



MAINTENANCE WATER SHORTAGE



A **MAINTENANCE** issue water shortage is caused by a failure in the system that results in partial or complete loss of water. Examples of maintenance issues that may cause a water shortage include:

- infrastructure leaks or failures
- leaks in the water supply dam
- ice or sediment blocking the water intake

Taking Action:

How do I prepare?

- Upgrade aging infrastructure
- Keep replacement parts for key infrastructure (e.g., pumps, valves)
- Inspect infrastructure to detect problems before failure
- Clean reservoir of sediment
- Install frazil ice system on intake (e.g., air purge, heat trace)
- Use alternative drinking water source during construction around intake
- Monitor water level in surface water source

How do I respond during the water shortage?

- Identify cause and implement corrective measures
- Contact your engineering consultant or equipment supplier for assistance to acquire parts/equipment
- Contact appropriate government contacts
- Reach out to neighboring communities for assistance

Who do I contact?

- Water Resources Management Division (WRMD)
 - waterandsewer@gov.nl.ca
- Transportation and Infrastructure - Municipal Infrastructure Branch
 - Regional Engineer - <https://www.gov.nl.ca/ti/mi/contact/#ro>
- Digital Government and Service NL
 - servicenlinfo@gov.nl.ca
- Engineering Consultant
- Equipment Supplier

Where can I find out more?

Water Conservation: <https://www.gov.nl.ca/ecc/waterres/waste/water-conservation/>

Emergency Alternative Sources of Drinking Water: <https://www.gov.nl.ca/ecc/files/waterres-quality-drinkingwater-pdf-mae-flooding-and-drinking-water.pdf>

 (709) 729-2563

 water@gov.nl.ca

 <https://www.gov.nl.ca/ecc/waterres/>





MAINTENANCE WATER SHORTAGE



Emergency Preparedness

Plan ahead to prepare for a water shortage:

- Check long-range forecasts for the summer
- Identify emergency water sources and obtain approval in advance
- Have materials ready- sandbags, appropriate hoses and pumps (NSF certified)
- Start water conservation programs early
- Have an emergency preparedness plan that includes water shortage

How to Communicate with the Public?

It is important to communicate with residents that may be affected by a drinking water shortage. Let those affected know about:

- What is causing the shortage
- What they can do to help (e.g., conservation measures)
- What is being done
- Any emergency information
- Communicating with the public can be done using:
 - Community website
 - Radio
 - Social Media
 - Telephone and email notification services
 - Brochures in the mail
 - Posters in public buildings (e.g., Post Office)

Where can I find out more?

Water Conservation: <https://www.gov.nl.ca/ecc/waterres/waste/water-conservation/>

Emergency Alternative Sources of Drinking Water: <https://www.gov.nl.ca/ecc/files/waterres-quality-drinkingwater-pdf-mae-flooding-and-drinking-water.pdf>

 (709) 729-2563

 water@gov.nl.ca

 <https://www.gov.nl.ca/ecc/waterres/>

