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Sent: September 17, 2024 2:06 PM

To: Nicole Sapeta <nsapeta@regionofwaterloo.ca>

Cc: Sandra Rodriguez <Sandra.Rodriguez@cima.ca>

Subject: Notice of Commencement - Region of Waterloo, Water Supply Strategy Update

Greetings,

The Region of Waterloo (Region) is updating its Water Supply Strategy to ensure a safe, secure, and sustainable water supply through to 2051. This study is being completed as a Master Plan and will follow the requirements of Approach 1, including Phases 1 and 2 of the Municipal Class Environmental Assessment (as amended in 2024), an approved process under the Environmental Assessment Act that provides a decision-making framework for the planning of municipal infrastructure projects.

The Water Supply Strategy Update will build on work from previous master plans and will review current water supply sources, assess future water demands, and investigate possible new water sources to accommodate the Region's population and employment growth projections to 2051. This project will identify short- and long-term recommendations for the Region's Integrated Urban System, which includes over 80 groundwater wells and a limited supply from Grand River supplying drinking water to Cambridge, Kitchener, Waterloo, and some communities in North Dumfries, Wilmot, and Woolwich. The attached Notice of Commencement and Project Information Sheet provides additional information regarding the study.

To date, a number of study activities have been undertaken, including a review of existing water supply sources, a review of current water efficiency and conservation programs, and developing a preliminary framework for evaluating servicing options to meet future water supply needs. The study will consider a range of technical, environmental, social, and economic factors to evaluate potential options and identify a preferred approach for an updated strategy.

Water is an essential part of our community. Your input will shape the recommendations for water supply, conservation, and long-term management. The Region has retained CIMA+ to support the development of the Water Supply Strategy Update and Dillon Consulting Limited to support the project's public consultation and community engagement efforts. Various consultation opportunities for engagement and meaningful dialogue between the project team and interested stakeholders will be provided during the study. Project updates and upcoming consultation events will be listed on the EngageWR project page (<https://www.engagewr.ca/watersupply>).

Kindly review the attached documents and confirm your intention to participate in the study by responding to this email. Should another person wish to participate on behalf of your organization, please provide the alternate contact information (first and last name, title, department, phone number, email).

If you have any comments or questions, please reply to this email or visit <https://www.engagewr.ca/watersupply> for more information.

Attachments: *Notice of Commencement PDF, Project Information Sheet PDF*

Sincerely,

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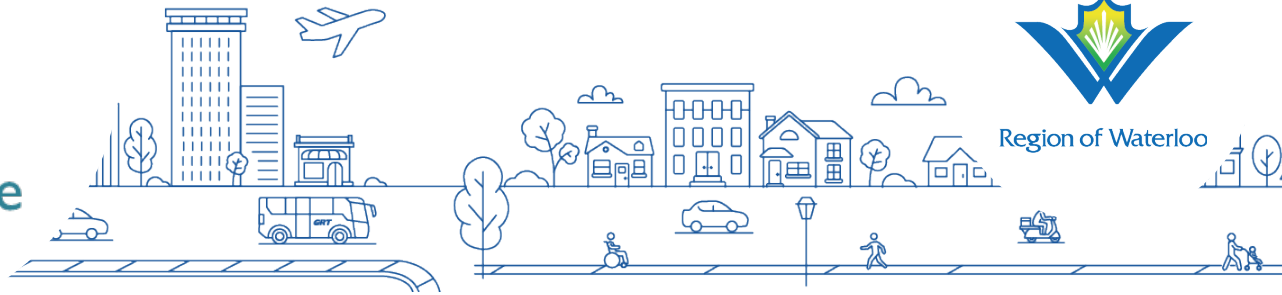
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Water Supply Strategy Update



What are we doing?

We are reviewing the community's future water supply needs and developing a strategy to ensure a safe, secure, and sustainable supply through to 2051.

Why are we doing it?

The Region is responsible for planning the water supply for the community. We are taking steps now to ensure we are ready for the future.

What does this mean for you?

Water is an essential part of our community. Your input will shape the recommendations for water supply, conservation, and long-term management.

Where do we get our drinking water?

Learn more at engagewr.ca/watersupply

1

Groundwater

Supply Well

2

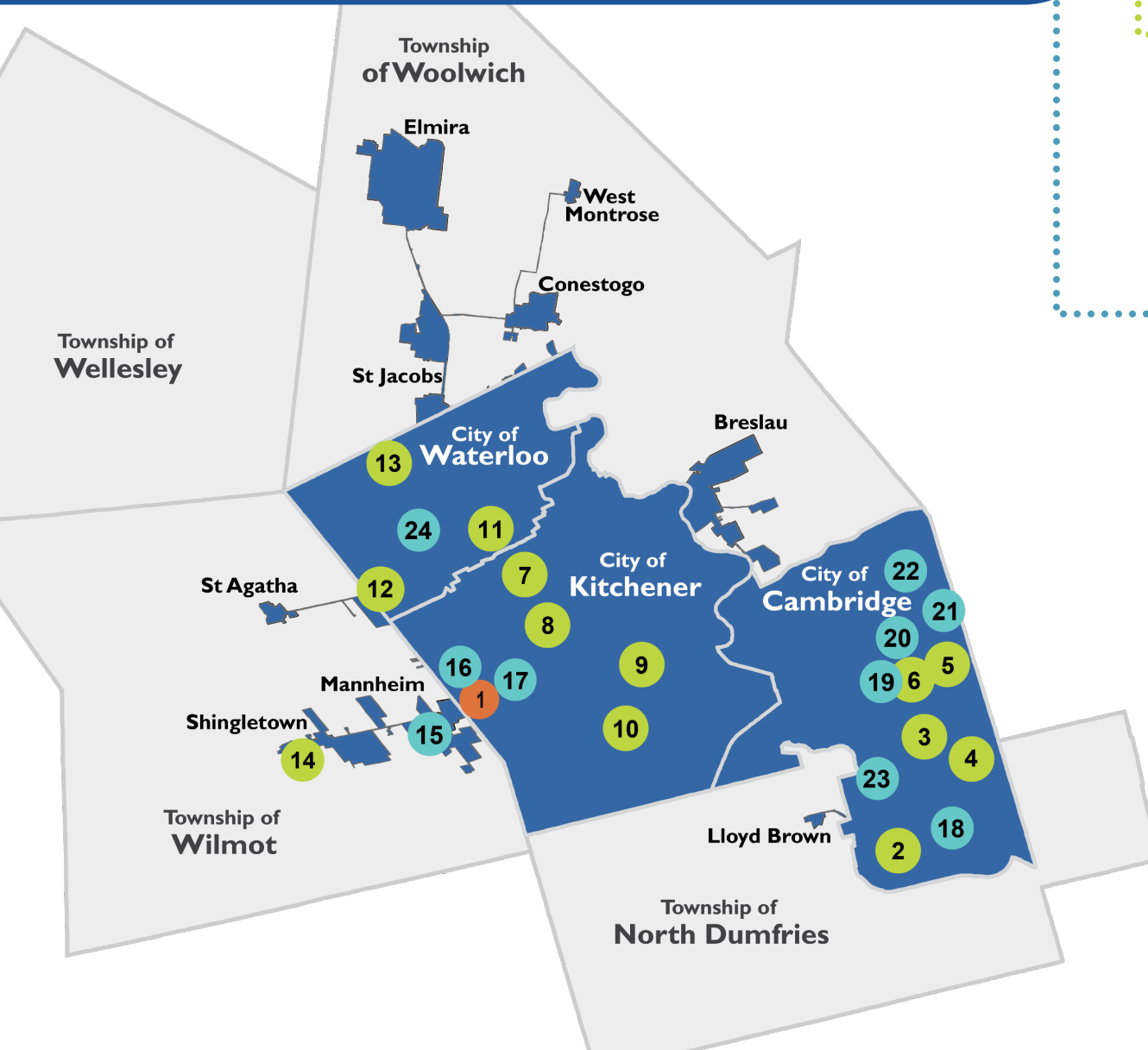
Surface Water
(Grand River)

Intake

Reservoir



This project will focus on the **Integrated Urban System** that supplies drinking water to Cambridge, Kitchener, Waterloo, and some communities in North Dumfries, Wilmot, and Woolwich. This complex system with over 80 groundwater wells and a supply from the Grand River consists of three main types of water supply facilities:



Surface Water Treatment

Multi-step treatment approach for water drawn from the Grand River

- 1 Mannheim

Centralized Groundwater Treatment

Combines multiple wells to one location for treatment

- 2 Middleton
- 3 Turnbull
- 4 Shades Mill
- 5 Pinebush
- 6 Rahmans
- 7 Strange Street
- 8 Greenbrook
- 9 Parkway
- 10 Strasburg
- 11 William Street
- 12 Erb Street
- 13 Laurel
- 14 Shingletown

Groundwater System Wells

Individual well sites with treatment

- 15 Mannheim West
- 16 Mannheim North
- 17 Mannheim East
- 18 G9
- 19 G5
- 20 H3
- 21 H4
- 22 H5
- 23 G4
- 24 W10