

## Tap 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	
Bay Roberts	Bay Roberts	Rocky Pond	Mar 13, 2023	0.01	0.05	LTD	1.80
Bay St. George South	Highlands	#3 Brian Pumphrey Well Highlands	Mar 07, 2023	3.20	LTD	LTD	LTD
Birchy Bay	Birchy Bay	Jumper's Pond	Feb 07, 2023	0.02	0.19	LTD	11.00
Brent's Cove	Brent's Cove	Paddy's Pond	Mar 14, 2023	0.02	LTD	LTD	21.00
Centreville-Wareham-Trinity	Trinity	Southwest Feeder Pond	Feb 22, 2023	0.01	LTD	LTD	6.80
Change Islands	Change Islands - PWDU	#1 Fox Cove Well	Feb 28, 2023	LTD	LTD	LTD	LTD
Channel-Port aux Basques	Channel-Port Aux Basques	Gull Pond & Wilcox Pond	Feb 08, 2023	0.01	LTD	LTD	1.10
Clarenville	Clarenville, Shoal Harbour	Shoal Harbour River	Feb 23, 2023	0.01	0.10	LTD	1.90
Conception Bay South	Conception Bay South	Bay Bulls Big Pond	Feb 27, 2023	0.01	0.07	LTD	1.80
Corner Brook	Corner Brook (+Massey Drive, +Mount Moriah)	Trout Pond, Third Pond (2 intakes)	Mar 13, 2023	0.01	0.09	LTD	0.96
Deep Bight	Deep Bight	Deep Bight River	Mar 07, 2023	0.01	0.07	LTD	6.00
Ferryland	Ferryland	Deep Cove Pond	Jan 17, 2023	0.01	LTD	LTD	1.80
Fleur de Lys	Fleur De Lys	First Pond, Narrow Pond	Mar 08, 2023	0.01	LTD	LTD	15.00
Fox Roost-Margaree	Fox Roost-Margaree - PWDU	Drilled Well and Margaree Pond	Feb 08, 2023	LTD	LTD	LTD	LTD
Freshwater	Freshwater (Carbonear)	#3 Well - Wallace Snow Well	Feb 13, 2023	0.13	1.70	LTD	LTD
Gander	Gander	Gander Lake	Mar 01, 2023	0.01	0.18	LTD	6.20
Gander Bay South	George's Point, Harris Point	Barry's Brook	Mar 01, 2023	0.01	0.20	0.01	11.00
Gander Bay South	Gander Bay South - PWDU	Barry's Brook	Mar 01, 2023	LTD	LTD	LTD	LTD
Georgetown	Georgetown	Third Pond	Feb 17, 2023	0.01	0.16	LTD	4.30
Grand Falls-Windsor	Grand Falls-Windsor (+Bishop's Falls, +Wooddale, +Botwood, +Peterview)	Northern Arm Lake	Jan 24, 2023	0.01	LTD	LTD	2.60
Grates Cove	Grates Cove Centre	#1C Well	Jan 25, 2023	0.09	LTD	LTD	0.59
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Spring Gulch	Mar 03, 2023	0.02	LTD	LTD	LTD
Happy Valley-Goose Bay	Happy Valley-Goose Bay	Well Field (connect summer 2002)	Mar 03, 2023	0.04	LTD	LTD	LTD
Harbour Grace	Thickett	#2 Thicket New Well	Mar 13, 2023	0.07	0.32	LTD	LTD
Harbour Grace	Harbour Grace South Upper	Southside Wellfield (Well #1 & #2)	Jan 20, 2023	0.11	LTD	LTD	0.66
Heart's Content	Heart's Content	Southern Cove Pond	Jan 31, 2023	0.00	LTD	LTD	4.50
Humber Arm South	Frenchman's Cove Area	Gurges Pond	Jan 31, 2023	0.05	LTD	LTD	3.50
King's Point	King's Point	Bulley's Pond	Feb 14, 2023	0.01	LTD	0.16	5.30
Labrador City	Labrador City	Beverly Lake	Feb 21, 2023	0.02	0.06	LTD	1.90
Lewisporte	Lewisporte	Stanhope Pond	Jan 31, 2023	0.02	0.10	LTD	8.70

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Marystown	Marystown	Fox Hill Reservoir / Clam Pond	Feb 27, 2023	0.01	0.06	LTD	1.80
Mount Pearl	Mount Pearl	Bay Bulls Big Pond	Feb 28, 2023	0.01	0.10	LTD	1.90
Norris Arm	Norris Arm (south)	Mill Lake	Jan 31, 2023	0.01	LTD	LTD	3.90
Paradise	Paradise	Bay Bulls Big Pond	Feb 27, 2023	0.01	0.06	LTD	1.90
Point of Bay	Point of Bay	Indian Cove Pond	Jan 25, 2023	0.02	0.07	LTD	7.00
Port Blandford	Port Blandford	Noseworthy's Pond	Feb 23, 2023	0.02	0.09	LTD	7.50
Port au Choix	Port au Choix	Well Field	Mar 02, 2023	0.05	LTD	LTD	5.50
Port au Port West-Aguathuna-Felix Cove	Port au Port West, Aguathuna	#1 & #3 & #6 FatherJoy's Well	Feb 06, 2023	0.41	0.08	LTD	1.90
Portugal Cove-St. Phillips	Portugal Cove-St. Phillips	Bay Bulls Big Pond	Feb 28, 2023	0.01	0.10	LTD	1.50
Pouch Cove	Pouch Cove	North Three Island Pond	Mar 02, 2023	0.00	LTD	0.01	0.59
Ramea	Ramea	Northwest Pond	Mar 12, 2023	0.06	0.09	0.01	2.80
Ramea	Ramea - PWDU	Northwest Pond	Mar 12, 2023	0.03	0.10	LTD	LTD
Reidville	Reidville	Humber Canal, Grand Lake	Mar 13, 2023	0.02	0.14	LTD	3.30
Salvage	Salvage	Wild Cove Pond	Mar 07, 2023	0.02	0.06	LTD	13.00
Small Point-Adam's Cove-Blackhead-Broad Cove	Adam's Cove	#1 Well - Reg Burse Well	Feb 13, 2023	0.29	0.27	LTD	0.64
Small Point-Adam's Cove-Blackhead-Broad Cove	Broad Cove	#6 Well - Herb Trickett Well	Feb 13, 2023	0.50	0.19	LTD	0.85
Small Point-Adam's Cove-Blackhead-Broad Cove	Small Point	#8 Well - Effie Flight Wells	Feb 13, 2023	0.22	1.60	LTD	LTD
Small Point-Adam's Cove-Blackhead-Broad Cove	Small Point	#9 Well - Walter Reynolds Well	Feb 13, 2023	0.10	1.70	LTD	LTD
St. Anthony	St. Anthony	St. Anthony Pond	Feb 28, 2023	0.01	0.09	LTD	5.60
St. John's	St. John's (+Mt. Pearl, +Paradise, +Portugal Cove-St. Phillips, +CBS)	Bay Bulls Big Pond	Feb 28, 2023	0.01	0.10	LTD	1.10
St. John's	St. John's	Petty Harbour Long Pond	Mar 02, 2023	0.01	LTD	LTD	1.90
St. John's	St. John's	Windsor Lake	Mar 02, 2023	0.01	LTD	LTD	2.10
St. Pauls	St. Pauls	Two Mile Pond	Feb 13, 2023	0.04	0.09	LTD	7.80
Steady Brook	Steady Brook	Wellfield + Steady Brook	Feb 01, 2023	0.01	0.05	LTD	7.60
Stephenville	Stephenville	Well Field	Feb 07, 2023	0.15	0.17	LTD	LTD
Stephenville	Stephenville	Well Field	Feb 22, 2023	0.14	0.21	LTD	LTD
Stephenville	Stephenville	Well Field	Feb 22, 2023	0.13	0.20	0.01	LTD
Stephenville	Stephenville	Well Field	Feb 22, 2023	0.14	0.21	LTD	LTD
Sunnyside (T.B.)	Sunnyside	Center Cove River	Jan 26, 2023	0.01	LTD	LTD	7.20
Terrenceville	Terrenceville	Big Brook	Feb 27, 2023	0.00	0.06	LTD	4.60
Wabana	Wabana - PWDU	#3 Yard West Mines Road	Mar 07, 2023	LTD	LTD	LTD	LTD
Wabana	Wabana	Mixed Supplies	Mar 07, 2023	0.42	LTD	LTD	1.70

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Wabana	Wabana	Mixed Supplies	Mar 07, 2023	0.42	LTD	LTD	1.60
Wabana	Wabana	Mixed Supplies	Mar 07, 2023	0.42	LTD	0.01	1.70

Tap water samples are collected semi annually from drinking water faucets of one or more homes, public buildings, or businesses in your community. Tap or treated water quality is monitored to check its compliance with the Guidelines for Canadian Drinking Water Quality (GCDWQ). Tap water quality is also monitored so that water that is being consumed at the tap can be compared with the untreated source water quality. Any variations between source and tap water quality represents the effectiveness of the treatment and disinfection system, and the influences of the distribution system due to plumbing in local homes, public buildings, or businesses. The values for each parameter are as reported by the lab and verified by the department.

This report for tap 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 GCDWQ. Guidelines have not been developed for all the parameters listed in this report.

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

**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