

Drinking Water Quantity

Source Protection

The Source Protection Program framework focuses on ensuring that clean and abundant municipal drinking water is widely available now and in the future.

The *Clean Water Act* evaluates water **quantity** and water **quality** threats that may impact drinking water sources.

Water Quantity Risk Assessment

Source Protection Planning begins with assessing drinking water systems and their ability to meet current and future needs. The technical framework for evaluating water quantity is outlined by the Ministry of the Environment, Conservation and Parks (MECP).

Water Quantity Risk Assessments evaluate:

- How much water is available
- How much water is being used currently
- Increases in development and population
- How much is needed to meet future uses
- Available water in the event of a drought
- Assign risk levels to each system based on a variety of scenarios



Plan Policies

The Sudbury Source Protection Plan includes three policies to manage potential water quantity threats.

- **Water Quantity Action Plan:** The City of Greater Sudbury will develop a plan to ensure that threats to water quantity are adequately managed through operational procedures, water main leak detection and education and outreach.
- **Official Plan (OP) Considerations:** The City of Greater Sudbury's OP will ensure water needs can be met before expanding settlement boundaries.
- **Permits to Take Water:** The MECP will ensure new permits issued do not impact the water supply.

Did you know?

The City of Greater Sudbury's Outdoor Watering By-Law helps protect our drinking water sources from overuse in summer months