

Source Water Protection

Water is a renewable resource; however, there are limits to its quality and quantity.

The Lawrencetown Water Utility is committed to protecting our source water supplies by managing the activity that threatens the ecosystems where we get our life giving water. Protecting source water makes good sense for public health, economic prosperity and environmental integrity.

What are we doing about Source Water Protection?

The Lawrencetown Water Utility is very active in implementing a multi-barrier approach with three lines of defense to protect your tap water.

We are working with local Source Water Protection Advisory Committees to prepare a management plan for our well systems and surrounding well fields, as well as the larger surface watersheds.

The success of this multi-barrier approach relies on the involvement and vigilance of us all: government, business, landowners, public interest groups & individual citizens.

- **Keeping Clean Water Clean** - We select the highest quality sources of water and protect these sources from pollution.
- **Making It Safe** - We disinfect water to ensure safe drinking water.
- **Proving It Is Safe** - We consistently monitor water quality and take swift, corrective action when deficiencies are identified.

Our Vision

To be a Utility that earns the confidence of its customers, embraces modern technology and management practices to provide the best quality service and value to its customers, and applies conscientious stewardship of water resources for today and the future.

Our Mission

To provide the highest quality water in sufficient quantity on an equitable and reliable basis to all customers.

Committed to Quality

The Lawrencetown Water Utility provides safe reliable service to approximately 800 customers, around the clock, 365 days a year.

We have constructed and continue to maintain and manage a water treatment plant, a storage tank reservoir, an open reservoir, 3 pumping stations, approximately 25 kms of water lines, 44 fire hydrants, 350 water meters and hundreds of valves. The Lawrencetown Water Utility water rates are approved by the Nova Scotia Utility and Review Board and are based on the actual cost to treat and distribute water daily.

Source of Supply: Production Well #1 delivers approximately 7,000 gallons per day.

Source of Supply: Production Well #3 delivers approximately 43,000 gallons per day.

Source of Supply: Production Well #2 is maintained as a back-up.

Tap Water is a Bargain!

- **Bottled Water:** \$1.59/litre
- **Tap Water:** \$.00097/litre

For the price of a single 1 litre bottle of water, you receive approximately 1,500 litres of tap water.



THE SCIENCE BEHIND YOUR TAP WATER

Have you ever wondered how often your tap water is tested?

Our system is continuously monitored for water volume, temperature, PH, clarity and chlorine residual. On a **weekly** basis samples are lab tested for total coliform and E.coli and on a **quarterly** basis testing is completed for other water chemistry. Also, a broader range of lab testing for metals, pesticides and other contaminants is conducted every 2 and 5 years.

TAP WATER DELIVERS

- Public Health
- Sanitation
- Fire Protection
- Recreation
- Quality of Life

WATER CONSERVATION

Besides saving money, conserving water can help preserve Lawrencetown's natural sources.

Here are 10 simple steps to help conserve this precious resource:

Saving Water Outdoors

1. It is common for lawns to be discolored (brownish) during stretches of hot sunny weather. There is no need to water your lawn on a continuous basis. Discolored grass isn't actually dead, and the next rainfall will help bring your lawn back to its full green colour.
2. Rain barrels are a great way to make use of rain water to water your lawn and plants.
3. Raise your lawn mower blade to its highest setting to encourage grass roots to grow deeper and grass blades to retain moisture for longer periods of time.
4. Buy a nozzle for your hose to control the flow of water. Check hoses, sprinklers and outdoor faucets for leaks.

Dude, you are wasting our precious water!



Saving Water Indoors

5. Don't leave a tap running to prevent pipes from freezing. Protect plumbing with heat tape or insulate your crawl space or basement.
6. Read your water meter before and after a two-hour period when no water is being used. If the readings are different you may have a leak. (Note that most household water leaks are due to a running toilet.) Please report any leaks to the Village Office.
7. Reduce water consumption by adding aerators to faucets, replace washers on dripping faucets and repair leaky hot water taps immediately to avoid paying extras on water and heating bills.
8. Replace older toilets with new low flow toilets. New toilets use 6 litres or less of water as compared to the old toilets using 18 - 24 litres. A running toilet can cost the unsuspecting customer hundreds of dollars. You can test for running toilets by putting food colouring in the tank and without flushing, if the food colouring seeps into the bowl, the toilet needs to be repaired or replaced.
9. Run automatic dishwashers using full loads and set clothes washers to the appropriate level for the size of the load you are washing.
10. Install low-flow showerheads around your home. Low-flow showerheads use only 10 litres of water per minute compared to 30 litres per minute for older showerheads.

Public Water Supply

Please help keep it **clean!**

Keep an eye open for signs and help protect our valuable water.



Village of Lawrencetown

PO Box 38
12 Prince St.
Lawrencetown, NS
B0S 1M0

Phone: 902-584-3082

Fax: 902-584-3878

E-mail: villagelawrencetown@ns.alintzinc.ca

Website: www.lawrencetownnovascotia.ca

