

Risk Management Plans

Protecting municipal drinking water in the City of Ottawa

Required under Section 58 of the Ontario *Clean Water Act*

The Ontario *Clean Water Act* was created primarily to protect sources of municipal drinking water by preventing contaminants from getting into the rivers, lakes and groundwater aquifers that supply municipal drinking water systems.

Source Protection Plans contain the policies to protect local drinking water sources; they call on governments, industry, businesses and individuals to take action to protect local, shared sources of drinking water. The City of Ottawa encompasses two Source Protection Plans; the *Mississippi-Rideau Source Protection Plan* and the *Raisin-South Nation Source Protection Plan*.

Risk Management Plans are one of the requirements of the *Source Protection Plans*. Risk Management Plans are only required for certain activities taking place on properties that are close to a municipal well or close to a river upstream of a water treatment plant.

What is a Risk Management Plan?

A Risk Management Plan is a document that outlines what measures are in place to reduce or eliminate the risk that a certain activity will contaminate municipal drinking water.

- The plan focuses on prevention — it allows activities that are important to residents and business owners to carry on within vulnerable drinking water areas while at the same time ensuring the municipal drinking water source is protected
- The plan is site-specific – it is customized to suit the nature of the property, activity or business and can address multiple activities if necessary
- The plan includes and accounts for measures that are already in place – some people will only need to document what they are already doing to protect drinking water



How is a Risk Management Plan Created?

The Risk Management Inspector or Official (similar to a Building Inspector or Official) works with the person engaging in the activity to decide what should be in the Risk Management Plan.

- The process provides opportunity for discussion, flexibility and agreement
- The person engaging in the activity receives recognition of previous efforts and good stewardship actions
- The Risk Management Official receives formal assurance that effective measures to protect the drinking water source are and will continue to be in place

Do I need a Risk Management Plan?

You may need a Risk Management Plan if you are located in a Wellhead Protection Area or Intake Protection Zone (see maps below) and you are or will be:

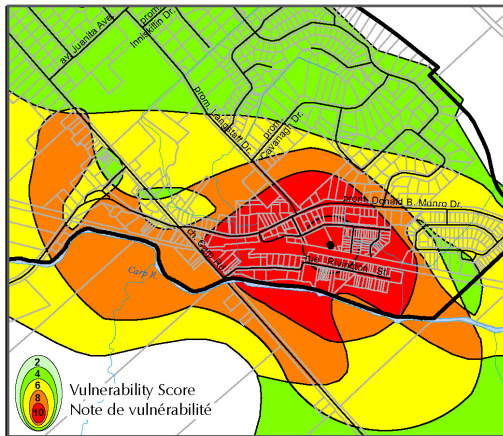
- Keeping livestock
- Spreading or storing nutrients such as manure or chemical fertilizer
- Storing 250 litres or more of fuel (red areas of the maps only)
- Storing chemicals for commercial use such as pesticides, degreasers, dry cleaning fluids, industrial cleaners or solvents

Am I in a Wellhead Protection Area or Intake Protection Zone?

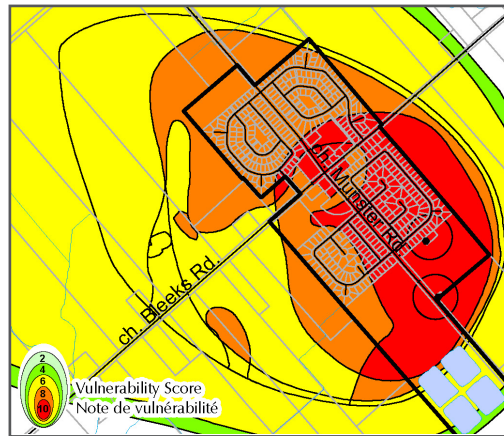
These are the areas where contaminants can easily reach the municipal well or surface water intake at a municipal water treatment plant.

These areas are protected through policies in our local Source Protection Plans. For more information, please visit: Ottawa.ca/sourceprotection

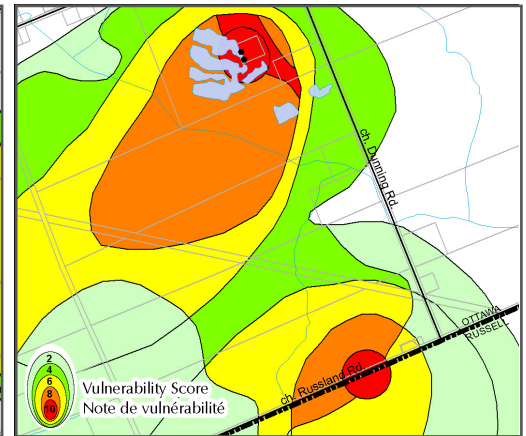
Drinking Water Protection Zones



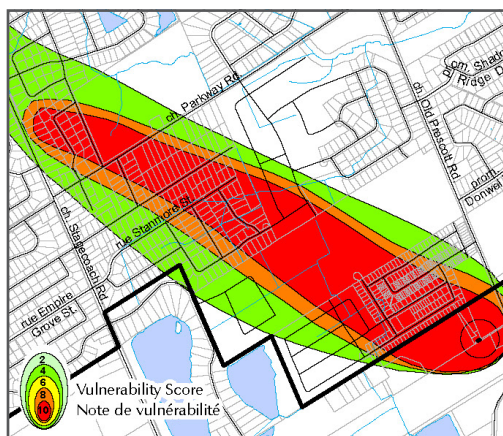
Wellhead Protection Areas - Carp



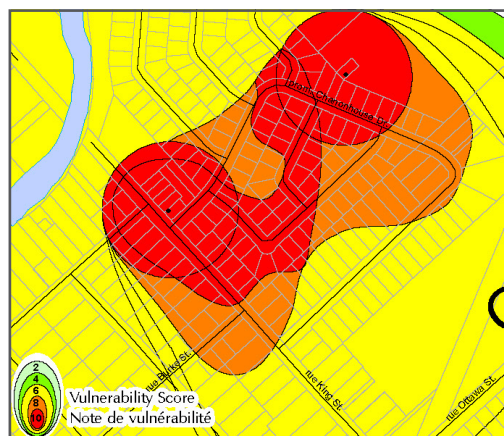
Wellhead Protection Areas – Munster Hamlet



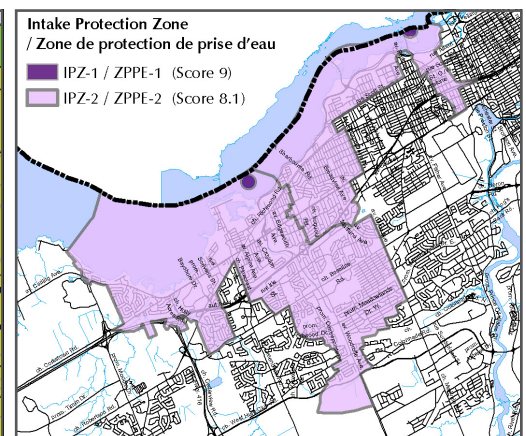
Wellhead Protection Areas - Vars



Wellhead Protection Areas - Shadow Ridge, Greely



Wellhead Protection Areas - King's Park, Richmond



Ottawa Intake Protection Zones