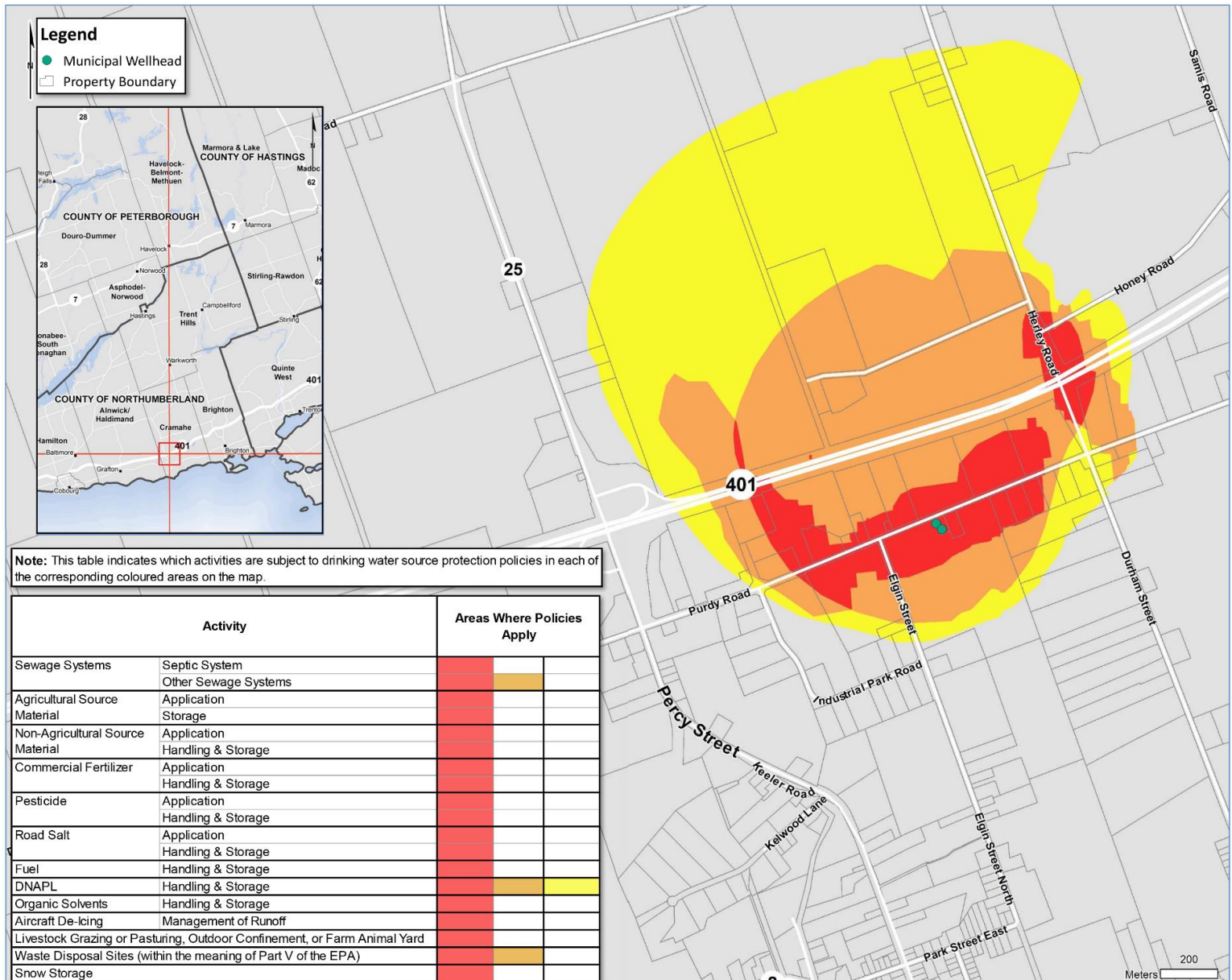


The *Clean Water Act* was developed to protect municipal, residential drinking water sources across the province from contamination and/or overuse by ensuring policies are in place to manage activities that may pose a drinking water threat. Locally, these policies are included in the Trent Source Protection Plan and they apply within the Colborne Wellhead Protection Area, as illustrated below. This factsheet provides a summary of Source Protection planning and the existing significant threats to this system.



The **Colborne Municipal Well System** is one of 53 municipal, residential drinking water systems in the Trent Conservation Coalition Source Protection Region that is protected under the *Clean Water Act* and is one of 12 such systems in the Lower Trent Source Protection Area.

Water Source	Groundwater
Owned & Operated By	Township of Cramahe
Serviced Population	2,000 (approximately)
Annual Pump Rate	954 m ³ /day (average)
Well Depths	Well 1: 70 m (backup) Well 2: 72 m (production)
Aquifer Type	Confined overburden, non-GUDI
Treatment System	Disinfection with sodium hypochlorite; other treatment with Sodium silicate (iron sequestration)

Data source: Trent Assessment Report

Activities that can pose a Threat to the municipal drinking water source



- ✓ Waste disposal and sewage systems
- ✓ Livestock grazing, pasturing, confinement
- ✓ Road salt use and snow storage
- ✓ Spreading or storing of agricultural materials (i.e. manure)
- ✓ Pesticide and fertilizer storage and use
- ✓ Liquid fuel storage (ie home heating oil)
- ✓ Chemicals handling and storage

Contact us to find out how you can protect drinking water



LOWER TRENT
CONSERVATION

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With support provided by **Ontario** 

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