

DRINKING WATER SOURCE PROTECTION

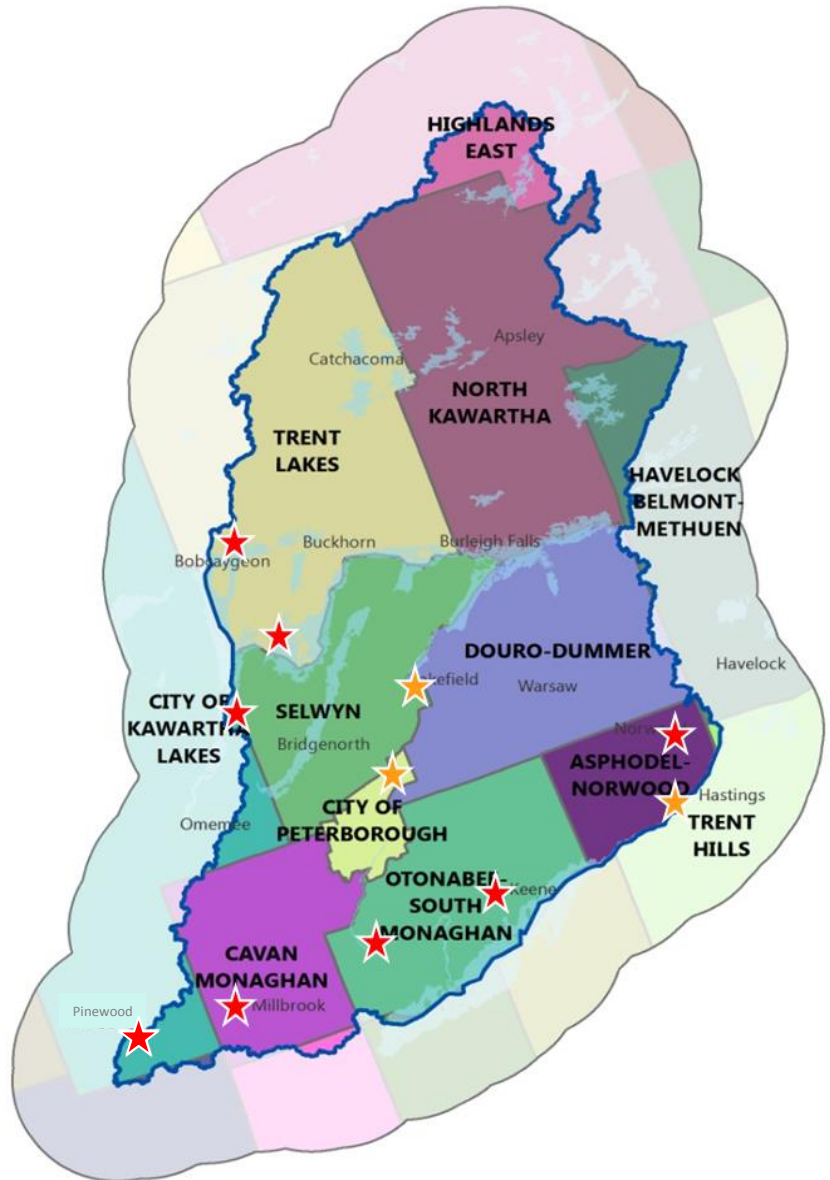
Act for Clean Water
Otonabee-Peterborough Source Protection Area

Drinking Water Source Protection

In response to the Provincial Inquiry into the Walkerton drinking water tragedy, the Ministry of the Environment and Climate Change established *the Clean Water Act, (Act)* and identified 21 land-based drinking water threats. A drinking water threat is an activity that can impact the quality or quantity of a municipal drinking water source. Under the *Act*, source protection areas and regions were established across the province.

The **Otonabee-Peterborough Source Protection Area (O-P SPA)** is 1 of 5 source protection areas in the Trent Conservation Coalition Source Protection Region. It covers approximately 3,365 km², and includes parts of 12 municipalities. There are 11 municipal residential drinking water systems throughout the O-P SPA that provide drinking water to more than 129,000 people (67% of the O-P SPA population), and one planned system.

In consultation with affected communities, a local multi-stakeholder committee developed the **Trent Source Protection Plan** which came into effect on January 1, 2015. This Plan contains policies intended to protect the sources of water for the municipal drinking water systems listed below and shown at right.



Otonabee-Peterborough Source Protection Area

★ Groundwater Systems

★ Surface Water Systems

- | | | | |
|-------------------------|-----------------------------|-------------|----------------|
| ✓ Alpine Village | ✓ Crystal Springs | ✓ Millbrook | ✓ Hastings |
| ✓ Birch Point Estates | ✓ Keene Heights Subdivision | ✓ Norwood | ✓ Lakefield |
| ✓ Buckhorn Lake Estates | ✓ Lansdowne (planned) | ✓ Pinewood | ✓ Peterborough |

Drinking Water Source Protection

In the Otonabee-Peterborough Source Protection Area

Trent Source Protection Plan

The *Clean Water Act, (Act)*, provides a range of policy approaches and tools to manage drinking water threats and protect municipal drinking water sources.

Part IV of the *Act* provides municipalities with new tools to address drinking water threats and requires that municipalities have a Risk Management Official and Risk Management Inspector (RMO/I). Under the *Act*, the RMO/I works with individuals affected by Source Protection Plan policies to ensure adequate protective measures are in place.

Policies apply in Vulnerable Areas around sources of municipal drinking water which include Wellhead Protection Areas for groundwater systems and Intake Protection Zones for surface water systems.

Policy Applicability Maps in the Source Protection Plan illustrate where policies apply and may be viewed at:

http://www.trentsourceprotection.on.ca/theplanningprocess/sourceprotectionplan/pdf/Approved_SPP_Trent_Appendices.pdf



Additional Resources

- ✓ Drinking Water Threats (General Factsheet)
- ✓ Drinking Water Threats (Specific Factsheets)
 - Commercial Fertilizer
 - Other Chemicals
 - Fuel
 - Pesticides
 - Road Salt & Snow Storage
 - Sewage
 - Waste Disposal
- ✓ Buying or Selling Property? What You Need to Know About Drinking Water Source Protection
- ✓ The Risk Management Office

Types of Drinking Water Threats

- ✓ Waste
- ✓ Sewage
- ✓ Nutrients
- ✓ Road Salt
- ✓ Other Chemicals
- ✓ Livestock
- ✓ Pesticides
- ✓ Fertilizer
- ✓ Snow Storage
- ✓ Fuel

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The Trent Source Protection Plan is available at www.trentsourceprotection.on.ca

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