

TOWN OF HARRINGTON BAY ANNUAL DRINKING WATER QUALITY REPORT - 2025

This report summarizes the quality of the municipal drinking water supplied to approximately 1,340 connections in the Town of Harrington Bay during the 2025 calendar year. It is prepared under the Province of Prince Edward Island Drinking Water and Wastewater Facility Operating Regulations and is available free of charge at the town office and on the town website.

OUR WATER SOURCE

Harrington Bay draws its water from two groundwater wells, Miller Creek Well No. 3 and the Ridge Road well, both drilled into the confined sandstone aquifer. Water is treated by disinfection with sodium hypochlorite and by pH adjustment. The system does not fluoridate. Average daily production in 2025 was 1,180 cubic metres.

MICROBIOLOGICAL RESULTS

The utility collected 104 bacteriological samples across the distribution system in 2025. All 104 samples were free of total coliforms and E. coli, meeting the Guidelines for Canadian Drinking Water Quality standard of zero detectable organisms per 100 millilitres. No boil water advisories were issued during the year.

CHEMICAL AND PHYSICAL RESULTS

Free chlorine residual averaged 0.62 milligrams per litre, within the target range of 0.2 to 1.0. Nitrate measured 3.1 milligrams per litre, well below the maximum acceptable concentration of 10. Lead at the tap, tested at twenty homes under the reduced sampling schedule, showed a ninetieth percentile of 2.4 micrograms per litre, below the 5 microgram Health Canada guideline. Sodium averaged 34 milligrams per litre; residents on sodium-restricted diets should note this value. Water hardness averaged 142 milligrams per litre as calcium carbonate, considered moderately hard.

LEAD AND YOUR HOME

While our source water and mains contain no lead, some older homes may have lead solder or fixtures. Running your tap for two minutes after periods of non-use flushes standing water. The town offers a free lead-line inspection to any homeowner on request.

CROSS CONNECTION AND FLUSHING

The distribution system was unidirectionally flushed each spring and fall to remove sediment and maintain chlorine residual. Residents may notice temporary discoloured water during flushing, which is not a health concern and clears with cold running water.

QUESTIONS

For questions about your water quality, contact the Utilities Superintendent at the town

office. To report a water main break or discoloured water, call the 24 hour line .