

Source Water Quality for Public Water Supplies in Newfoundland and Labrador - Additional Parameters

Community Name	Serviced Area	Source Name	Sample Date	Strontium	Nitrate	Nitrite	TOC
				Units	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality				7	10	1	
Anchor Point	Anchor Point	Well Cove Brook	Aug 12, 2025	0.02	LTD	LTD	8.40
Appleton	Appleton (+Glenwood)	Gander Lake (The Outflow)	Aug 27, 2025	0.01	0.09	LTD	6.50
Aquaforte	Aquaforte	Davies Pond	Aug 12, 2025	0.00	LTD	LTD	5.50
Baie Verte	Baie Verte	Southern Arm Pond	Sep 29, 2025	0.01	LTD	LTD	6.50
Bay L'Argent	Bay L'Argent	Sugarloaf Hill Pond	Sep 11, 2025	0.01	0.08	LTD	6.50
Belleoram	Belleoram	Rabbits Pond	Aug 26, 2025	0.00	LTD	LTD	8.00
Bird Cove	Bird Cove (+Brig Bay)	Inner Gilmour Pond	Aug 13, 2025	0.02	LTD	LTD	11.00
Black Tickle-Domino	Black Tickle-Domino - Outside Tap	Martin's Pond - Tap at Pumphouse	Sep 05, 2025	0.01	LTD	LTD	7.50
Black Tickle-Domino	Black Tickle-Domino - PWDU	Martin's Pond - Tap at Pumphouse	Sep 05, 2025	0.01	LTD	LTD	7.50
Bonavista	Bonavista	Long Pond	Sep 17, 2025	0.01	LTD	LTD	3.60
Brent's Cove	Brent's Cove	Paddy's Pond	Aug 06, 2025	0.01	LTD	LTD	11.00
Brig Bay	Brig Bay	Inner Gilmour Pond	Aug 13, 2025	0.02	LTD	LTD	11.00
Buchans Junction	Buchans Junction	Lapland Pond	Aug 25, 2025	0.01	LTD	LTD	7.20
Burin	Burin (+Lewin's Cove)	Big Pond	Sep 10, 2025	0.01	LTD	LTD	4.80
Burin	Port au Bras	Gripe Cove Pond	Sep 10, 2025	0.02	LTD	LTD	4.10
Burin	Burin	Long Pond	Sep 10, 2025	0.01	LTD	LTD	4.20
Burlington	Burlington	Eastern Island Pond	Sep 29, 2025	0.01	LTD	LTD	7.80
Burnt Islands	Burnt Islands	Long Lake	Sep 09, 2025	0.00	0.06	LTD	8.00
Burnt Islands	Burnt Islands - PWDU	Long Lake	Sep 09, 2025	0.00	0.06	LTD	8.00
Cape Freels North	Cape Freels North	Long Pond	Aug 27, 2025	0.01	LTD	LTD	14.00
Castor River North	Castor River North	Long Pond (same as Bartletts Harbour)	Aug 13, 2025	0.02	LTD	LTD	7.50
Channel-Port aux Basques	Channel-Port Aux Basques	Gull Pond & Wilcox Pond	Sep 09, 2025	0.01	0.09	LTD	16.00
Clareville	Clareville, Shoal Harbour	Shoal Harbour River	Aug 20, 2025	0.02	LTD	LTD	3.90
Colliers	Colliers	Bedlam Pond	Aug 25, 2025	0.00	LTD	LTD	3.60
Cook's Harbour	Cook's Harbour	Unnamed Pond	Aug 12, 2025	0.07	LTD	LTD	5.10
Cottlesville	Cottlesville	Rushy Cove Pond	Aug 12, 2025	0.03	LTD	LTD	10.00
Cottrell's Cove	Cottrell's Cove	Cottrell's Pond	Aug 11, 2025	0.03	LTD	LTD	6.30
Cow Head	Cow Head	Short Cat Path Pond	Sep 11, 2025	0.03	LTD	LTD	17.00
Cow Head	Cow Head - PWDU	Short Cat Path Pond	Sep 11, 2025	0.03	LTD	LTD	17.00
Cox's Cove	Cox's Cove	Cox's Brook	Sep 17, 2025	0.03	LTD	LTD	4.80
Deep Bight	Deep Bight	Deep Bight River	Aug 20, 2025	0.02	0.13	LTD	2.80
Dildo	Dildo, Broad Cove (+South Dildo)	Broad Cove Pond	Sep 25, 2025	0.01	LTD	LTD	4.10

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Eddies Cove West	Eddies Cove West	Unnamed	Aug 13, 2025	0.03	0.10	LTD	6.60
Fermeuse	Fermeuse, Kingman's	Merrymeeting Pond, Bear Cove Pond (2 intakes)	Aug 12, 2025	0.01	LTD	LTD	3.10
Fleur de Lys	Fleur De Lys	First Pond, Narrow Pond	Aug 06, 2025	0.01	LTD	LTD	9.20
Fogo Island	Tilting	Sandy Cove Pond	Sep 17, 2025	0.01	LTD	LTD	8.30
Forteau	Forteau	Trout Brook	Aug 19, 2025	0.03	LTD	LTD	3.60
Francois	Francois	Our Pond	Aug 26, 2025	0.00	0.07	LTD	6.10
Gallants	Gallants	Gallant's Brook	Sep 18, 2025	0.05	0.14	LTD	0.98
Gambo	Gambo	Dark Cove Pond	Aug 19, 2025	0.02	LTD	LTD	6.00
Garnish	Garnish	Witchazel Pond	Sep 11, 2025	0.01	LTD	LTD	6.40
Gaultois	Gaultois	Piccaire Pond	Sep 09, 2025	0.01	0.08	LTD	22.00
Gaultois	Gaultois - PWDU	Piccaire Pond	Sep 09, 2025	0.01	0.08	LTD	22.00
Georgetown	Georgetown	Third Pond	Aug 25, 2025	0.01	LTD	LTD	3.90
Glenwood	Glenwood	Gander Lake (The Outflow)	Aug 27, 2025	0.01	0.09	LTD	6.50
Glovertown	Glovertown	Northwest Pond	Sep 16, 2025	0.01	LTD	LTD	6.90
Goobies	Goobies	Water Pond	Aug 21, 2025	0.00	LTD	LTD	6.40
Grand Bank	Grand Bank (Backup Supply)	Grand Bank Brook (Backup Supply)	Aug 14, 2025	0.03	LTD	LTD	4.60
Greenspond	Greenspond	Shambler's Cove Pond	Aug 19, 2025	0.01	LTD	LTD	7.20
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Spring Gulch	Aug 07, 2025	0.02	LTD	LTD	1.10
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.07	LTD	LTD	2.60
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.05	LTD	LTD	1.60
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.05	LTD	LTD	1.30
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.10	LTD	LTD	0.77
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.05	LTD	LTD	0.97
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Well Field (connect summer 2002)	Aug 06, 2025	0.05	LTD	LTD	0.90
Harbour Breton	Harbour Breton	Connaigra Pond, Hutchings Pond	Aug 20, 2025	0.02	0.06	LTD	6.70
Hawke's Bay	Hawke's Bay	Torrent River	Sep 03, 2025	0.02	LTD	LTD	6.20
Heart's Content	Heart's Content	Southern Cove Pond	Sep 23, 2025	0.00	LTD	LTD	3.70
Herring Neck	Herring Neck, Hatchet Harbour, Salt Harbour, Shoal Cove, Sunnyside	Gut Pond	Aug 13, 2025	0.02	LTD	LTD	7.80
Hughes Brook	Hughes Brook	Reservoir	Sep 22, 2025	0.03	0.21	LTD	1.70
Indian Bay	Indian Bay	Indian Bay Brook	Aug 19, 2025	0.01	LTD	LTD	4.70
Irishtown-Summerside	Irishtown	Irishtown Brook	Sep 18, 2025	0.04	0.18	LTD	4.20

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Guidelines for Canadian Drinking Water Quality				7	10	1	
Irishtown-Summerside	Summerside	Pynn's Pond	Sep 18, 2025	0.02	LTD	LTD	6.70
Jackson's Arm	Jackson's Arm	Unnamed Brook	Sep 16, 2025	0.03	0.05	LTD	4.90
Jackson's Arm	Jackson's Arm - PWDU	Unnamed Brook	Sep 16, 2025	0.03	0.05	LTD	4.90
L'Anse au Clair	L'Anse au Clair	Park Pond	Aug 19, 2025	0.03	LTD	LTD	3.30
Leading Ticks	Leading Ticks	Cook's Pond	Aug 11, 2025	0.02	LTD	LTD	7.90
Leading Ticks	Leading Ticks - PWDU	Cook's Pond	Aug 11, 2025	0.02	LTD	LTD	7.90
Lewin's Cove	Lewin's Cove	Big Pond	Sep 10, 2025	0.01	LTD	LTD	4.80
Lewisporte	Lewisporte	Stanhope Pond	Sep 16, 2025	0.02	LTD	LTD	7.50
Long Harbour-Mount Arlington Heights	Long Harbour-Mount Arlington Heights	Shingle Pond and/or Trout Pond (2 Intakes)	Sep 23, 2025	0.02	LTD	LTD	7.90
Loon Bay	Loon Bay	Southeast Pond	Aug 12, 2025	0.02	0.08	LTD	6.00
Lumsden	Lumsden	Gull Pond	Aug 27, 2025	0.00	LTD	LTD	12.00
Marystown	Marystown	Fox Hill Reservoir / Clam Pond	Sep 11, 2025	0.01	LTD	LTD	5.20
McIvers	McIvers	McIvers Brook	Sep 17, 2025	0.06	0.09	LTD	4.10
New Perlican	New Perlican	New Perlican River	Sep 23, 2025	0.01	LTD	LTD	3.60
Nippers Harbour	Nippers Harbour	Blackhead Pond Brook	Aug 06, 2025	0.01	LTD	LTD	4.60
Norman's Cove-Long Cove	Norman's Cove-Long Cove	John Newhooks Pond	Aug 20, 2025	0.01	LTD	LTD	3.70
North Harbour	North Harbour	Grandfather's Pond	Aug 21, 2025	0.00	LTD	LTD	6.00
North West River	North West River	Wellfield (Well # 1 & Well # 2)	Aug 06, 2025	0.08	LTD	LTD	LTD
North West River	North West River	Wellfield (Well # 1 & Well # 2)	Aug 06, 2025	0.20	LTD	0.03	LTD
Parson's Pond	Parson's Pond	Cold Brook	Sep 11, 2025	0.15	1.20	LTD	1.70
Petty Harbour-Maddox Cove	Petty Harbour-Maddox Cove	Western Barrens Pond	Sep 26, 2025	0.00	LTD	LTD	3.30
Pigeon Cove-St. Barbe	Pigeon Cove - St. Barbe	Long Pond	Aug 12, 2025	0.01	LTD	LTD	9.70
Placentia	Freshwater, Argentinia site, Dunville	Clarkes Pond	Aug 21, 2025	0.02	LTD	LTD	5.50
Point May	Point May	Short's Pond	Sep 09, 2025	0.01	LTD	LTD	11.00
Point May	Point May - PWDU	Short's Pond	Sep 09, 2025	0.01	LTD	LTD	11.00
Port Albert	Port Albert	Beaverton Pond	Sep 16, 2025	0.02	LTD	LTD	11.00
Port Hope Simpson	Port Hope Simpson	Arnold's Brook and Pond	Aug 19, 2025	0.01	0.06	LTD	15.00
Port Saunders	Port Saunders	Tom Taylor's Pond	Sep 03, 2025	0.02	LTD	LTD	7.60
Port Saunders	Port Saunders - PWDU	Tom Taylor's Pond	Sep 03, 2025	0.02	LTD	LTD	7.60
Port au Port West-Aguathuna-Felix Cove	Port au Port West	Jim Rowe's Brook	Sep 22, 2025	0.20	LTD	LTD	5.00
Purcell's Harbour	Purcell's Harbour	Purcell's Harbour Pond	Aug 13, 2025	0.01	LTD	LTD	16.00
Rattling Brook	Rattling Brook	Mark's Pond Brook	Sep 04, 2025	0.00	0.13	LTD	3.50

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				Units mg/L Guidelines for Canadian Drinking Water Quality 7	mg/L 10	mg/L 1	mg/L
Red Bay	Red Bay	Northern Brook	Aug 19, 2025	0.01	LTD	LTD	6.40
Roddickton-Bide Arm	Bide Arm	First Clay Cove Pond	Aug 11, 2025	0.03	LTD	LTD	5.10
Sheshatshiu	Sheshatshui - Indian Band Council	Wells 1, 2 & 3	Aug 06, 2025	0.28	0.16	0.04	1.80
Sheshatshiu	Sheshatshui - Indian Band Council	Wells 1, 2 & 3	Aug 06, 2025	0.15	0.17	LTD	0.83
Sheshatshiu	Sheshatshui - Indian Band Council	Wells 1, 2 & 3	Aug 06, 2025	0.08	0.19	LTD	0.61
Smith's Harbour	Smith's Harbour	Fleshetts Brook	Sep 29, 2025	0.01	LTD	LTD	7.80
South Dildo	South Dildo	Broad Cove Pond	Sep 25, 2025	0.01	LTD	LTD	4.10
St. Lewis	St. Lewis	Tub Harbour Pond	Aug 19, 2025	0.01	LTD	LTD	20.00
St. Mary's	St. Mary's	Wellfield	Jul 22, 2025	0.11	LTD	LTD	LTD
St. Mary's	St. Mary's	Wellfield	Jul 22, 2025	0.19	LTD	LTD	LTD
St. Mary's	St. Mary's	Wellfield	Jul 22, 2025	0.09	LTD	LTD	LTD
St. Shott's	St. Shott's	Unnamed Pond	Aug 11, 2025	0.01	LTD	LTD	2.80
Stoneville	Stoneville	Dog Bay Pond Brook	Sep 16, 2025	0.01	LTD	LTD	6.30
Summerford	Summerford (+Cottlesville)	Rushy Cove Pond	Aug 12, 2025	0.03	LTD	LTD	10.00
Sunnyside (T.B.)	Sunnyside	Center Cove River	Sep 22, 2025	0.01	LTD	LTD	6.90
Terrenceville	Terrenceville	Big Brook	Sep 11, 2025	0.01	LTD	LTD	4.70
Trepassey	Trepassey	Miller's Pond	Aug 11, 2025	0.01	LTD	LTD	5.20
Twillingate	Twillingate	Wild Cove Pond	Aug 13, 2025	0.01	0.07	LTD	7.00
West St. Modeste	West St. Modeste	Well Field	Jul 09, 2025	0.08	LTD	LTD	4.30
Whitbourne	Whitbourne	Hodges River	Aug 06, 2025	0.01	LTD	LTD	5.20
Winterton	Winterton	Western Pond	Sep 23, 2025	0.01	0.06	LTD	2.80

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			Guidelines for Canadian Drinking Water Quality	7	10	1	

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.

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

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.

Contaminant Exceedances

Strontium: The maximum acceptable concentration for strontium is 7.0 mg/L. Strontium may enter drinking water from naturally occurring deposits or as a result of human activity, such as mining or other industries. High levels of this contaminant can cause adverse health effects for some people.

Nitrate: The maximum acceptable concentration for nitrate is 10 mg/L as nitrate-nitrogen. Nitrate is a naturally occurring ion that is widespread in the environment. High levels of this contaminant can cause adverse health effects for some people.

Nitrite: The maximum acceptable concentration for nitrite is 1 mg/L as nitrite-nitrogen. Nitrite is a naturally occurring ion that is widespread in the environment. High levels of this contaminant can cause adverse health effects for some people.

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.

mg/L = milligrams per litre or parts per million TOC = total organic carbon