



Mississippi Mills Water & Wastewater Infrastructure Master Plan Project Background: 2012 to 2022

2012: Water and Wastewater Infrastructure Master Plan

2018: Master Plan Update

- For Almonte
- To the year 2031

- Reaffirmed preferred servicing alternatives from 2012 Master Plan.
- Roadmap for future upgrades within the sewage collection, pumping and treatment systems and the water supply, distribution, and storage systems for short, mid, and longterm requirements.

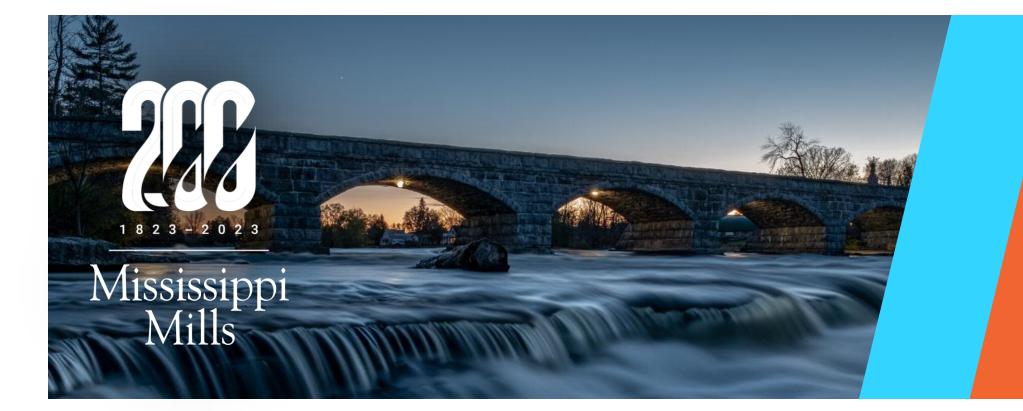
2018-2022: Changes within the Municipality

- New population projections from Lanark County.
- Commissioning of the Victoria Street trunk sewer and watermain.
- Expansion of the Urban Boundary in an Official Plan Amendment.
- Construction of new water reservoir and booster pumping station.

2023: New Water and Wastewater Infrastructure Master Plan

- To develop water and wastewater servicing strategies that align with updated population projections.
- To meet existing regulations, existing and future service areas for Almonte over the next 25 years.
- To create tools for operational and capital improvements to the water and wastewater systems.





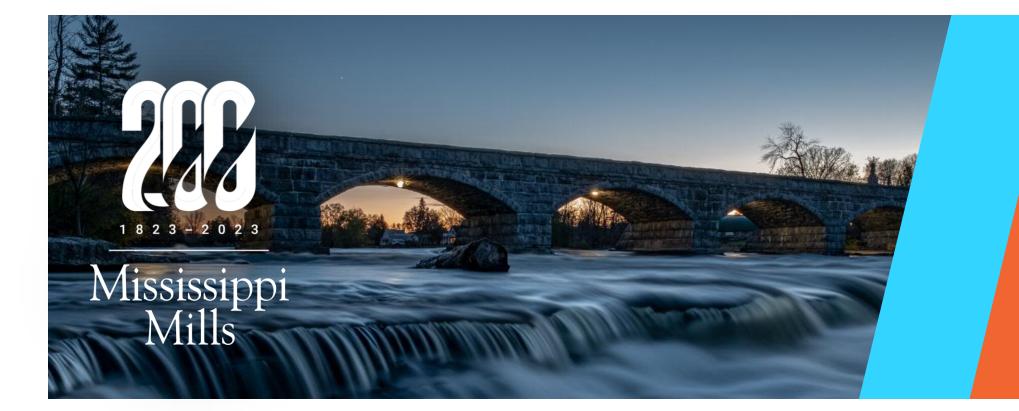


Mississippi Mills Water & Wastewater Infrastructure Master Plan Phase 1: Problem or Opportunity

To establish existing conditions and constraints while also accurately forecasting future demands.

- Collecting and reviewing background documents.
- Confirming future growth and planning projections.
- Establishing a design basis and future water and wastewater demand projections.
- Reviewing water supply capacity to meet projected water supply demands.
- Reviewing wastewater treatment capacity to meet projected wastewater treatment demands, with a focus on the Gemmill's Bay Pumping Station.
- Updating the existing hydraulic Water Model and Trunk Wastewater Model.
- Summarize findings and update stakeholders.







Mississippi Mills Water & Wastewater Infrastructure Master Plan Phase 2: Alternative Solutions

Develop servicing options for population projections and identify a preferred solution.

- Reviewing alternative water and wastewater servicing options and selecting a preferred alternative(s).
- Developing an interactive Annual Master Planning Tool with key information.
- Preparing a draft Master Plan Report for review.
- Presenting findings of the Draft Master Plan to Council.
- Holding a Public Information Centre to present the proposed alternatives and preferred solution to the public.
- Re-evaluating servicing concepts based on the comments received.
- Filing the Master Plan with the Ontario Ministry of the Environment, Conservation, and Parks for 30-day Review Period.
- Issuing the Notice of Completion.
- Finalizing the Master Plan Report.



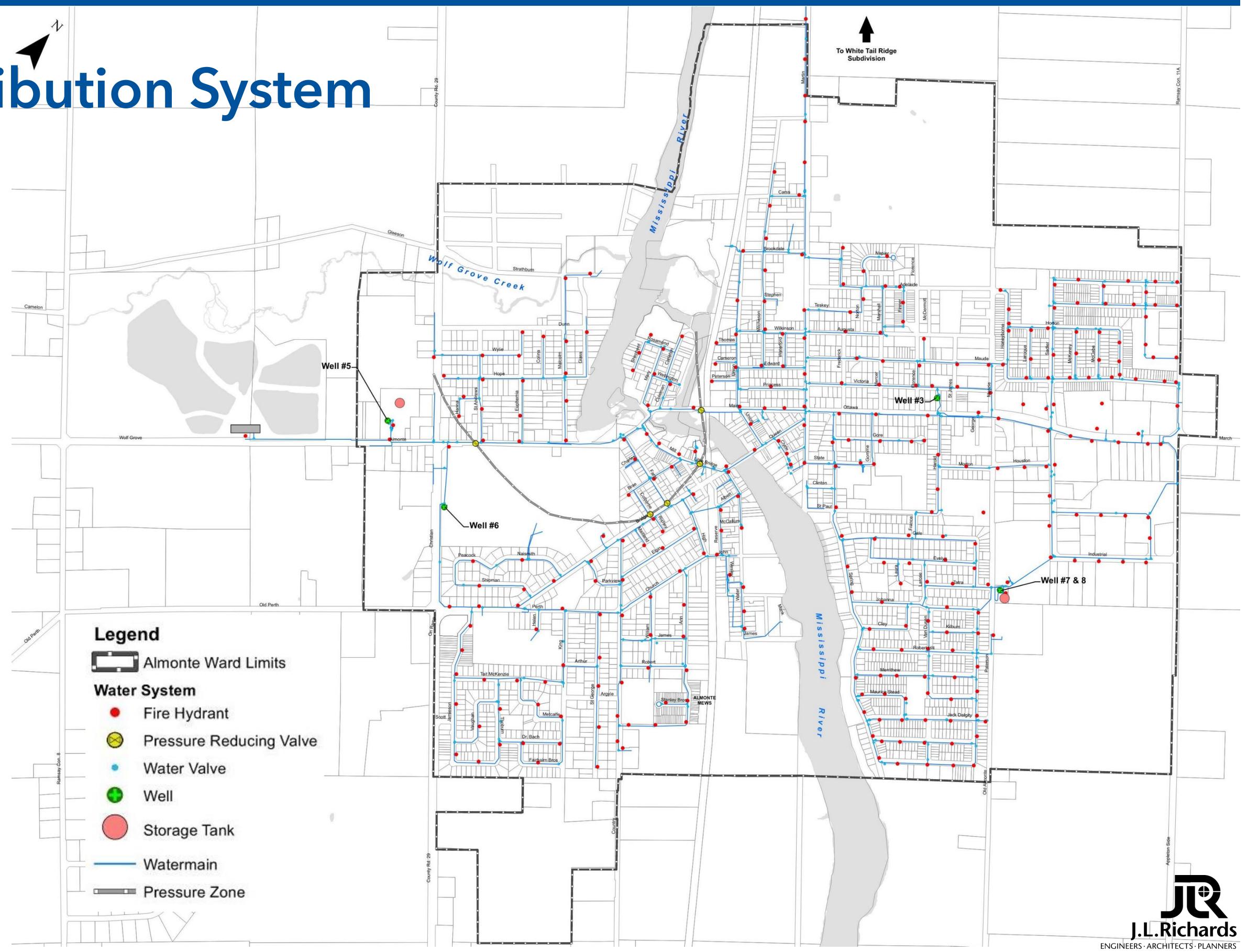




Existing Water Distribution System

Components

- 5 Drilled Wells
 - Well 3
 - Well 5
 - Well 6
 - Well 7 and 8
- Owned by Mississippi Mills and operated by the Ontario Clean Water Agency



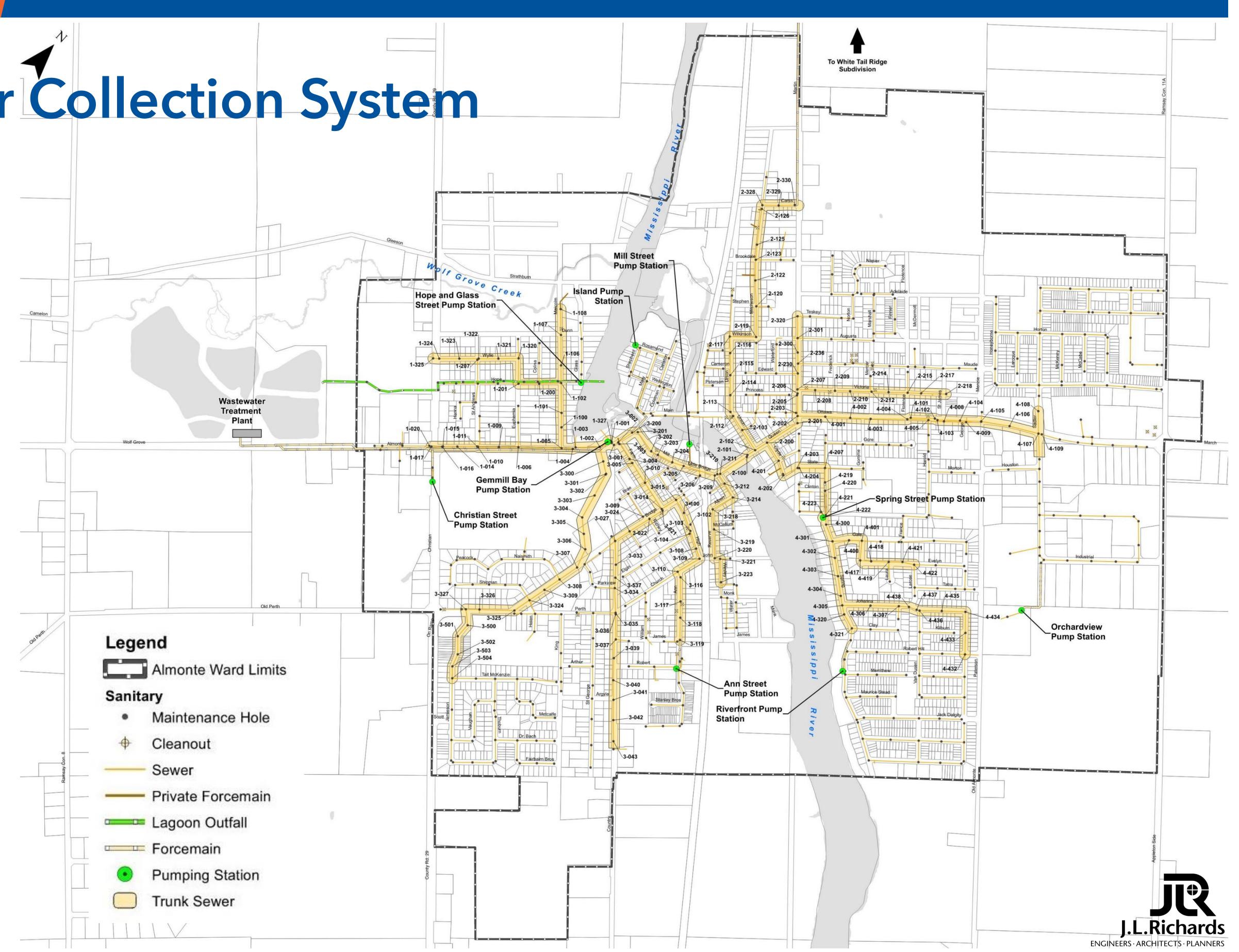




Existing Wastewater Collection System

Components

- Wastewater Treatment Plant:
 - Grit removal
 - Aeration and anoxic tanks
 - Secondary clarifier
 - Filtration
 - UV disinfection
- Owned by Mississippi Mills and operated by the Ontario Clean Water Agency







Project Timeline

- 1 April: Public Information Centre No. 1
- 2) May: Finalize population projections
- (3) June: Phase 1 Report
- 4) August: Assessment of Alternatives
- 5) September: Public Information Centre No. 2
- (6) October: Finalize Phase 2 Report
- 7 November: 30 Day Review Period

Approach 1 of the Class Environmental Assessment Process

The Water & Wastewater Infrastructure Master Plan is being conducted in accordance with the Master Planning process as outlined in the Municipal Engineers

Association (MEA) Municipal Class Environmental Assessment (MCEA) process, following "Approach #1".

This is an approved process under the Environmental Assessment Act. The Master Planning process will complete Phase 1 and 2 of the Class EA process.

Public & Stakeholder Engagement

- Develop a Public/Agency Engagement Plan
- Identify stakeholders, mandatory contacts and other interested parties.
- Issue Notices by Mail and Email for
 - Commencement
 - Public Information Centres
 - Completion

For More Information:

To provide comments, preserve appeal rights, and to stay updated, please visit:

mississippimills.ca/en/ MM2048.aspx









Let Us Know What You Think!

The space below is for your comments or questions.

