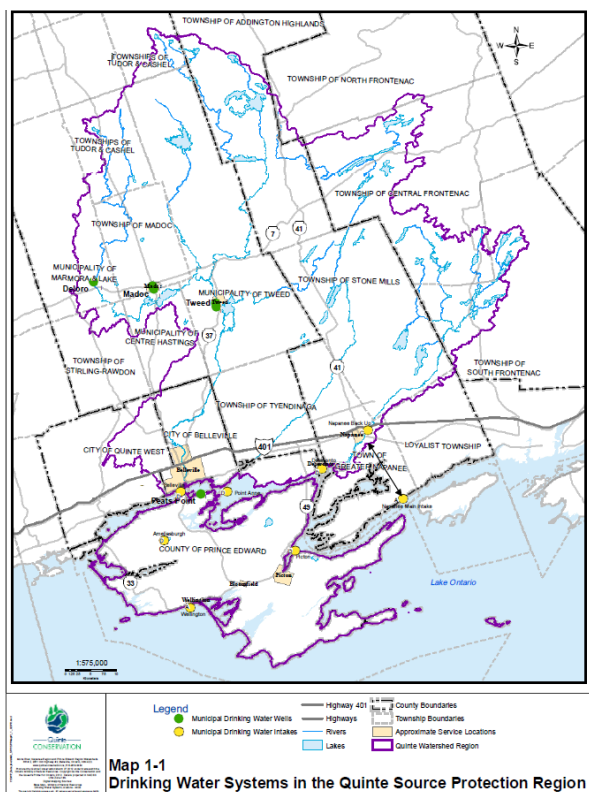




# Quinte Source Protection Area

We need safe, reliable drinking water sources now and in the future. Our drinking water comes from lakes, rivers, streams, and groundwater sources. The *Clean Water Act, 2006*, identifies 19 regions in Ontario that have produced local, science-based plans to protect municipal drinking water sources.

The Quinte Source Protection Area is based on Quinte Conservation’s boundaries. The area covers 6,000 square kilometres in eastern Ontario and includes the watersheds of the Moira, Napanee and Salmon Rivers and all of Prince Edward County.



In the Quinte Source Protection Area, there are 11 municipal drinking water systems that serve half of the watershed population (approximately 59,000 people).

Seven out of 11 municipal drinking water systems are intakes in surface water and four are groundwater systems that have wells drilled into the underlying aquifers. The remaining population obtains water from private wells using groundwater, in some cases surface water from shore wells, or direct intakes from lakes or rivers.

The Quinte Source Protection Plan was developed by a local Source Protection Committee with extensive public input and broad consultation. The Plan was approved in September 2014 and came effective on January 1, 2015.

Visit [QuinteSourceWater.ca](http://QuinteSourceWater.ca), to view the Quinte Source Protection Plan, policy information maps, helpful fact sheets and more.

## Municipal Partners

Within the Quinte Source Protection Area, there are three upper tier, three single-tier and 15 lower-tier municipalities. To align with the *Clean Water Act, 2006*, there are four Source Protection Committee Members representing local municipalities.



### Single-Tier

City of Belleville  
City of Quinte West  
County of Prince Edward

### Upper-Tier

County of Hastings  
County of Frontenac  
Lennox & Addington County

### Lower-Tier

Loyalist Township  
Municipality of Centre Hastings  
Municipality of Marmora & Lake  
Municipality of Tweed  
Town of Greater Napanee  
Town of Deseronto  
Township of Addington Highlands  
Township of Central Frontenac

Township of Madoc  
Township of North Frontenac  
Township of South Frontenac  
Township of Stirling/Rawdon  
Township of Stone Mills  
Townships of Tudor & Cashel  
Township of Tyendinaga

## Source Protection Committee Members

Since 2007, the Quinte Source Protection Committee (SPC) has worked with communities to create an effective, scientific-based Source Protection Plan to protect sources of municipal drinking water.

The SPC is responsible for monitoring policy effectiveness, threat assessments, and supporting the implementation of the Quinte Source Protection Plan.

The SPC members represents a variety of stakeholders to ensure that community groups are represented in the decision-making process. The SPC consists of one Chair, four seats representing all 18 municipalities, four representatives from economic industries (agriculture, commerce, and industry), four members of the general public, two First Nations members, one Source Protection Authority Liaison, and one Public Health Liaison.

## The Quinte Source Protection Plan

The Quinte Source Protection Committee used science-based information and knowledge provided through technical studies, working groups and the community to develop the Quinte Source Protection Plan to protect our municipal drinking water sources.

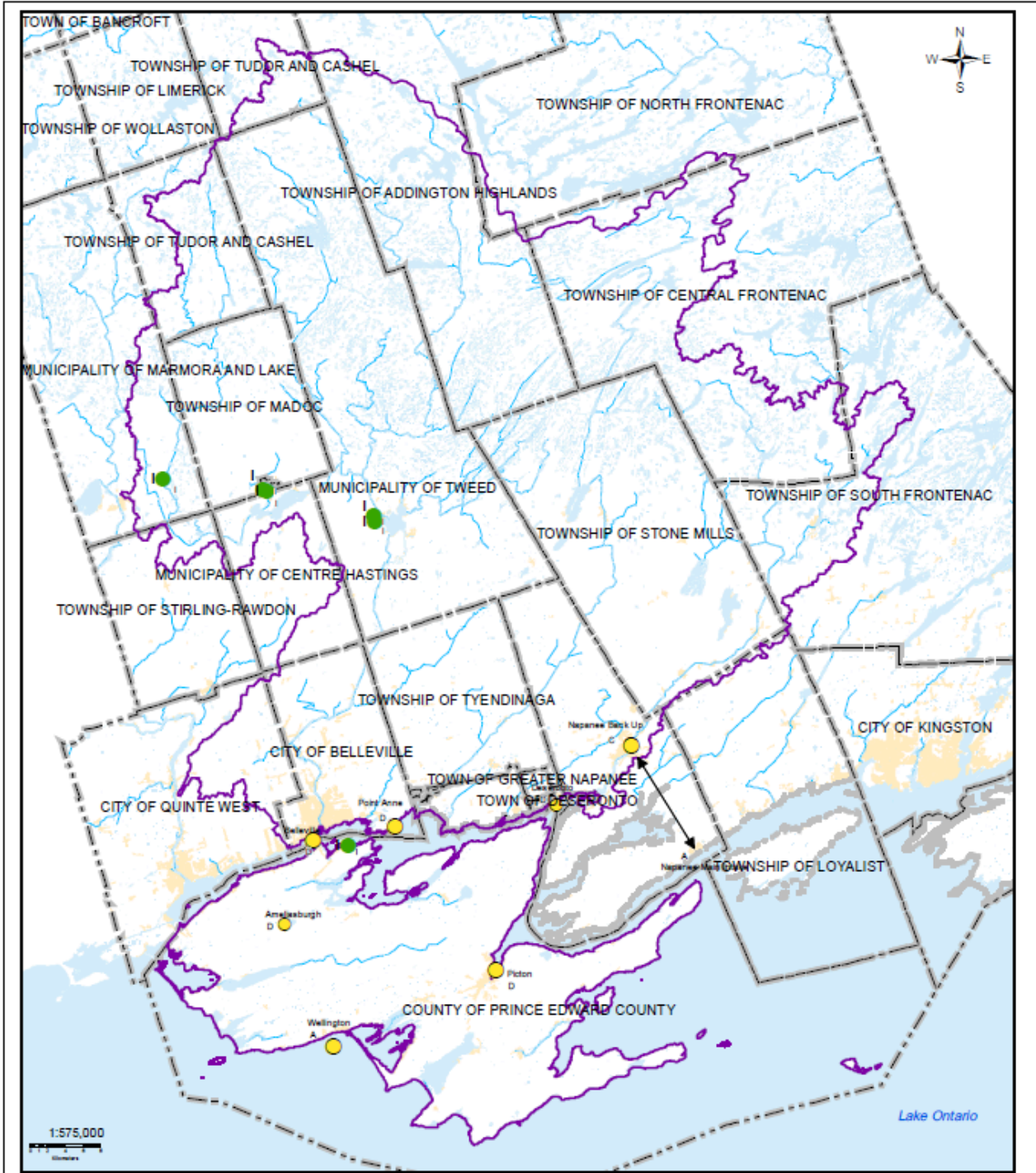
The approved Quinte Source Protection Plan outlines policies that address threats to municipal drinking water sources which were identified in the Assessment Report. The Quinte Source Protection Plan contains a series of voluntary and mandatory policies that encourage good stewardship, additional risk reduction measures where necessary, and some policies prohibit certain activities to ensure that the municipal supply is safe.

Affected landowners were contacted several times during the planning process. Municipalities responsible for drinking water systems worked with Quinte Conservation to establish the protocols required for successful implementation of the Quinte Source Protection Plan. Tasks include providing related education and outreach materials, establishing Risk Management Plans, preparing municipal land use planning documents, and communicating with affected landowners. Municipalities, along with other named implementing bodies, have been implementing policies since 2015.

### Municipal Drinking Water Systems

Municipality	System Name	Residents Served	Source
City of Belleville	Gerry O'Connor Water Treatment Plant	46,000	Bay of Quinte
City of Belleville	Point Anne Hamlet Water Treatment Plant	25	Bay of Quinte
Prince Edward County	Peats Point Subdivision Well Supply	19	1 GUDI* Well
Prince Edward County	Ameilasburgh Hamlet Water Treatment Plan	175	Roblin Lake
Prince Edward County	Picton Water Treatment Plant	6,548	Picton Bay
Prince Edward County	Wellington Water Treatment Plant	1,743	Lake Ontario
Municipality of Tweed	Village of Tweed Well Supply	1,800	2 Wells
Municipality of Centre Hastings	Village of Madoc Well Supply	1,250	2 GUDI* Wells
Town of Deseronto	Deseronto Water Treatment Plant	1,700	Bay of Quinte
Municipality of Marmora and Lake	Deloro Well Supply	160	1 Well
Town of Greater Napanee (Backup Intake)	A.L. Dafoe Water Treatment Plant	8,500	Napanee River

\*Groundwater Under Direct Influence (GUDI)\*



- Legend**
- Municipal Drinking Water Wells
  - Municipal Drinking Water Intakes
  - Highway 401
  - Rivers
  - Township Boundaries
  - County Boundaries
  - Populated Areas
  - Quinte Watershed

**Map 1-1**  
**Drinking Water Systems in the Quinte Source Protection Area**