

How will the Source Protection Plan affect activities on my property?

Residents

Area: Brockville Intake Protection Zone 1

Water Source: St. Lawrence River

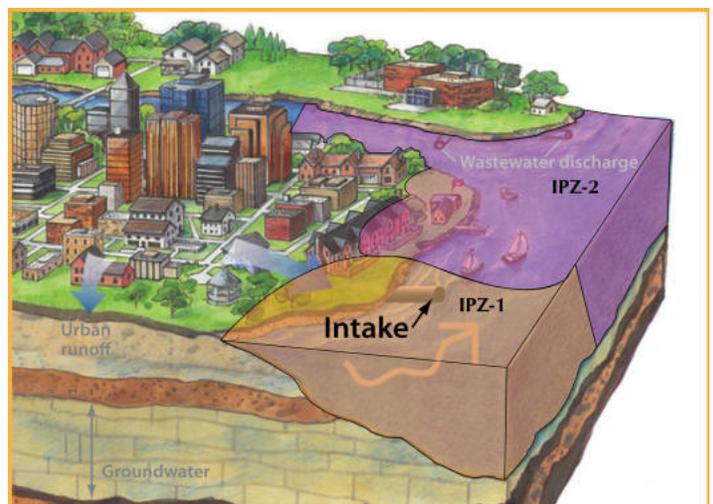
Why is source protection important?

Source water protection means protecting our sources of drinking water such as lakes, rivers and groundwater from being contaminated or overused. Source water protection is important because water treatment is not always enough and some chemicals are not removed from water, even with a water treatment system. In some cases when the pollution cannot be cleaned up, the resulting contamination can ruin a water source forever. It is much easier to keep water clean than it is to try and clean it up after it has been polluted. Protecting drinking water sources can also benefit tourism and recreation, as well as providing good fish and wildlife habitat. Further details about the benefits of source protection can be found on the clean water cataraqui website at www.cleanwatercataraqui.ca.

What is an Intake Protection Zone?

An Intake Protection Zone (IPZ) is the land and water around municipal drinking water intakes (i.e. the St. Lawrence River) where actions must or should be taken to protect the drinking water supply.

Intake Protection Zone One (IPZ-1) is one of two zones that form a complete IPZ. IPZ-1 is the immediate area surrounding the intake pipe in the river or lake that brings water into the drinking water treatment plant. It is particularly important to prevent pollution in IPZ-1 because there is little time to react and little distance for any pollution to dissipate before reaching the intake pipe.



What can you do?

Everyone in Brockville IPZ-1 can help protect the drinking water supply. You can:

- Dispose of waste properly
- Maintain a natural shoreline with a vegetative buffer
- Avoid or limit the use of chemicals such as fertilizer, pesticides, and road salt
- Maintain fuel oil tanks and lines
- Maintain wells and upgrade as necessary
- Hire a licensed well contractor to properly plug unused wells

If you would like to learn more about how you can help protect your drinking water, check out these websites:

- **Green Communities Canada**
 - [Waste management](#)
- **Rideau Valley Conservation Authority**
 - [Benefits of a natural shoreline graphic](#)
 - [Natural shoreline fact sheet](#)
- **Canadian Oil Heat Association**
 - [Heating your home with oil](#)
- **Smart About Salt Website**
 - [Winter salt management information](#)
- **Well Aware**
 - [How to be well aware](#)
- **Cataraqui Region Conservation Authority**
 - [Private wells](#)
 - [Septic Systems](#)
- **Ontario Groundwater Association**
 - [Information for well owners/operators](#)
- **Ontario Pesticide Education Program**
 - [Learn more about pesticide safety and training](#)

The Cataraqui Source Protection Plan might apply to you if you:

- Store hazardous waste
- Have a septic system or holding tank



Great care should be taken when handling and storing hazardous waste. Spills or leaks could contaminate our drinking water sources.



Septic systems that are in good working order help reduce the risk of drinking water contamination, both to your water supply and your neighbour's.

Specific requirements that apply to residents in Brockville IPZ-1:

Risk Management Plans in Brockville IPZ-1

A risk management plan is **required** for these existing/planned activities in IPZ-1:

- Storage of hazardous waste at a business

A **risk management plan** addresses certain activities that have the potential to harm the quality of water that may be used as a drinking water source. A risk management plan is negotiated between the person responsible for the activity and the designated Risk Management Official. The plan is to recognize good practices already in place to reduce the risk to source water and, if necessary, to include other practices to fill gaps in management and minimize the risks posed to the drinking water supply. If a plan is required for your property, the Risk Management Official will contact you to help develop a risk management plan for your activity.

If you have a septic system or holding tank in Brockville IPZ-1

On-going maintenance of a septic system or holding tank, or repair of an unsafe system, is necessary to ensure proper function and prevent pollution. Owners/operators of a septic system/holding tank are responsible for maintaining their septic system/holding tank. The City of Brockville **may establish** an on-site sewage system maintenance inspection program in Brockville IPZ-1.

Would you like to learn more about the Source Protection Plan?

The information included in this fact sheet is a summary only. For complete details, view the [Source Protection Plan](#) or contact staff at the Cataraqui Source Protection Authority.

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