD	0.270	LTD	LTD	0.002	0.00001	LTD	0.001	0.300	LTD	0.770	0.015	LTD	LTD	LTD	0.0006	LTD
Harbour Breton																							
Harbour Breton	Connaigra Pond, Hutchings Pond	Nov 23, 2022	LTD	7.2	0.069	0.140	LTD	0.130	LTD	LTD	0.002	LTD	LTD	0.001	0.056	LTD	1.000	0.006	LTD	LTD	LTD	LTD	LTD
Hawke's Bay																							
Hawke's Bay	Torrent River	Nov 08, 2022	LTD	6.3	LTD	0.340	0.007	0.092	LTD	LTD	0.007	LTD	LTD	LTD	0.190	LTD	1.900	0.011	LTD	LTD	LTD	LTD	LTD
Heart's Content																							
Heart's Content	Southern Cove Pond	Nov 08, 2022	LTD	2.9	LTD	LTD	LTD	0.046	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.520	0.006	LTD	LTD	LTD	LTD	LTD
Herring Neck																							
Herring Neck, Hatchet Harbour, Salt Harbour, Shoal Cove, Sunnyside	Gut Pond	Dec 14, 2022	0.086	4.3	0.100	0.260	LTD	0.017	LTD	LTD	0.003	LTD	LTD	LTD	0.100	LTD	3.100	**0.045**	LTD	LTD	LTD	LTD	LTD
Indian Bay																							
Indian Bay	Indian Bay Brook	Nov 08, 2022	LTD	4.7	0.056	0.380	LTD	0.048	LTD	LTD	0.001	LTD	LTD	0.001	0.150	LTD	0.680	**0.022**	LTD	LTD	LTD	LTD	LTD
Irishtown-Summerside																							
Irishtown	Irishtown Brook	Nov 10, 2022	LTD	5.9	0.180	LTD	LTD	0.030	LTD	LTD	0.004	LTD	LTD	LTD	0.082	LTD	3.100	**0.053**	LTD	LTD	LTD	LTD	LTD
Summerside	Pynn's Pond	Nov 10, 2022	LTD	6.7	0.059	LTD	LTD	0.082	LTD	LTD	0.003	LTD	LTD	0.001	0.170	LTD	0.820	0.018	LTD	LTD	LTD	LTD	LTD
Isle aux Morts																							
Isle aux Morts	Burnt Ground Pond	Nov 30, 2022	LTD	6.0	LTD	LTD	LTD	0.120	LTD	LTD	0.003	0.00003	LTD	0.004	0.130	0.002	1.200	0.006	0.00002	LTD	LTD	LTD	0.050
Isle aux Morts - PWDU	Burnt Ground Pond	Nov 30, 2022	LTD	6.0	LTD	LTD	LTD	0.120	LTD	LTD	0.003	0.00003	LTD	0.004	0.130	0.002	1.200	0.006	0.00002	LTD	LTD	LTD	0.050

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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		0.01	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
Jackson's Arm																							
Jackson's Arm	Unnamed Brook	Nov 01, 2022	0.078	7.8	LTD	0.110	LTD	0.069	LTD	LTD	0.015	LTD	LTD	LTD	0.160	LTD	0.620	**0.032**	LTD	LTD	LTD	LTD	LTD
Jackson's Arm - PWDU	Unnamed Brook	Nov 01, 2022	0.078	7.8	LTD	0.110	LTD	0.069	LTD	LTD	0.015	LTD	LTD	LTD	0.160	LTD	0.620	**0.032**	LTD	LTD	LTD	LTD	LTD
L'Anse au Clair																							
L'Anse au Clair	Park Pond	Oct 04, 2022	0.057	2.9	LTD	0.100	0.005	0.014	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	7.300	0.009	LTD	LTD	LTD	LTD	LTD
La Poile																							
La Poile	Black Duck Pond	Dec 20, 2022	LTD	10.0	LTD	0.150	0.007	0.200	LTD	LTD	0.002	0.00002	LTD	0.033	0.260	0.001	0.890	0.017	LTD	LTD	LTD	0.0001	0.011
Leading Tickles																							
Leading Tickles	Cook's Pond	Nov 29, 2022	LTD	9.7	LTD	0.220	0.010	0.170	LTD	LTD	0.003	LTD	LTD	0.001	**0.420**	LTD	1.300	**0.076**	LTD	LTD	LTD	LTD	0.006
Leading Tickles - PWDU	Cook's Pond	Nov 29, 2022	LTD	9.7	LTD	0.220	0.010	0.170	LTD	LTD	0.003	LTD	LTD	0.001	**0.420**	LTD	1.300	**0.076**	LTD	LTD	LTD	LTD	0.006
Lewin's Cove																							
Lewin's Cove	Big Pond	Nov 09, 2022	0.061	5.6	LTD	LTD	0.005	0.096	LTD	LTD	0.013	LTD	0.00100	0.001	0.210	LTD	1.100	0.180	LTD	LTD	LTD	LTD	LTD
Lewisporte																							
Lewisporte	Stanhope Pond	Nov 15, 2022	LTD	6.7	LTD	0.180	0.004	0.023	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	1.100	0.005	LTD	LTD	LTD	LTD	0.010
Loon Bay																							
Loon Bay	Southeast Pond	Dec 09, 2022	LTD	5.7	0.070	0.170	LTD	0.021	LTD	LTD	0.001	LTD	LTD	LTD	LTD	LTD	0.810	0.006	LTD	LTD	LTD	LTD	LTD
Lumsden																							
Lumsden	Gull Pond	Nov 08, 2022	LTD	11.0	LTD	0.730	0.015	0.500	LTD	LTD	0.002	LTD	LTD	LTD	**2.400**	0.001	0.850	0.009	LTD	LTD	LTD	0.0001	LTD
Mainland																							
Mainland	Cointres Brook (Backup Supply)	Nov 24, 2022	LTD	3.4	0.320	LTD	LTD	0.077	LTD	LTD	0.030	LTD	LTD	0.001	0.082	LTD	8.100	LTD	LTD	LTD	LTD	0.0002	LTD
Marystown																							
Marystown	Fox Hill Reservoir / Clam Pond	Nov 09, 2022	LTD	6.3	LTD	LTD	LTD	0.056	LTD	LTD	0.006	LTD	LTD	LTD	0.110	LTD	0.820	**0.031**	LTD	LTD	LTD	LTD	LTD
McIvers																							
McIvers	McIvers Brook	Nov 09, 2022	LTD	3.6	0.072	0.250	LTD	0.014	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	2.100	0.006	LTD	LTD	LTD	LTD	LTD
Musgrave Harbour																							

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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	Selinium	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		0.01	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
Musgrave Harbour																							
Musgrave Harbour	Rocky Pond	Nov 08, 2022	LTD	9.5	LTD	0.730	0.006	0.160	LTD	LTD	0.001	LTD	0.00130	0.002	**0.870**	LTD	0.950	**0.027**	LTD	LTD	LTD	0.0001	LTD
New Perlican																							
New Perlican	New Perlican River	Nov 03, 2022	LTD	3.9	LTD	LTD	0.005	0.130	LTD	LTD	0.002	0.00002	LTD	LTD	0.130	LTD	0.650	0.220	LTD	LTD	LTD	LTD	LTD
Norman's Cove-Long Cove																							
Norman's Cove-Long Cove	John Newhooks Pond	Nov 22, 2022	LTD	4.8	LTD	0.890	LTD	0.077	LTD	LTD	0.005	LTD	LTD	0.001	0.070	LTD	0.590	0.008	LTD	LTD	LTD	LTD	LTD
North Harbour																							
North Harbour	Grandfather's Pond	Nov 30, 2022	LTD	9.8	LTD	LTD	0.004	0.230	LTD	LTD	0.003	0.00001	LTD	LTD	**0.520**	LTD	0.550	**0.038**	LTD	LTD	LTD	LTD	LTD
Petty Harbour-Maddox Cove																							
Petty Harbour-Maddox Cove	Western Barrens Pond	Dec 01, 2022	LTD	4.6	LTD	LTD	LTD	0.160	LTD	LTD	0.003	LTD	LTD	LTD	0.053	LTD	0.470	0.010	LTD	LTD	LTD	LTD	LTD
Piccadilly Head																							
Piccadilly Head (+West Bay)	Unnamed Brook	Nov 29, 2022	LTD	11.0	LTD	LTD	LTD	0.120	LTD	LTD	0.032	LTD	LTD	LTD	0.130	LTD	4.100	0.005	LTD	LTD	LTD	LTD	LTD
Pidgeon Cove-St. Barbe																							
Pigeon Cove - St. Barbe	Long Pond	Nov 02, 2022	LTD	8.2	LTD	0.350	0.009	0.010	LTD	LTD	0.002	LTD	LTD	LTD	0.050	LTD	12.000	0.006	LTD	LTD	LTD	LTD	LTD
Placentia																							
Freshwater, Argentia site, Dunville	Clarkes Pond	Nov 18, 2022	LTD	9.0	LTD	0.270	0.005	0.087	LTD	LTD	0.010	LTD	LTD	0.001	0.110	LTD	1.200	0.016	LTD	LTD	LTD	LTD	LTD
Point May																							
Point May	Short's Pond	Nov 08, 2022	0.052	14.0	LTD	0.110	0.006	0.110	LTD	LTD	0.002	LTD	LTD	LTD	**0.860**	LTD	0.890	**0.081**	LTD	LTD	LTD	LTD	LTD
Point May - PWDU	Short's Pond	Nov 08, 2022	0.052	14.0	LTD	0.110	0.006	0.110	LTD	LTD	0.002	LTD	LTD	LTD	**0.860**	LTD	0.890	**0.081**	LTD	LTD	LTD	LTD	LTD
Port Albert																							
Port Albert	Beaverton Pond	Dec 13, 2022	LTD	9.7	0.380	0.260	LTD	0.026	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	1.500	**0.025**	LTD	LTD	LTD	LTD	0.015
Port Blandford																							
Port Blandford	Noseworthy's Pond	Nov 30, 2022	LTD	5.5	LTD	0.100	LTD	0.090	LTD	LTD	0.002	LTD	LTD	0.001	0.059	LTD	0.610	**0.026**	LTD	LTD	LTD	LTD	LTD
Port Hope Simpson																							
Port Hope Simpson	Arnold's Brook and Pond	Oct 04, 2022	LTD	9.1	LTD	0.100	LTD	0.280	LTD	LTD	0.005	LTD	LTD	0.001	**0.310**	LTD	0.330	0.011	LTD	LTD	LTD	LTD	LTD

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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	Selinium	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		0.01	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
Port Saunders																							
Port Saunders	Tom Taylor's Pond	Nov 08, 2022	LTD	6.3	LTD	0.320	LTD	0.010	LTD	LTD	0.008	LTD	LTD	LTD	0.057	LTD	11.000	0.018	LTD	LTD	LTD	LTD	LTD
Port Saunders - PWDU	Tom Taylor's Pond	Nov 08, 2022	LTD	6.3	LTD	0.320	LTD	0.010	LTD	LTD	0.008	LTD	LTD	LTD	0.057	LTD	11.000	0.018	LTD	LTD	LTD	LTD	LTD
Port au Port West-Aguathuna-Felix Cove																							
Port au Port West	Jim Rowe's Brook	Nov 29, 2022	LTD	11.0	LTD	LTD	LTD	0.056	LTD	LTD	0.022	LTD	LTD	LTD	0.160	LTD	7.800	0.014	LTD	LTD	LTD	LTD	LTD
Purcell's Harbour																							
Purcell's Harbour	Purcell's Harbour Pond	Dec 14, 2022	LTD	12.0	LTD	0.250	0.005	0.180	LTD	LTD	0.002	0.00001	LTD	0.001	0.230	LTD	1.200	**0.042**	LTD	LTD	LTD	LTD	LTD
Rattling Brook																							
Rattling Brook	Mark's Pond Brook	Nov 16, 2022	LTD	6.3	0.050	LTD	0.004	0.180	LTD	LTD	0.001	0.00001	LTD	LTD	0.200	LTD	0.390	0.018	LTD	LTD	LTD	0.0001	LTD
Red Bay																							
Red Bay	Northern Brook	Oct 04, 2022	0.050	5.3	LTD	0.110	0.008	0.160	LTD	LTD	0.009	LTD	LTD	LTD	**0.370**	LTD	0.370	0.006	LTD	LTD	LTD	LTD	LTD
Roddickton-Bide Arm																							
Bide Arm	First Clay Cove Pond	Nov 01, 2022	LTD	4.9	LTD	0.150	0.004	0.006	LTD	LTD	0.002	LTD	LTD	0.004	LTD	LTD	8.300	0.009	LTD	LTD	LTD	LTD	LTD
South Dildo																							
South Dildo	Broad Cove Pond	Nov 14, 2022	LTD	10.0	LTD	0.230	0.006	0.120	LTD	LTD	0.001	LTD	LTD	LTD	**0.410**	LTD	0.770	**0.045**	LTD	LTD	LTD	LTD	LTD
South Dildo	Broad Cove Pond	Nov 14, 2022	LTD	9.6	LTD	0.210	0.004	0.130	LTD	LTD	0.001	LTD	LTD	LTD	**0.440**	LTD	0.780	**0.051**	LTD	LTD	LTD	LTD	LTD
St. Lewis																							
St. Lewis	Tub Harbour Pond	Oct 04, 2022	LTD	12.0	LTD	0.150	0.009	0.350	LTD	LTD	0.011	LTD	LTD	0.001	**0.690**	LTD	1.100	0.019	LTD	LTD	LTD	0.0001	LTD
St. Shott's																							
St. Shott's	Unnamed Pond	Nov 03, 2022	LTD	4.1	LTD	LTD	LTD	0.093	LTD	LTD	0.004	LTD	LTD	LTD	0.120	LTD	1.600	0.005	LTD	0.003	LTD	LTD	LTD
Stoneville																							
Stoneville	Dog Bay Pond Brook	Dec 13, 2022	LTD	11.0	0.180	0.250	LTD	0.080	LTD	LTD	0.004	LTD	LTD	0.001	0.220	LTD	1.300	**0.042**	LTD	LTD	LTD	LTD	LTD
Summerford																							
Summerford (+Cottlesville)	Rushy Cove Pond	Dec 09, 2022	LTD	15.0	LTD	0.170	0.005	0.150	LTD	LTD	0.013	LTD	LTD	LTD	0.270	LTD	1.600	**0.022**	LTD	LTD	LTD	LTD	0.008
Sunnyside (T.B.)																							

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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	Selinium	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		0.01	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
Sunnyside (T.B.)																							
Sunnyside	Center Cove River	Nov 25, 2022	LTD	10.0	LTD	LTD	0.006	0.210	LTD	LTD	0.006	LTD	LTD	LTD	0.230	LTD	0.500	**0.023**	LTD	LTD	LTD	LTD	LTD
Terrenceville																							
Terrenceville	Big Brook	Nov 07, 2022	LTD	5.4	0.055	LTD	LTD	0.150	LTD	LTD	0.006	LTD	LTD	LTD	0.130	LTD	0.440	0.011	LTD	LTD	LTD	LTD	LTD
Trepassey																							
Trepassey	Miller's Pond	Nov 03, 2022	LTD	12.0	LTD	0.150	0.008	0.420	LTD	LTD	0.004	0.00001	LTD	0.001	**0.680**	LTD	0.890	**0.043**	LTD	LTD	LTD	LTD	LTD
Twillingate																							
Twillingate	Wild Cove Pond	Dec 14, 2022	LTD	7.7	0.060	0.220	0.005	0.074	LTD	LTD	0.003	LTD	LTD	0.003	0.160	LTD	1.800	0.006	0.00002	LTD	LTD	LTD	LTD
West Bay																							
West Bay	Unnamed Brook	Nov 29, 2022	LTD	11.0	LTD	LTD	LTD	0.120	LTD	LTD	0.032	LTD	LTD	LTD	0.130	LTD	4.100	0.005	LTD	LTD	LTD	LTD	LTD
Whitbourne																							
Whitbourne	Hodges River	Nov 18, 2022	LTD	7.5	LTD	0.200	LTD	0.065	LTD	LTD	0.001	LTD	LTD	0.001	0.140	LTD	0.870	0.017	LTD	LTD	LTD	LTD	LTD
Winterton																							
Winterton	Western Pond	Nov 08, 2022	LTD	4.1	LTD	0.110	LTD	0.033	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.620	0.006	LTD	LTD	LTD	LTD	LTD

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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	Selinium	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		0.01	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

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 0.01 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.

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 0.3 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.

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