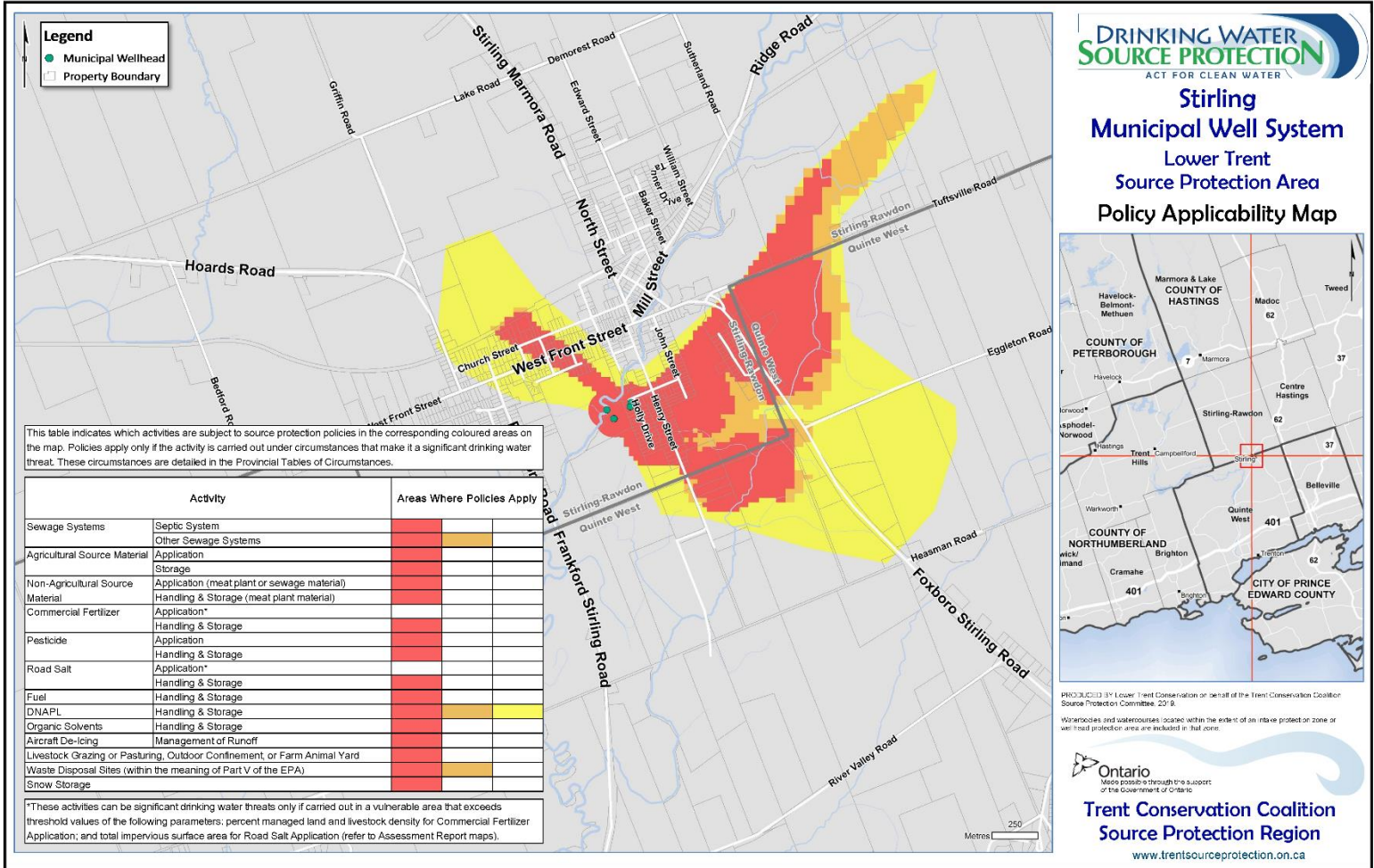


DRINKING WATER SOURCE PROTECTION

ACT FOR CLEAN WATER

Stirling Wellhead Protection Area

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 they apply within the Stirling Wellhead Protection Area, shaded red on the map below.



Policy Applicability Map

Trent Assessment Report Map Reference: 5-28



The Trent Source Protection Plan may be viewed here:
www.trentsourceprotection.on.ca

The **Stirling 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 Stirling-Rawdon
Serviced Population	2,000 (approximately)
Annual Pump Rate	912 m ³ /day (average)
Well Depths	Well 1: 6.4 m (backup) Well 2: 13.1 m (production) Well 3: 16.1 m (production) Well 4: 13.2 m (backup) Well 5: 13.2 m (backup)
Aquifer Type	Unconfined overburden, GUDI
Treatment System	Disinfection with sodium hypochlorite; other treatment with UV irradiation

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

www.trentsourceprotection.on.ca

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With support provided by **Ontario** 

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