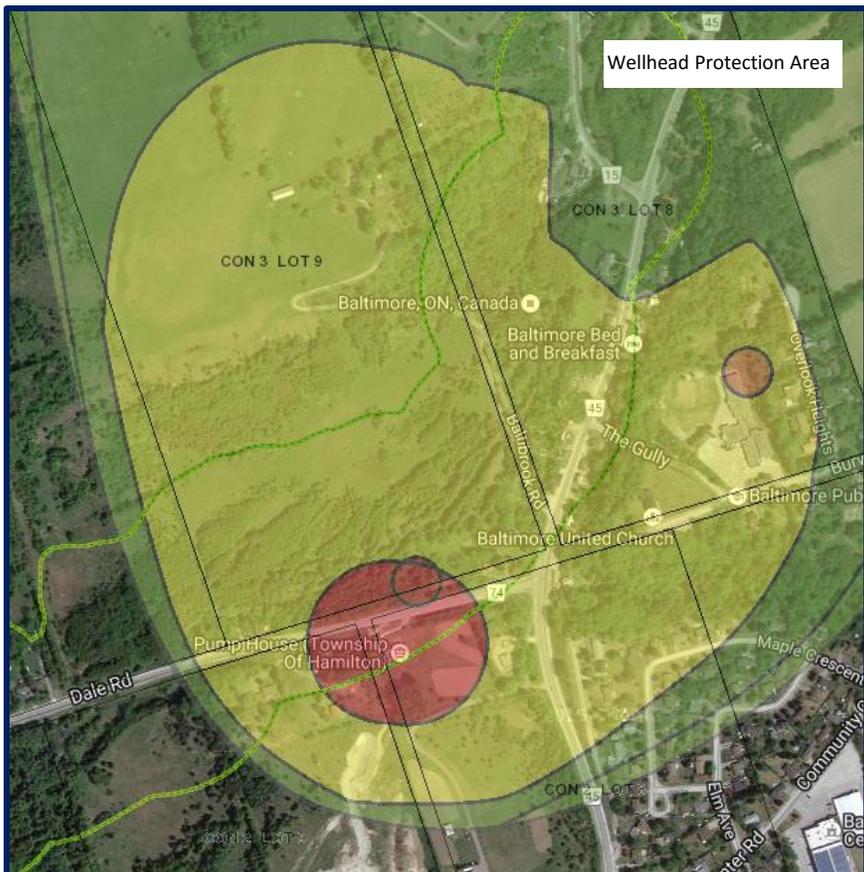


The Creighton Heights Municipal Drinking Water System is 1 of 53 municipal residential drinking water systems in the Trent Conservation Coalition Source Protection Region, and 1 of 6 such systems in the Ganaraska Region Source Protection Area.

On January 1, 2015, policies set out in the Ganaraska Source Protection Plan came into effect to better protect the source water for the municipal drinking water system by reducing or eliminating *significant* threats associated with certain land based activities. The Plan was developed under the *Clean Water Act* in response to the Walkerton Inquiry.

A drinking water threat is a land-based *activity* that can impact the quality of a municipal drinking water source (due to a spill or leak). *Significant* drinking water threat activities can only occur in Vulnerable Areas such as the Wellhead Protection Area for this municipal drinking water system (shown on right and on reverse). Plan policies are intended to reduce or minimize the significant threat posed by such activities.



Types of Drinking Water Threats



- ✓ Waste
- ✓ Sewage/Septics
- ✓ Livestock
- ✓ Snow storage
- ✓ Other chemicals
- ✓ Pesticides
- ✓ Fertilizer
- ✓ Nutrients
- ✓ Fuel

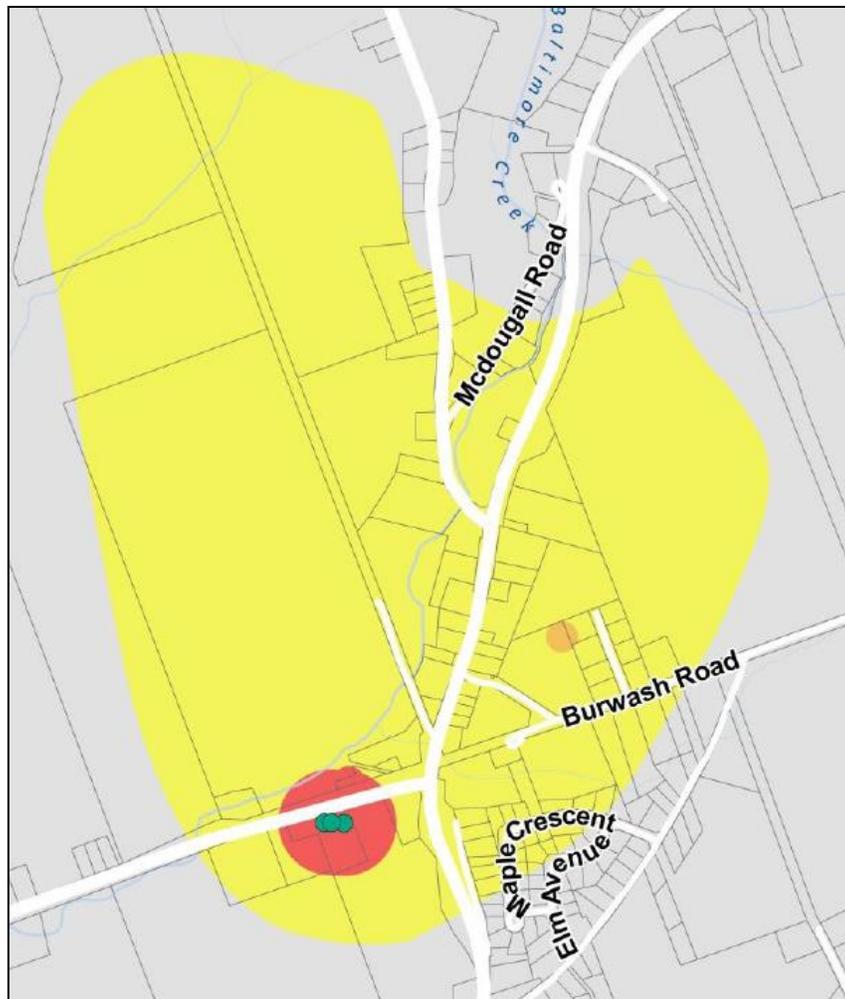
Water Source	Groundwater
Owned By	Township of Hamilton
Operating Authority	Township of Hamilton
Serviced Population	995 (approximately)
Annual Pump Rate	327 cubic metres per day (average)
Well Depth	Well 1: 62.0 metres Well 6: 64.9 metres Well 7: 63.4 metres
Aquifer Type	Confined overburden.
Treatment System	Treatment is in place to remove and control iron, manganese, methane, and ammonia.

To learn more about these threats visit www.trentsourceprotection.on.ca

Drinking water threats can only occur in the Creighton Heights Wellhead Protection (as shown in the graphic) and as illustrated on the Policy Applicability Map included in the Ganaraska Source Protection Plan.

The location, scale and nature of an activity determine if it poses a low, moderate or *significant* threat to the municipal drinking water source. Policies in the Ganaraska Source Protection Plan only apply to *significant* drinking water threats.

Within the Creighton Heights Wellhead Protection Area, the current existing significant drinking water threats include septic systems, home heating fuel oil and dense non-aqueous phase liquids (used in automotive industry).



■ Contaminants can occur within 100 metres around the municipal wellhead (●).

■ Contaminants may reach the municipal wellhead (●) in 2 years or less if spilled or leaked in this area.

For More Information Contact :

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The Ganaraska Source Protection Plan is available at www.grca.on.ca