

Bradford West Gwillimbury Water & Wastewater Master Plan

Public Information Center 1

Monday, May 26, 2025

Bradford Community Hub
177 Church Street

Public Information Center 1 Objectives



Present the Public and stakeholders with an opportunity to learn about the Town's existing drinking water and sanitary (wastewater) systems, and future needs to support community growth.



Present the Master Plan Study schedule and what steps are being taken to support the decision-making process.



Answer any questions you may have about the study process or potential outcomes.

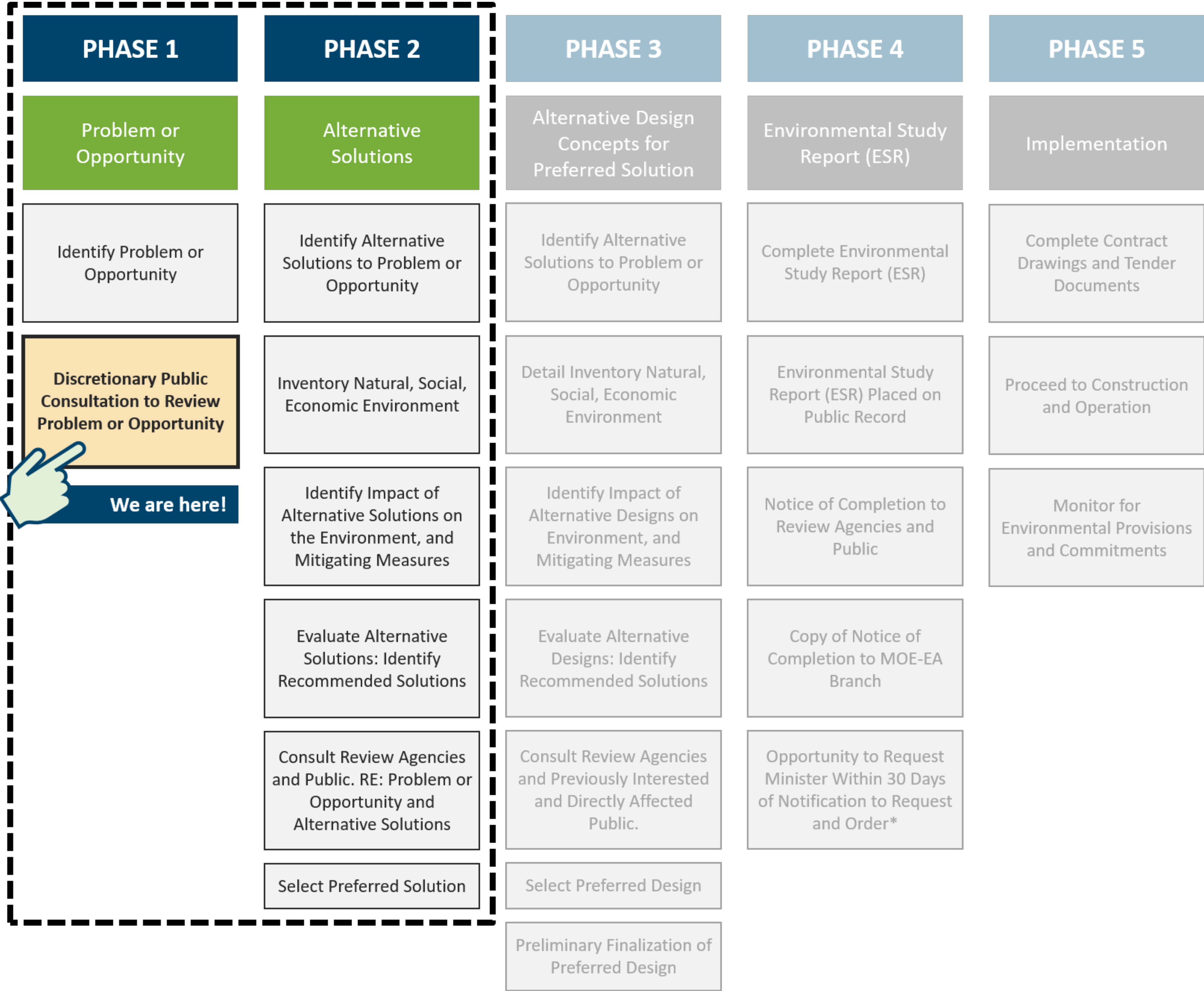


Project Approach

Class EA Process

This project is following the **Municipal Class Environmental Assessment (MCEA)** process for Master Plan Projects, which is a decision-making process that all Ontario municipalities follow for rehabilitating and building new infrastructure.

This **Water & Wastewater Master Plan** will satisfy Phases 1 and 2 of the Class EA process.



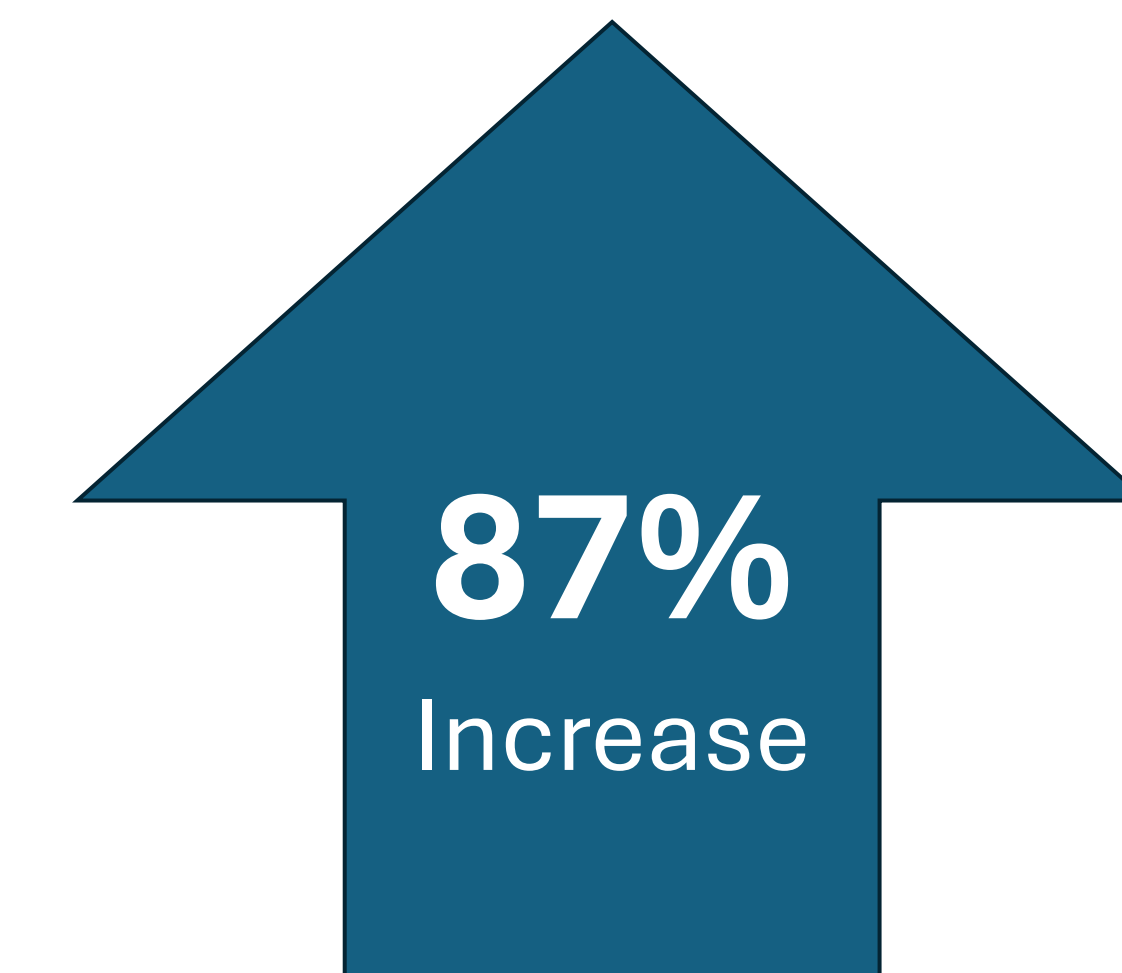
Problem and Opportunity Statement

The Town of Bradford West Gwillimbury is growing. To enable growth and meet population and employment targets as defined in the Town's Official Plan, a robust long-term strategy for water and wastewater infrastructure must be established.

The Town is initiating a Water and Wastewater Master Plan to provide a framework for servicing growth and intensification that is transparent, sustainable, reliable, environmentally friendly, cost effective, flexible and maximizes use of existing infrastructure. The study will identify current water and wastewater system capacities and future needs and determine the preferred strategy to service growth. Finally, the study will provide capital planning recommendations to form the basis for future development charges.

The Town's 2023 Official Plan Update anticipates the Town's population will grow from **44,700 people** in 2021 to **83,500 people** by 2051.

It is anticipated that the Town's employment (jobs) will grow from **12,500 jobs** in 2024 to **30,900 jobs** by 2051.



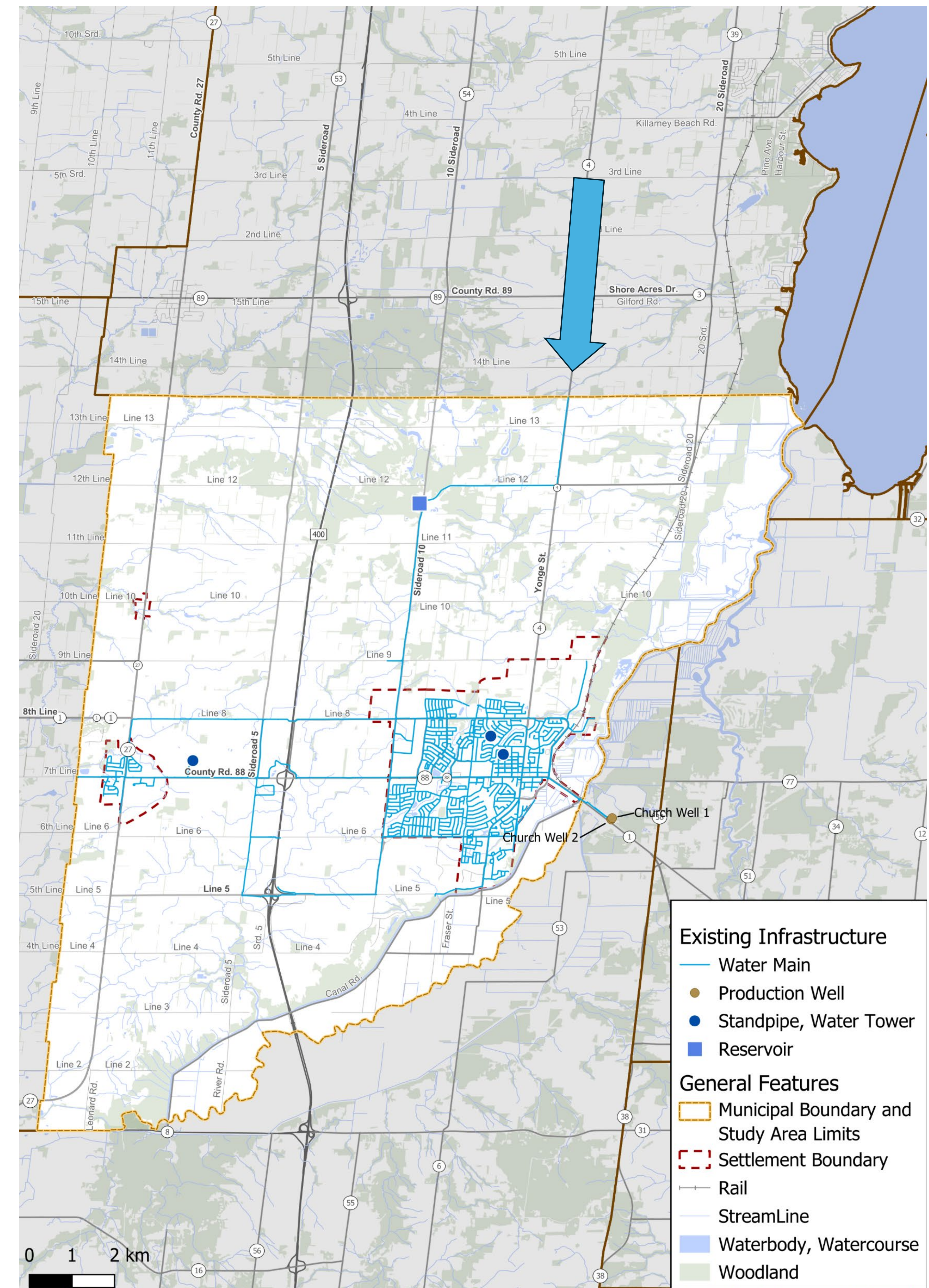
+38,800 People
+18,400 Jobs

Existing Water System

Existing water system includes:

- Two (2) production wells east of the Town
- Approximately 200km of watermains
- Water storage facilities: two (2) standpipes, one (1) elevated tank, and one (1) in-ground reservoir, each with an associated booster pumping station

The majority of drinking water is currently supplied via a large feedermain from the Lakeshore Water Treatment Plant in Innisfil.

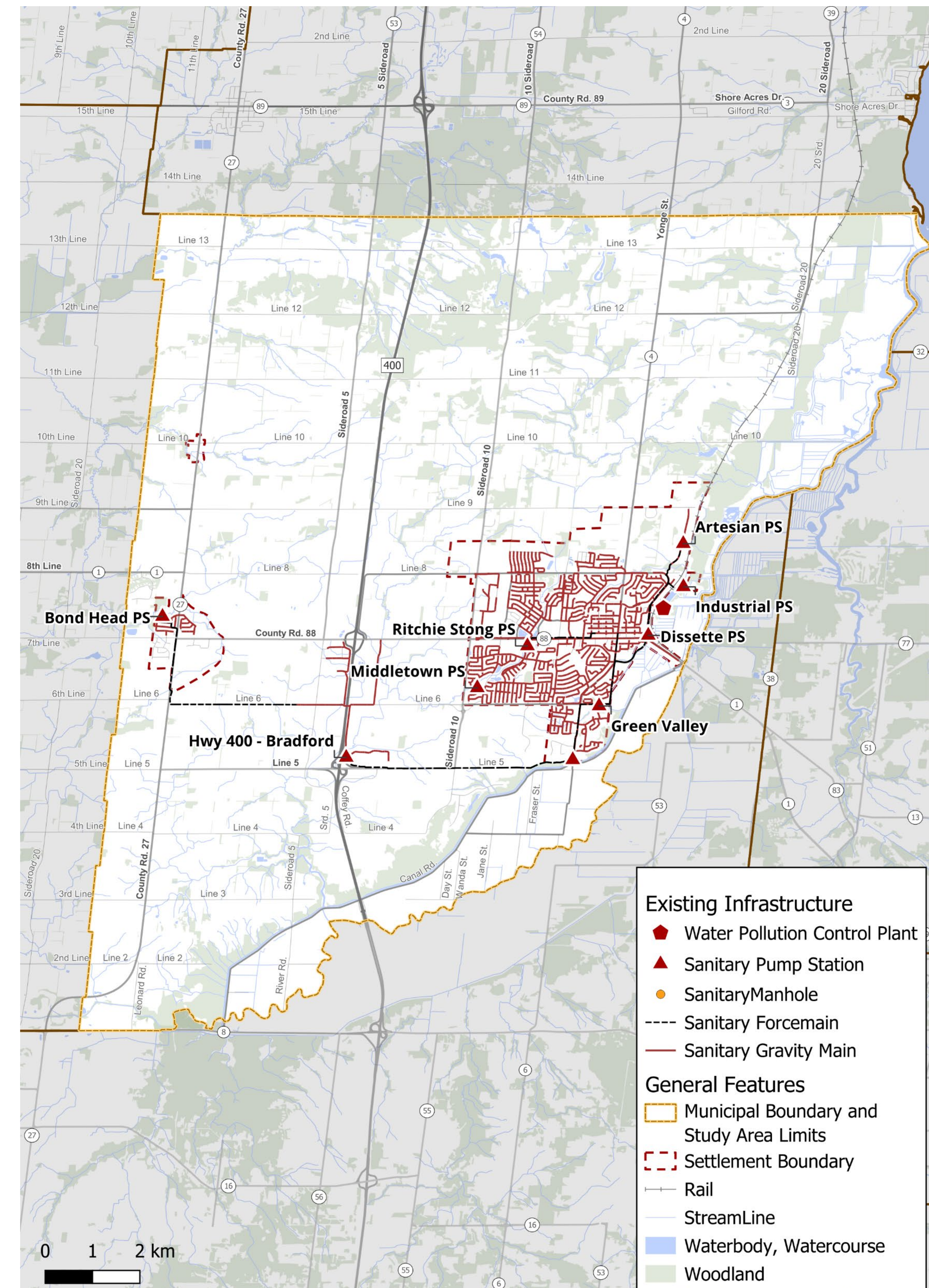


Existing Wastewater System

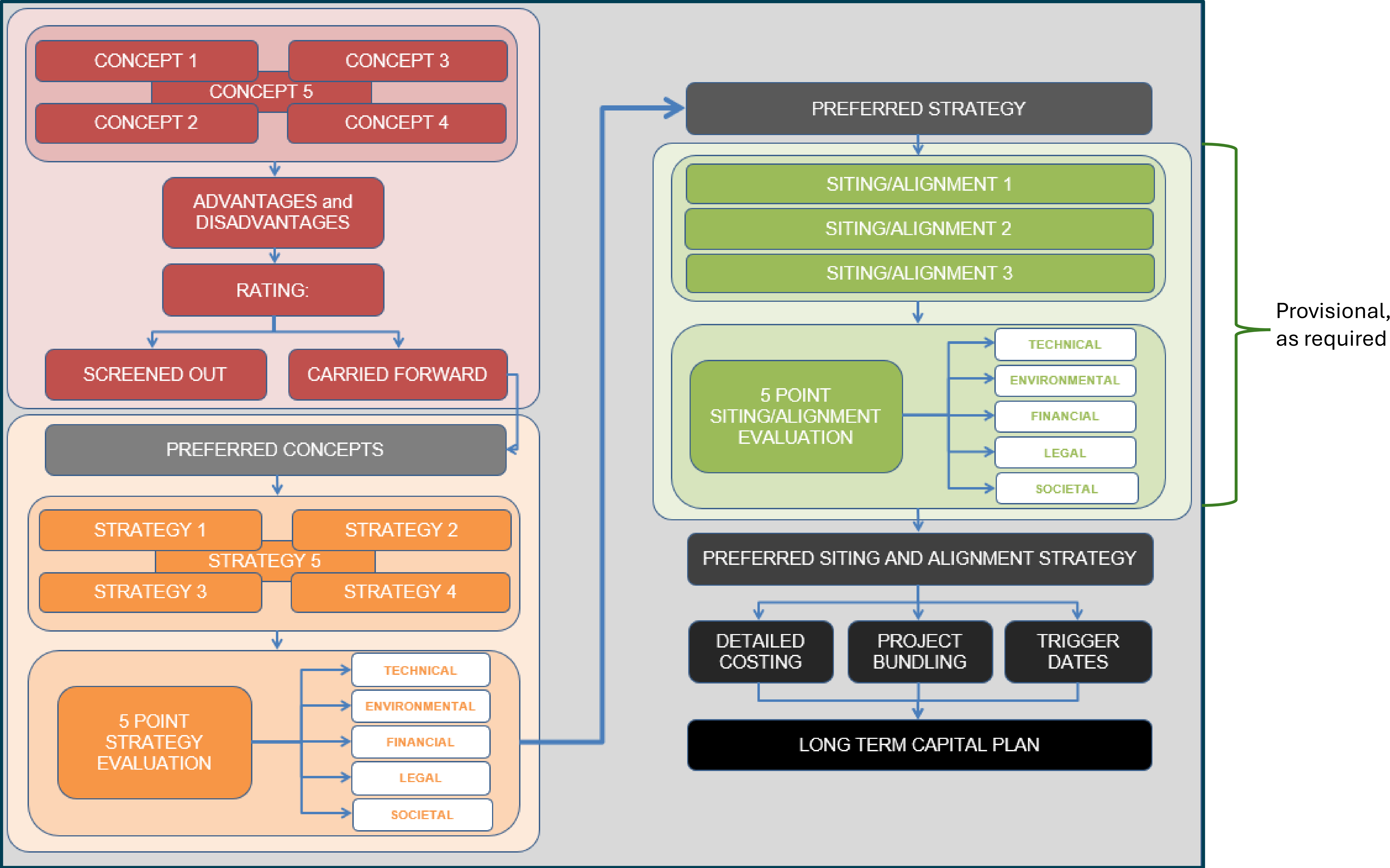
Existing wastewater system includes:

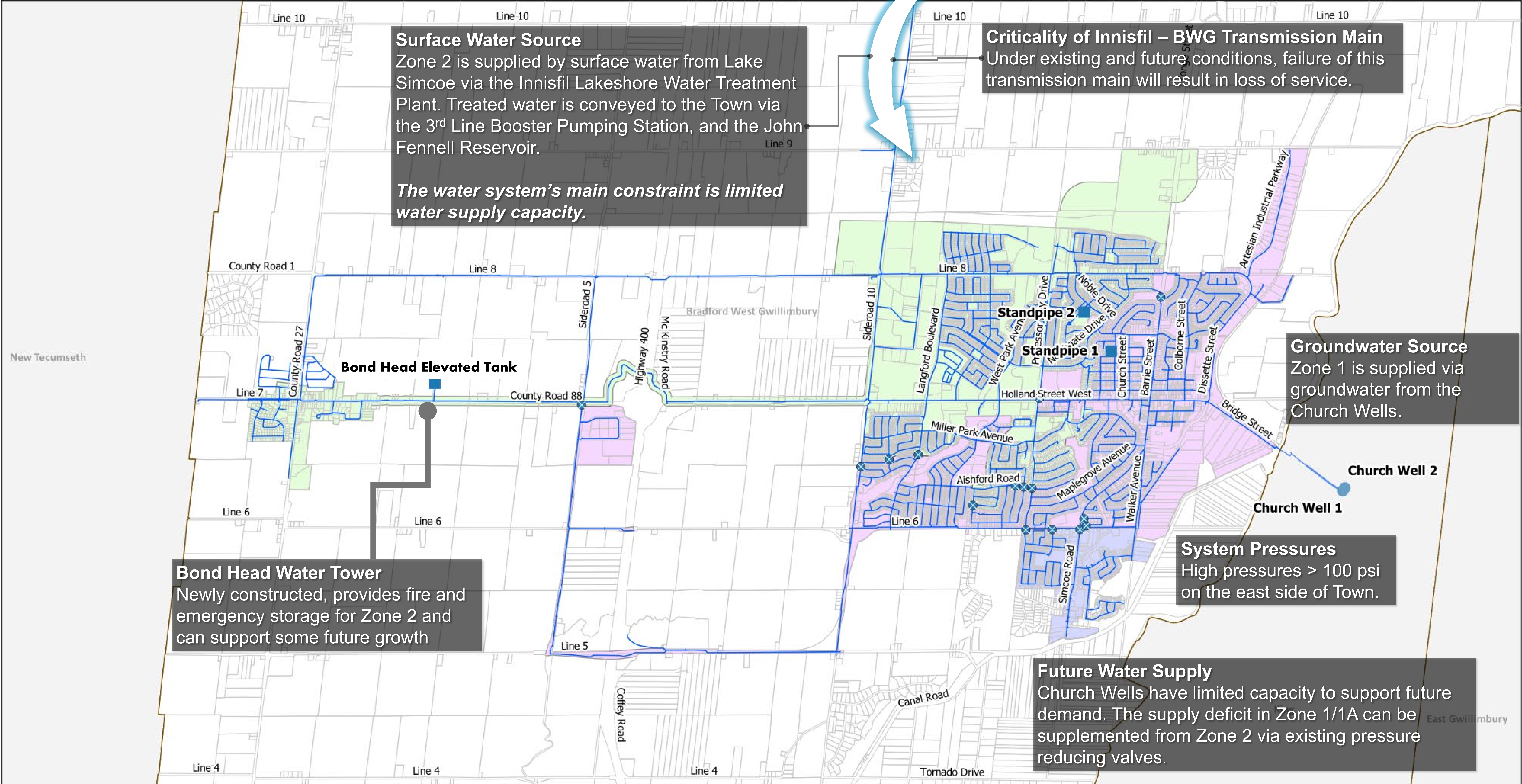
- One (1) Water Pollution Control Plant (WPCP)
- Nine (9) sewage pumping stations
- 2,084 maintenance holes
- 152 kilometers of sanitary sewers and forcemains

Treated WPCP effluent discharges into Holland River.



General Approach to Evaluation of Strategies





Existing Water Infrastructure

- Town Facilities**

 - Production Well
 - Storage
 - Watermain
 - ⊗ Pressure Reducing Valves
- Pressure Zones**

 - Bradford Zone 1
 - Bradford Zone 1A
 - Bradford Zone 2
- Other Features**

 - Municipal Boundaries
 - Parcels

Reference(s)
1. Projection EPSG:26917
2. Base Data: MNR LIO, 2023; City of Mississauga, 2020; Google Satellite 2023

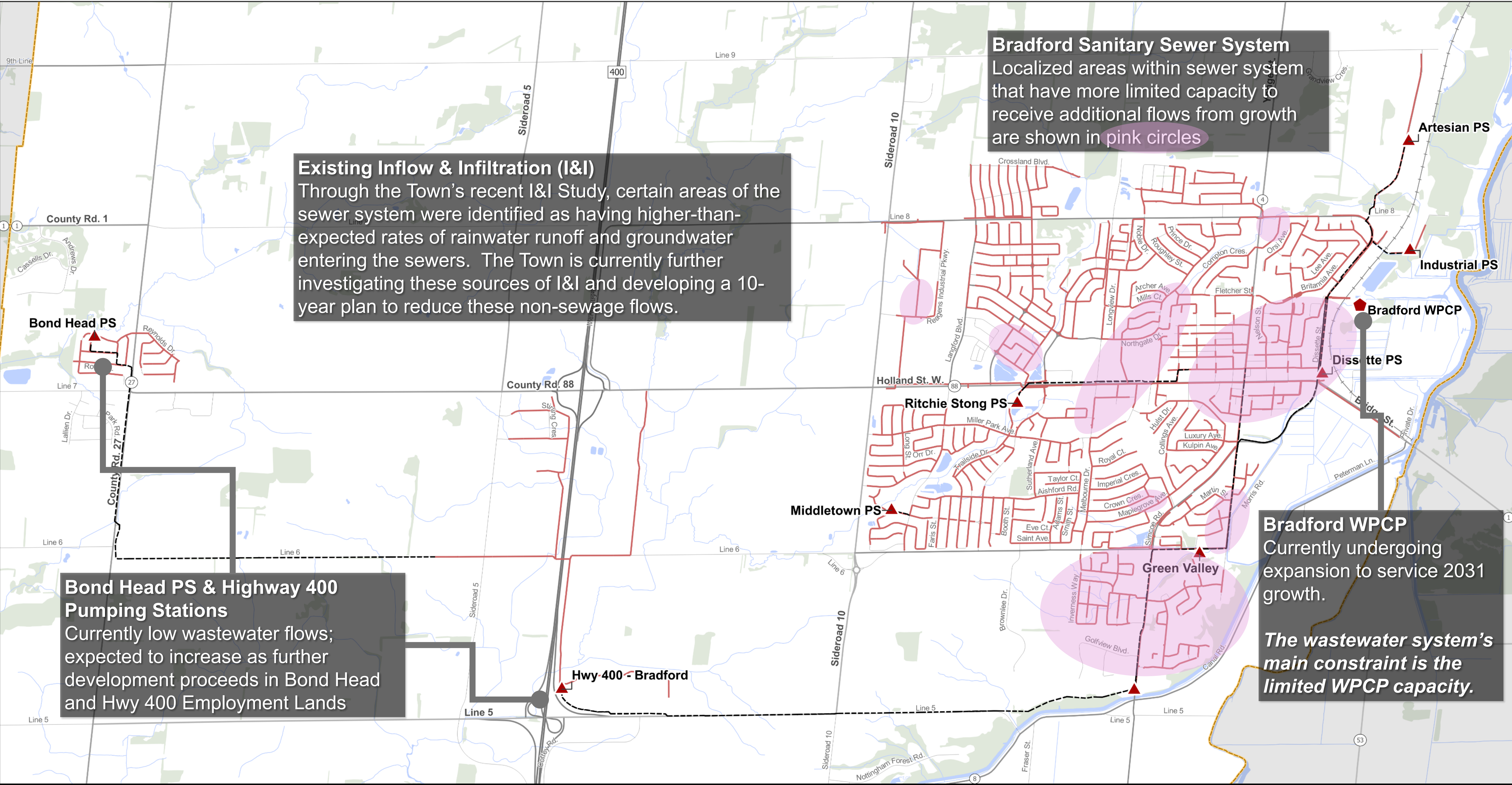


Supplemental Information
Water System Opportunities and Constraints

Project Name:
PIC 1
Water and Wastewater Master Plan

Client Name:
Town of Bradford West
Gwillimbury





Existing Wastewater Infrastructure

- Wastewater Treatment Plant
- Sanitary Pump Station
- Sanitary Forcemain
- Sanitary Gravity Main
- Municipal Boundary
- Other Municipal Boundary
- Rail
- Waterbody, Watercourse
- Woodland

Reference(s)
1. Projection EPSG:26917
2. Base Data: Town of Bradford West Gwillimbury, 2025



Supplemental Information
Wastewater System Opportunities and Constraints

Project Name:
PIC 1
Water and Wastewater Master Plan

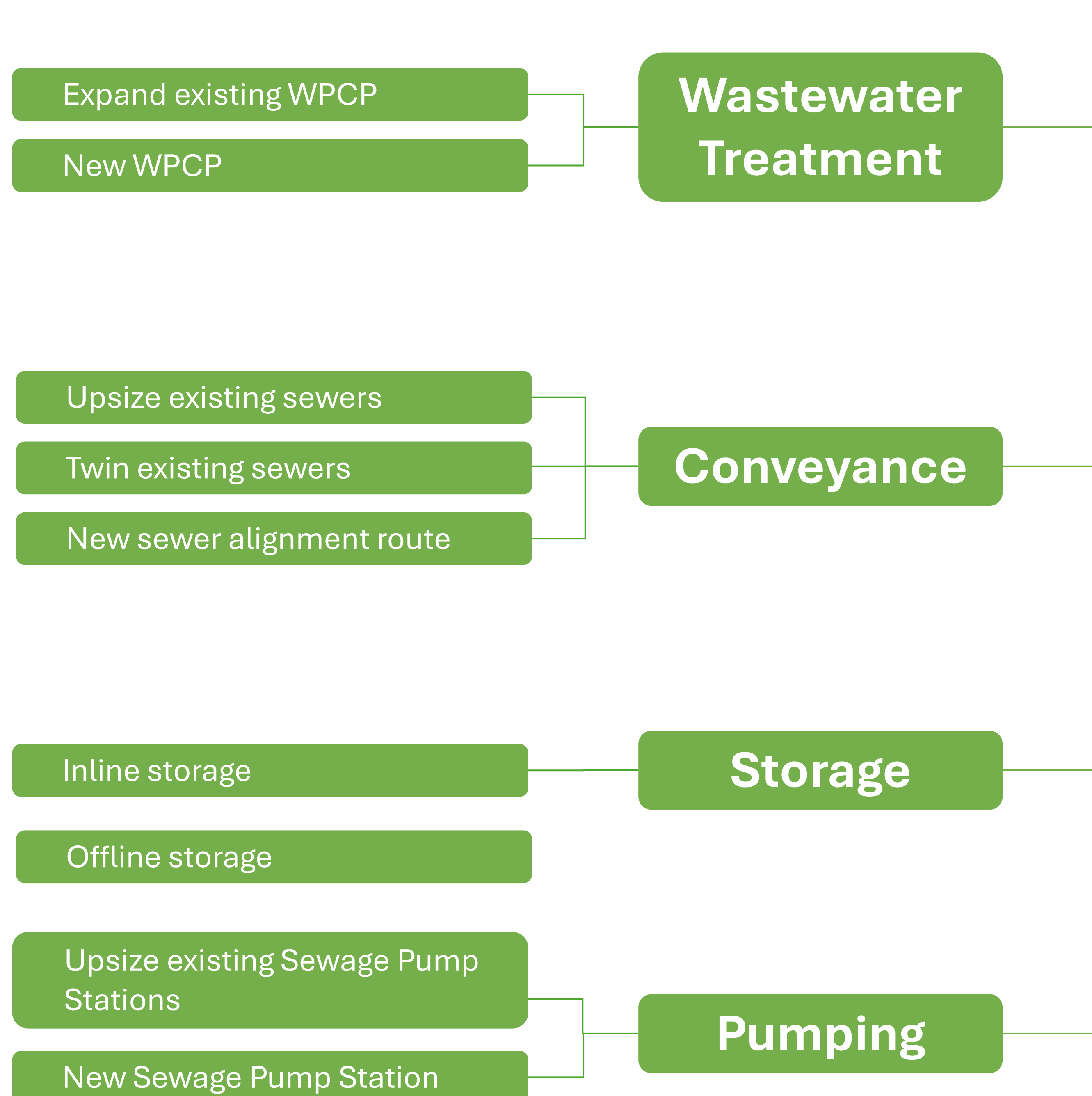
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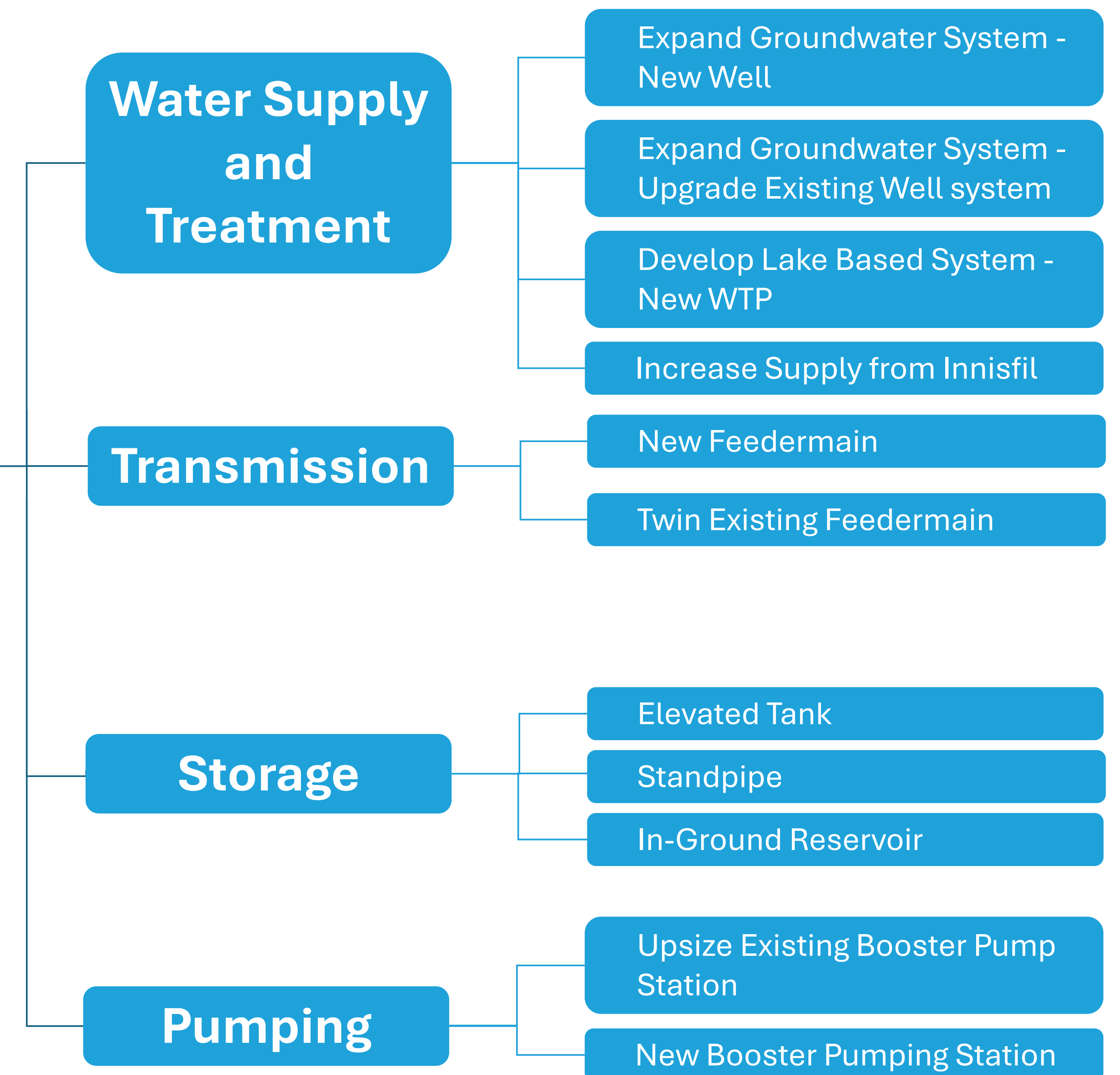
Last Updated: May 2025
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Potential Servicing Strategies

Wastewater System



Water System



Key Milestones

1

Summer/Fall 2025

- Develop and evaluate alternative servicing strategies
- Assimilative capacity study

2

Winter 2026

- Public Information Centre #2
- Present preliminary recommendations for public feedback

3

Spring 2026

- Project File Report
- Notice of Completion

Next Steps



Consult and consider input from the public, agencies, stakeholders, and Indigenous peoples



Complete assimilative capacity study



Develop and evaluate strategy alternatives and select preliminary preferred servicing alternative strategy



Prepare material for and present second Public Information Center

Do you have any questions, comments, or want to stay up to date? Please contact us.

Questions

Provide your feedback by **June 27, 2025** on the bottom of the project [page](#).

Study Webpage

Learn more about the project from <https://www.townofbwg.com/en/living-in-bwg/bwg-water-and-wastewater-master-plan.aspx>

Contact the Project Team

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Please note that information related to this study will be collected in accordance with the Freedom of Information and Protection of Privacy Act. All comments received will become part of the public record and may be included in the study documentation prepared for public review.