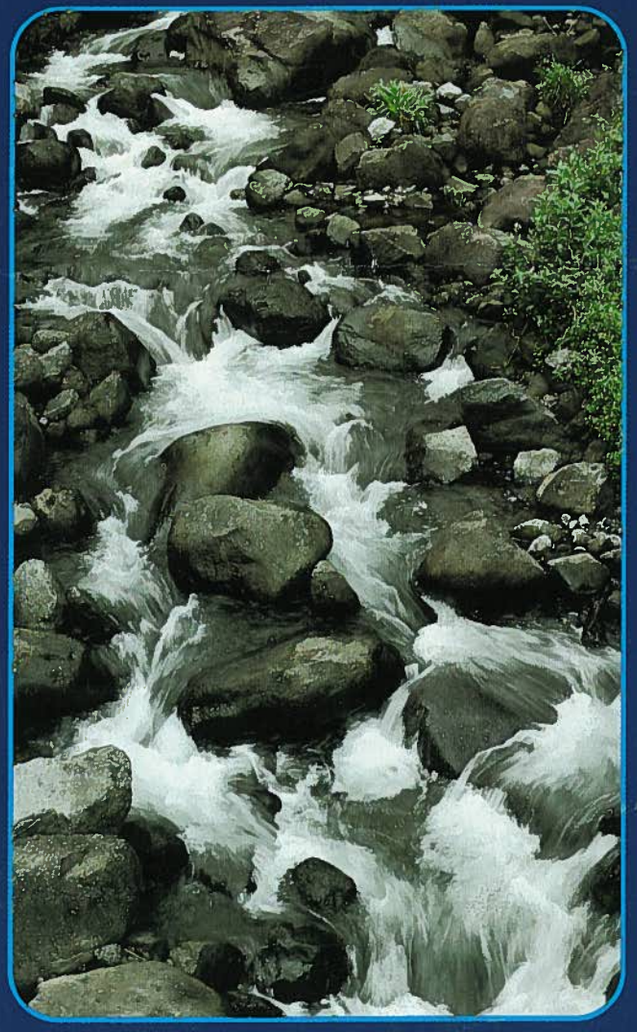
Lunenburg Waste Water Treatment Plant

- SITE OVERVIEW
- WATER CONSERVATION TIPS



The Town of Lunenburg prides itself in being a leader in environmentally responsible practices. Through efforts in recycling and composting, the residential, commercial and industrial sectors in the Town have set a positive example for other communities. The addition of the Waste Water Treatment Plant, and other pollution prevention programs will provide Lunenburg residents with a healthier harbour and a healthier community!

What can you do to help?

Do not dispose of paints, stains, solvents and any other hazardous material down drains or toilets.

- Dispose of these materials at your local Household Hazardous Waste Depot.
- Use non-toxic alternatives to household cleaners, drain openers and insecticides.

Do not put litter or trash down your toilets.

How can you conserve water?

Your bathroom facilities claim 75% of the water used in your household.

- Do not leave your faucet running unnecessarily.
- Replace your shower-head with a low-flow version.
- Repair dripping faucets and leaking toilets.
- Avoid flushing the toilet unnecessarily and use toilet dams.

Why should you conserve water?

- To save money on your power bills by using less energy to heat water.
- To save money on your water bills as less water will have to be pumped by the utility.
- To save water resources for future generations and be environmentally responsible.
- Reduce the volume of waste water, which has to be pumped and processed at treatment plants.

How can you save water outdoors?

- Use a broom to clean your driveway, instead of a hose.
- Do your outdoor watering in the evening or early morning.
- Check outdoor hoses and faucets for leaks.
- Use a spray nozzle on your hose so water doesn't flow continuously.

Welcome to the Lunenburg Waste Water Treatment Plant

Site Overview

At the right you will see an overview of the Lunenburg Waste Water Treatment Plant. The Aeration Building is located on the top and the Main Building located at the bottom. This simplified diagram gives a sense of how waste water flows through various components within the plant.

1 Headworks

First point where waste water enters the plant and solids are separated from the waste water.

2 Aeration Building

Air is added to the waste water to stimulate biological growth.

3 Blower Room

Air needed for the different stages of the treatment process is generated in this room.

4 Chemical Room

Chemicals are mixed here and added to the process when necessary.

5 Process Room

The final stages where the remaining solids are removed and the waste water is disinfected before exiting the plant.

6 Laboratory

Water is tested at various stages during the treatment process and before it is released to the environment.