

Water and Wastewater Servicing Master Plan Township of Centre Wellington Public Information Centre #1, May 30, 2024

Welcome

The Township of Centre Wellington welcomes you to this Public Information Centre.

The Goals of this Public Information Centre:



Introduce the project and why it is being done.



Provide background information on the existing water and wastewater system.



Provide an overview of the process that will be followed for the project.



Answer any questions that you may have.

What's Involved In The Water And Wastewater Servicing Master Plan?

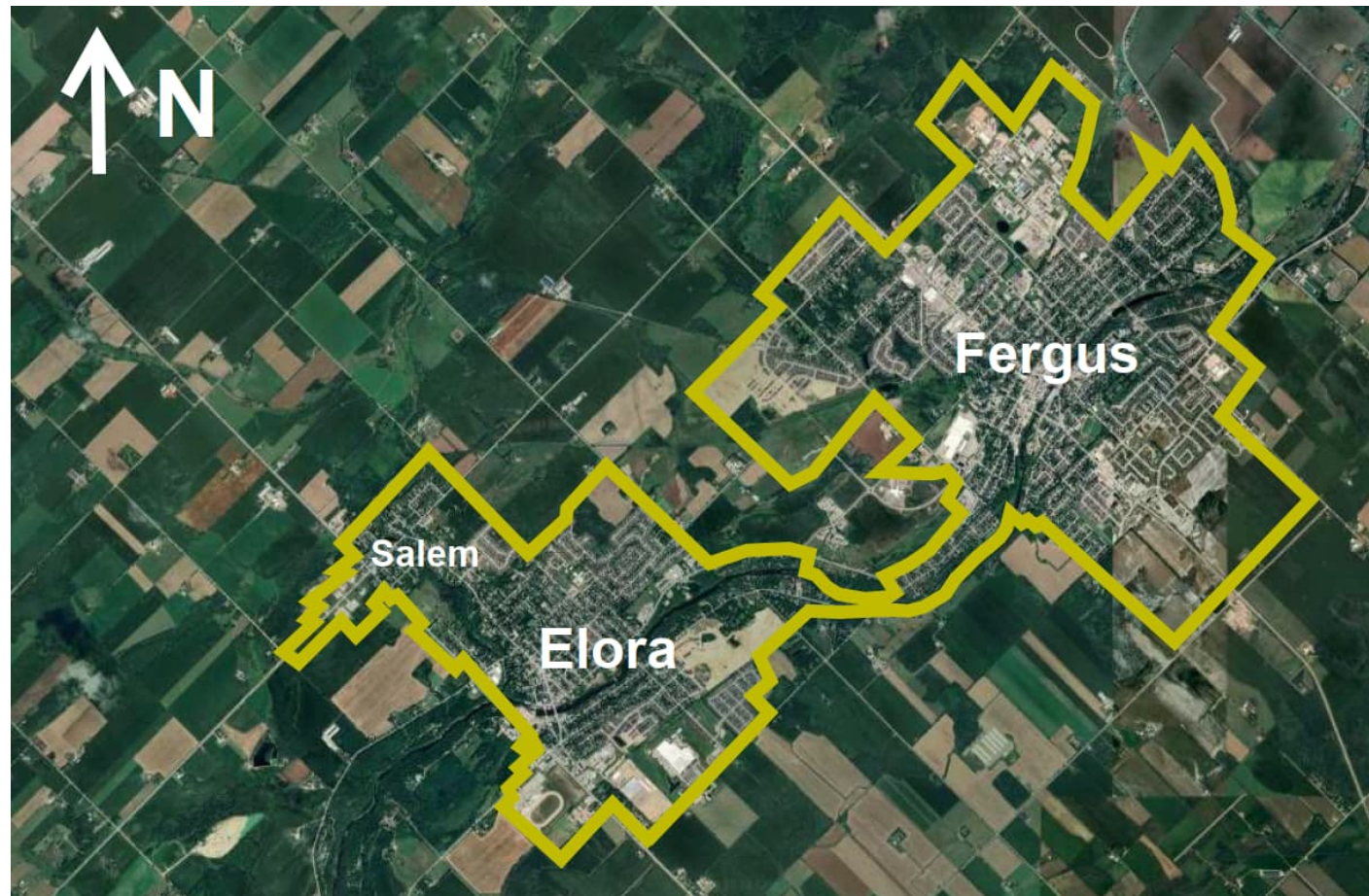
- The Township is undertaking a Master Servicing Plan (MSP) study under the Municipal Class Environmental Assessment framework.
- The MSP study will follow Approach #1 (high level study) under the Master Planning Framework.

Centre Wellington is Growing

We are planning water and wastewater servicing for the anticipated growth of Fergus and Elora / Salem to 2051.

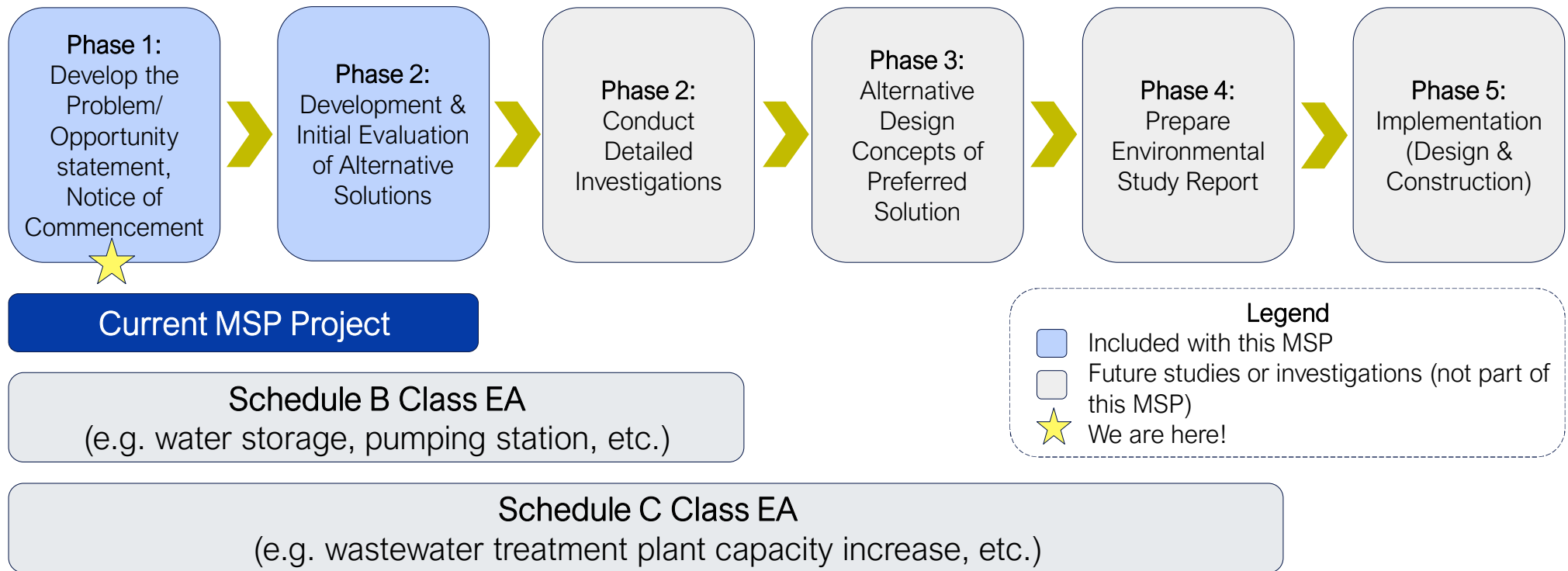
Objectives

- Establish timelines for addressing servicing gaps.
- Identify short- and long-term strategies for servicing and expanding water and wastewater capacity
- Provide a roadmap for required infrastructure projects.

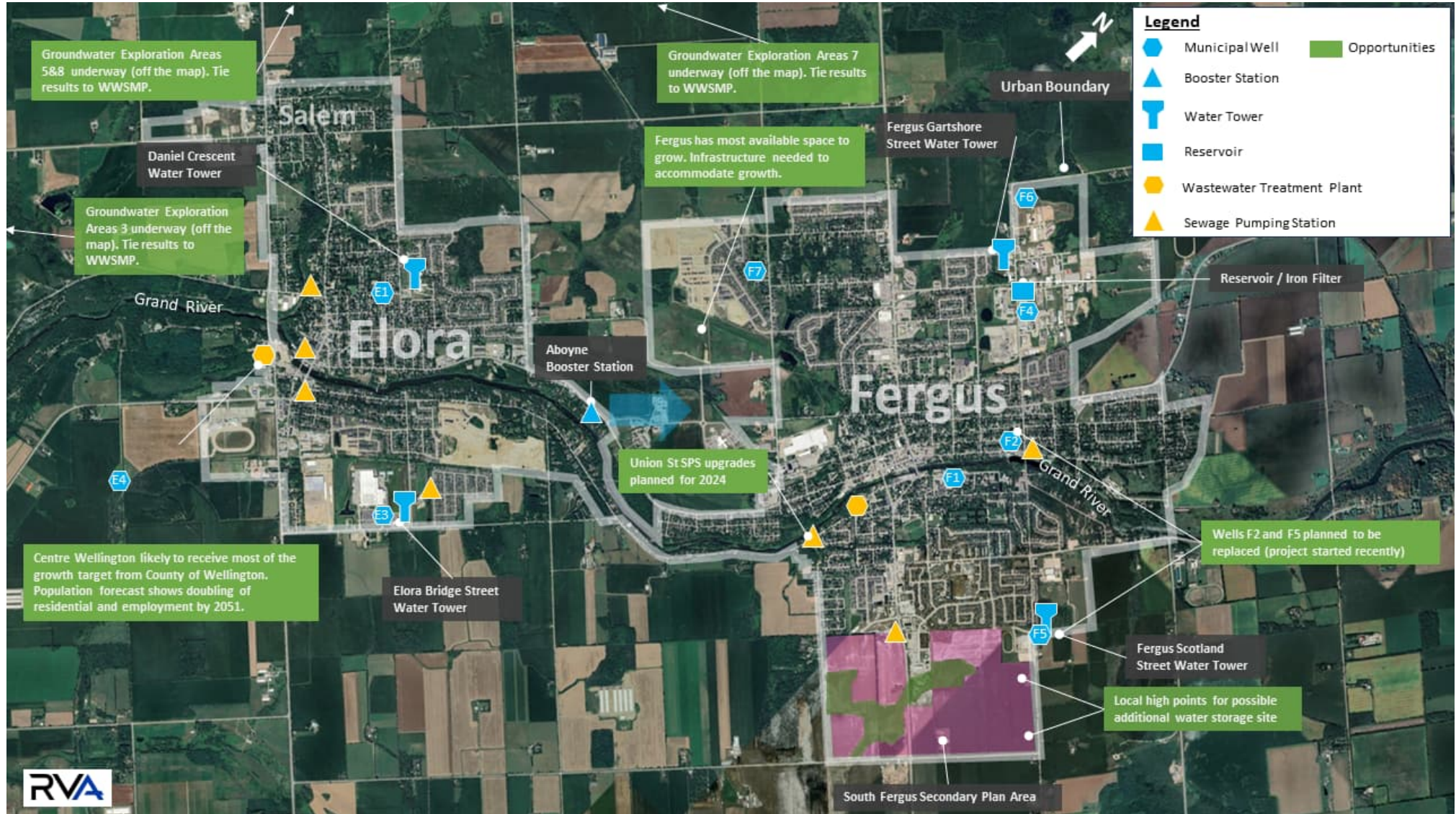


The Municipal Class EA Process

The Master Servicing Planning (MSP) study will complete Phase 1 and a portion of Phase 2 of the environmental assessment process. Any Schedule B or C projects resulting from this MSP will require additional investigations or study to fulfill Class EA requirements.



Overview of Existing Infrastructure



What's Changed Since the 2019 Water Supply Master Plan?

2019 Water Supply Master Plan

- Estimated the growth in Centre Wellington to 2041.
- Determined how much water supply is required.
- Considered water conservation and demand management, as well as alternative water supplies.



The Current Study

- Identify areas of future development requiring water and wastewater servicing.
- Determine future water and wastewater servicing requirements.
- Identify and evaluate solutions to expand the existing sanitary collection and water distribution systems to service the future population to 2051.
- Establish the design criteria for water distribution and sanitary collection systems.
- Model the existing water and wastewater systems.
- Assessment of the future expansion of the Fergus WWTP.
- Provide a 30-year funding requirement forecast.

Problem and Opportunity Statement

Problem

The Township is attracting many new residents and businesses. To meet the future needs of the community, solutions to grow the water and wastewater servicing infrastructure need to be evaluated.

Approach

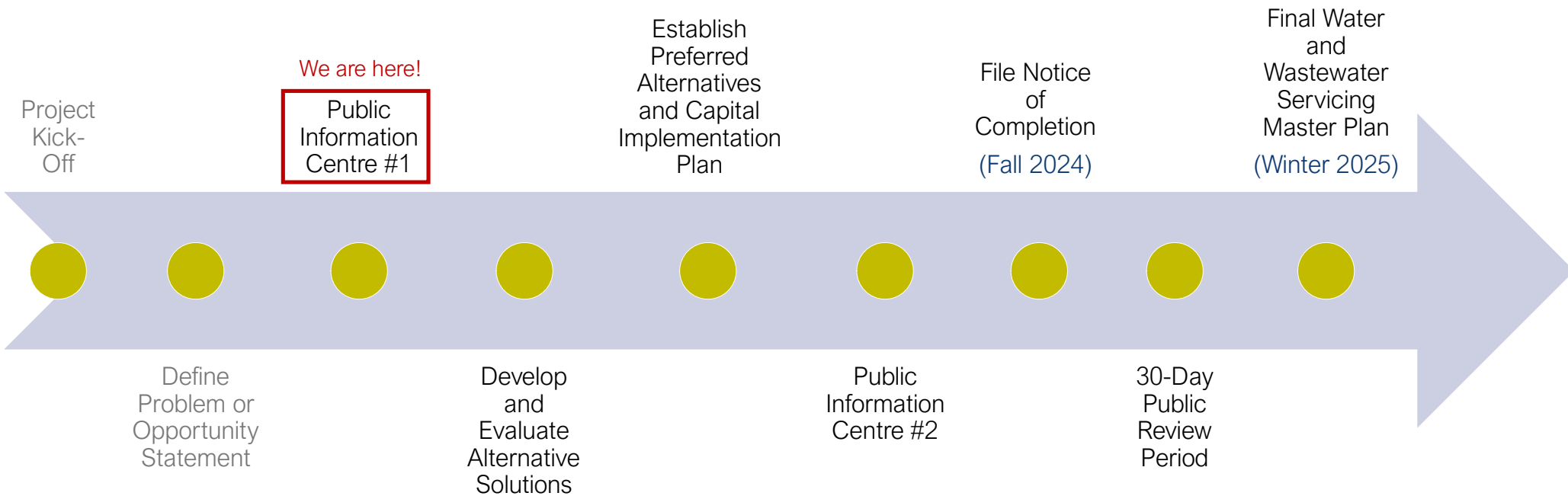
The Water and Wastewater Servicing Master Plan will identify capacity constraints and identify and evaluate opportunities to increase system capacity to accommodate for growth to the 2051 planning horizon.

Objectives

Preferred solution(s) will be prioritized and implemented in phases to address short and long-term goals and needs, and shall:

- Comply with applicable regulations to provide adequate water and wastewater servicing.
- Consider stakeholder comments and concerns.
- Aim to build climate change resiliency.
- Reduce system complexity and improve ease of operations.
- Aim to improve existing levels of servicing.
- Consider sequencing of solution implementation.
- Consider realistic design criteria.
- Be financially viable and reduce lifecycle cost.
- Be socially and environmentally responsible.

Next Steps



Thank You for Attending!

Questions or Comments?

-  Complete a comment sheet this evening.
-  Submit comments to a project team member.
-  Presentation materials available at: www.connectcw.ca/WWSMP.

Project Team Members

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