



York Region's Water and Wastewater Master Plan Updates

Ajax, 21 February 2008
Pickering, 25 February 2008

Water and Wastewater Sustainability Key Initiatives

Wisely Use Water



Water Use and Wastewater Flow Reduced

Region and Community Partnerships Reduce Wet Weather Sewer Flow

Water and Wastewater Sustainability Key Initiatives

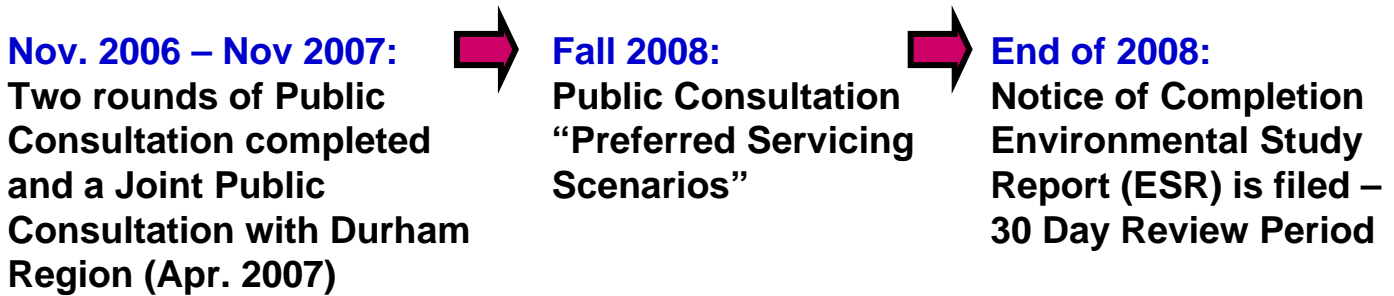


Maintain Healthy Watersheds

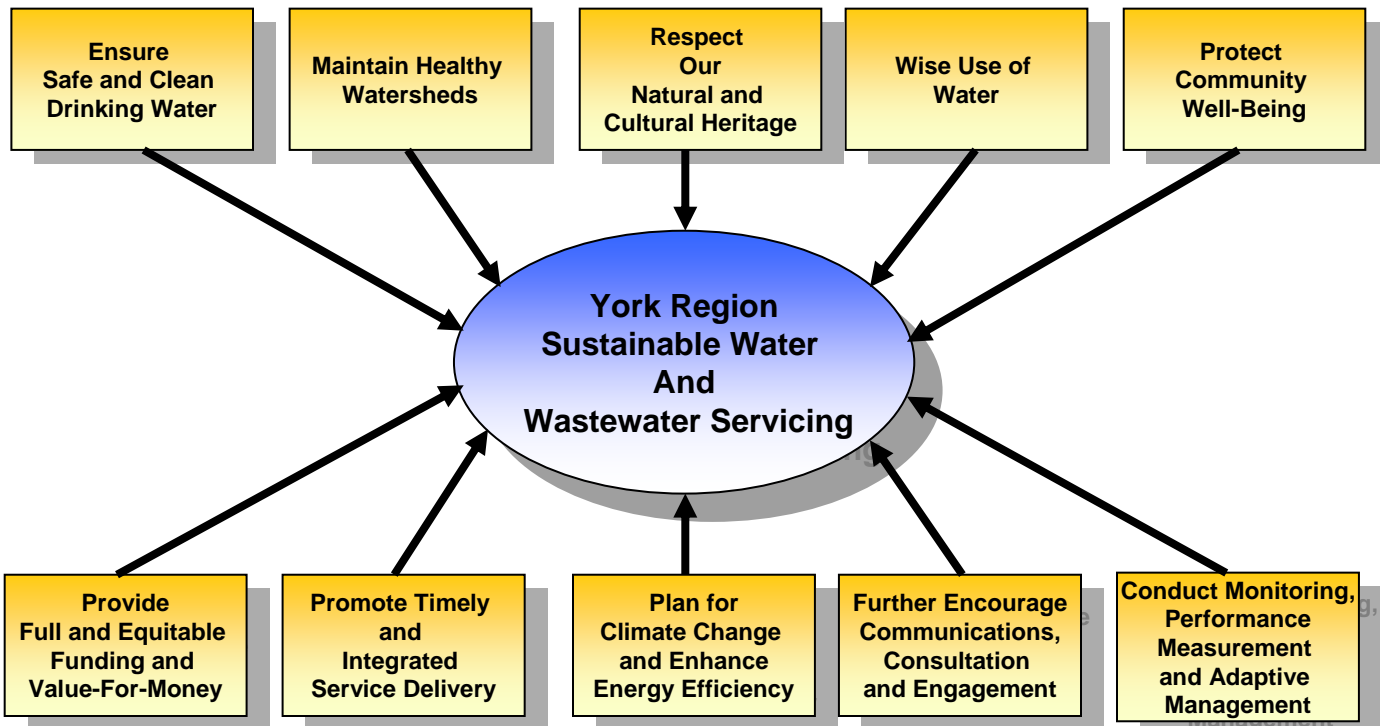


Watershed Leadership Through "Total Water Management"

Status of York Region's Water and Wastewater Master Plan



Water and Wastewater Sustainability Principles



Master Plan Studies and the Growth Management Plan

Background

- We continue to experience growth pressures
- York Region continues to be a highly desirable place to live and is forecasted to be the single largest contributor to growth in the Greater Golden Horseshoe to 2031
- We are assessing 30%, 40% and 50% intensification scenarios as well as No Boundary Expansion. The 40% 2031 scenario calls for 570,000 more people and 345,000 more jobs.

Growth Projections for York Region – *Places to Grow Provincial Plan*

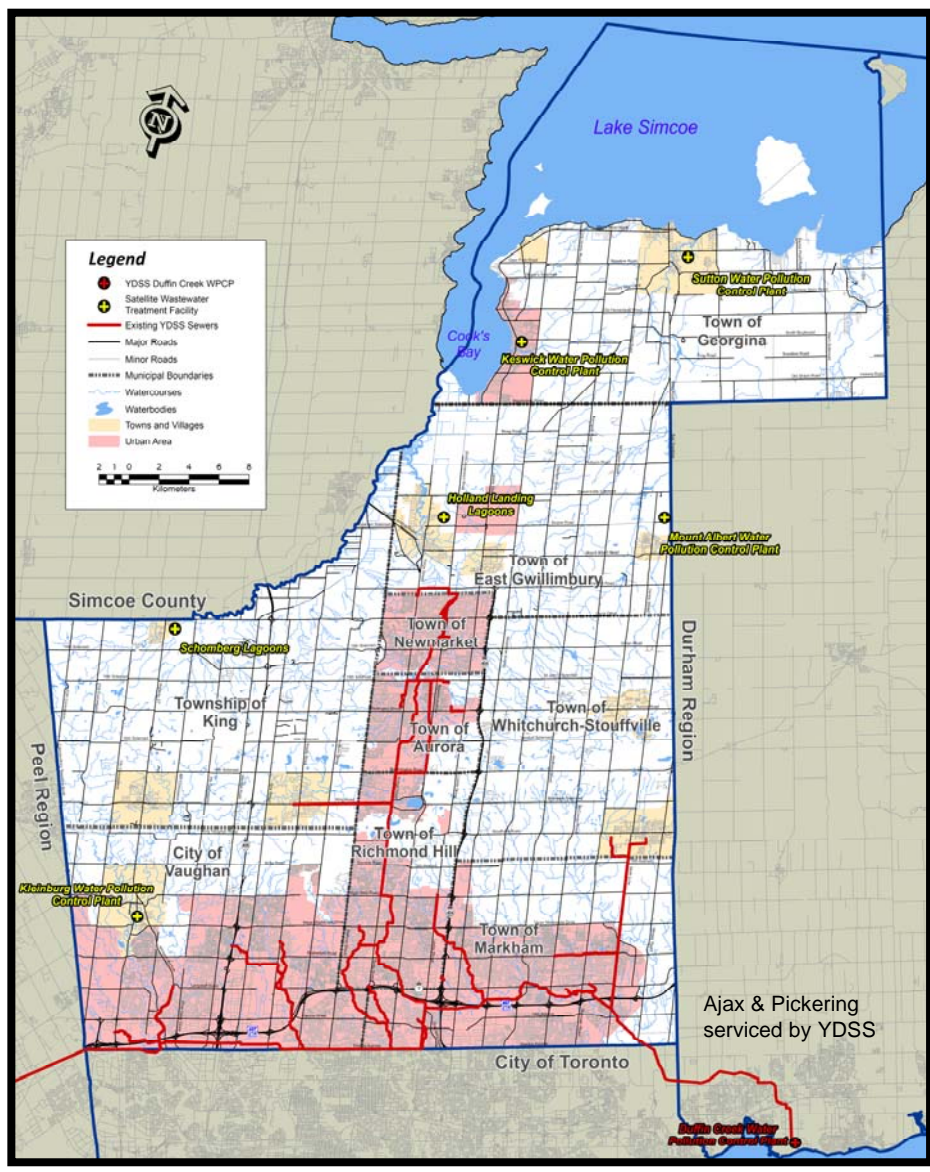
	2006	2031 Projected	2006-2031 Increase (n)	2006-2031 Increase (%)
Population	935,000	1,505,000	570,000	61%
Employment	460,000	800,000	345,000	72%
Housing	278,000	516,000	238,000	86%

Purpose

- To plan infrastructure and program support for sustainable growth

York Durham Sewage System (YDSS)

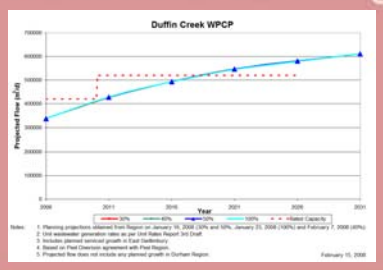
Wastewater Servicing



- Comprehensive sewage collection system that directs sewage to the Duffin Creek WPCP
- Maximum operating capacity of the Duffin Creek WPCP is 520 ML/d
- Treated effluent discharged to Lake Ontario
- 2006 YDSS serviced residential population is 1,000,000 persons (including Ajax and Pickering in Durham Region)



Wastewater Servicing



Opportunities and Constraints

- Future wastewater flows will require increased treatment capacity
- Current plant expansion will require a future Environmental Assessment to be undertaken to address the limitations of the existing outfall
- Maximum operating capacity of the Duffin Creek WPCP is 520 ML/d until such time as outfall improvements are implemented

Our Challenges:

Several of York Region's Water and Wastewater Master Plan recommendations may result in joint York-Durham projects, including:

- Southeast Collector Trunk Sewer
- Maximum capacity at Duffin Creek Water Pollution Control Plan
- Flow impacts may require improvements to the York and Durham Collector Systems

How to Become Involved with the York Region Master Plan

- Attend future PCCs in York Region
- Read our newsletters
- Take our Water and Wastewater Master Plan Survey
- Visit: <http://york.waterwastewatermasterplan.ca>
- Send us your comments and questions! Please contact:

Hamid Hatami, P.Eng.

Phone: 905-830-4444, ext. 1573

Toll Free: 1-877-464-9675, ext. 1573

Fax: 905-895-0191

Email: Hamid.Hatami@york.ca

