

Foreword by the General Manager

On behalf of the Region of Peel, I am pleased to introduce the 2020 Water and Wastewater Master Plan for the Lake-Based Systems (“the Master Plan”). This report is the culmination of over three years of work and effort by our staff and others. As General Manager of Water and Wastewater, I am proud of what the project team has achieved. Thank you to everyone who contributed their thoughts, expertise, ideas and time to the development of this master plan.

The study followed the municipal Class Environmental Assessment process and the report will be available for public review beginning on June 29, 2020. The Master Plan report consists of five volumes, each with a focus on:

1. Executive Summary
2. Background and Planning Context
3. Water Master Plan
4. Wastewater Master Plan
5. Public and Agency Consultation

The 2020 Water and Wastewater Master Plan has been informed and enriched by extensive collaboration with internal and external stakeholders. This collaboration included local municipal partners and the development industry as part of a comprehensive and enhanced approach to plan and manage future growth in the Region. Other enhancements to this Master Plan are the inclusion of organic loading projections at the wastewater treatment plants, in addition to hydraulic flow projections, and new distinct design criteria for residential and non-residential growth.

As one of the fastest growing municipalities in Ontario, the Region of Peel is expected to add 542,000 residents and 275,000 jobs over the next 20 years, growing to almost two million people by 2041. Recognizing these increased demands on the water and wastewater systems, the Region needs to develop financially and environmentally sustainable long-term servicing strategies that are aligned to service these needs.

We acknowledge that, at the time of filing this document, our world is experiencing unprecedented disruption due to a global pandemic caused by COVID-19. The Region of Peel remains under the State of Emergency it declared on March 18, 2020. During this difficult period Public Works, as an essential service provider, has continued to operate and maintain our existing infrastructure and plan for future growth.

While we recognize that COVID-19 may challenge our planning assumptions, it is too early to assess the extent of impacts on projected growth and implementation of the capital program. As always, our approach to master planning is to remain flexible and adjust the plan to adapt to changing needs. We will continue to confront these challenges and others on an annual basis when completing the capital budget and through the Region's ongoing growth management program.

We look forward to continued collaboration with partners, stakeholders and residents as we implement, monitor and update the plan over time to meet Peel's water and wastewater servicing needs over the next 20 years and beyond.

Ultimately, our goal is to efficiently and effectively deliver services that support our communities to be healthy, complete and resilient. I encourage you to read through the document to learn more and to engage with our staff when you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Anthony Parente', written in a cursive style.

Anthony Parente, P.Eng.

(Acting) General Manager, Water and Wastewater,
Public Works
Region of Peel