

# Welcome!

## To a Public Consultation Centre Focusing on The York Durham Sewage System

Durham Region and York Region

April 17, 2007  
Pickering Recreation Centre

## Public Consultation Centre Hosts

- Durham Region
  - Rich Tindall, Project Manager, Durham Region
  - Chris Hamel, Project Manager, KMK Consultants
- York Region
  - Hamid Hatami, Project Manager, York Region
  - Stan Holden, Project Manager, Genivar
- Facilitator
  - Dave Hardy, Public Consultation Lead, Hardy Stevenson and Associates

## Agenda

- 7:00-7:30 p.m. Open House
- 7:30 – 8:00 p.m. Formal Presentation
- 8:00 – 9:00 p.m. Questions & Answers
  - Visit displays
  - Talk with staff
  - Submit written comments

## Objectives for the Evening

- To discuss the Regions' on-going Water and Wastewater Master Plan Update studies and the interrelation between the York Durham Sewage System (YDSS) and these studies
- To provide you with an overview of the YDSS
- To hear your ideas about how to best plan for key infrastructure related to the YDSS

## Water & Wastewater Master Plans

- Both Regions are currently preparing separate water and wastewater master plans that will identify long-term strategies for the design and operation of all municipal water and wastewater systems in the Regions
- Provide a water and wastewater infrastructure planning framework based on population and employment forecasts to 2031, with considerations to over sizing for servicing beyond 2031
- Comply with Phases 1 and 2 of the Class Environmental Assessment Process (EA)
- Are conducted in a series of 'stages' – baseline review, developing sustainable infrastructure principles & evaluation criteria, evaluating alternatives, recommending strategies

## Water & Wastewater Master Plans continued

- The future of the YDSS, as a major system of infrastructure, is being planned for within both the York Region Master Plan and the Durham Region Master Plan
- Your comments will be incorporated into the master planning processes
- Plan for infrastructure requirements beyond those recommended by previous Master Plans and Environmental Assessments

## Growth Forecasts for York Region (Places to Grow Provincial Plan)

	2006 Existing	2031 Forecasts	2006-2031 Increase	2006-2031 Increase (%)
Population	920,000	1,500,000	580,000	63%
Employment	450,000	780,000	330,000	73%
Housing	275,000	500,000	225,000	82%

January 2006

- York Region is forecast to be the single largest contributor to growth in the Greater Golden Horseshoe to 2031
- In the past several years, the context of growth and planning has changed in South Central Ontario, brought about through Provincial initiatives

## Growth Forecasts for Durham Region

	Existing	2031 Forecasts	
		DC Supply	Places to Grow
Population	589,850 (2006)	1,054,000 (79% Increase)	960,000 (63% Increase)
Employment	191,050 (2005)	422,600 (221% Increase)	350,000 (183% Increase)
Housing	196,400 (2006)	347,200 (178% Increase)	350,000 (178% Increase)

## Planning For Growth

Legislation Impacting Local Growth Scenarios

- Provincial Planning Legislation
  - Places to Grow Act - 2006
  - Oak Ridges Moraine Conservation Act - 2002
  - Greenbelt Protection Act - 2004
  - Provincial Policy Statement, 2005
- Provincial Water Regulations
  - Clean Water Act - 2006
  - Great Lakes Charter Annex - 2005
  - Safe Drinking Water Act - 2002

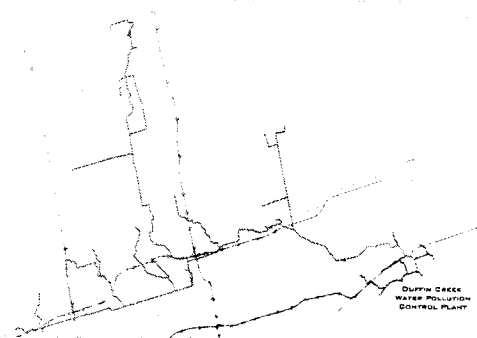
## The Public Consultation Plan

- York Region
  - Public Meetings – just like tonight
  - Newsletters (1 so far, 1 coming soon)
  - Website ([www.york.waterwastewatermasterplan.ca](http://www.york.waterwastewatermasterplan.ca))
  - Technical Advisory Committee
- Durham Region
  - Public Meetings – just like tonight
  - Newsletters (2 so far, 1 more in Fall 2007)
  - Website (<http://www.kmk.ca/DurhamMP/>)
  - Stakeholder Advisory Committee
  - Meetings with area municipalities

## The YDSS

- Inter-Municipal Wastewater System that services the urban areas of Pickering and Ajax in Durham Region, and the urban areas in York Region
- Comprises a network of trunk sewers and pumping stations that convey wastewater to the Duffin Creek Water Pollution Control Plant in Pickering for treatment

## The YDSS

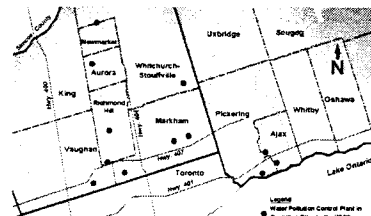


## Operational Responsibilities

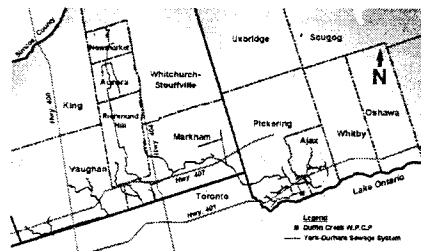
- Components that solely service Durham Region are owned, operated and planned by Durham Region
- Components that solely service York Region are owned, operated and planned by York Region
- Common components of the YDSS that convey and treat wastewater for both Regions are jointly owned, operated, and planned by both Regions; and operated by Durham Region on behalf of the Regions

## Overview of the YDSS

- In the 1960's it became apparent that discharges from sewage treatment facilities were impacting the quality of water in GTA rivers and creeks



- Effluent from local sewage treatment facilities was being conveyed to Lake Ontario via the local watercourses that flowed through the GTA
- It was recognized that growth in the GTA would place further strain on sewage treatment facilities and their receiving watercourses
- Responding to public concern, the MOE began construction of the YDSS in the mid-1970's
- The YDSS conveys sewage to an advanced treatment facility in Pickering, and effluent is discharged to Lake Ontario 1 km offshore
- Construction of the YDSS has been phased to allow for the provision of capacity as needed



- MOE and TRCA data show that water quality in our rivers and creeks has improved significantly

- The YDSS continues to provide opportunities to benefit the environment:
  - The Stouffville WPCP was constructed in 1962, with effluent discharged to the Duffins Creek watershed
  - The connection of the Stouffville community to the YDSS in 2006 has allowed the existing sewage treatment facility to be decommissioned

## Key Joint Infrastructure

- Duffin Creek Water Pollution Control Plant
  - Class EA recently approved for an expansion of the plant
- Southeast Collector Trunk Sewer
  - Individual EA is currently underway to plan for twinning of the Southeast Collector Trunk Sewer
- Primary Trunk Sewer
- Odour Control Facility
- Metering Facility

## **Inter-Relation Between The YDSS and The Master Plans**

- Since both Regions are preparing concurrent Master Plans, the Regions are using this opportunity to co-ordinate long-term planning for the YDSS as a whole
- Input received on the YDSS will be applied to the Region's individual Master Plan Studies as appropriate
- If you wish to be kept informed on the Master Plan studies, including planning of the YDSS – please let us know

## **Future Public Meetings**

### **Durham Region Water and Wastewater Master Plan**

**Tuesday May 1, 2007**  
Sunderland Memorial Arena  
20 Park Street  
Sunderland, ON  
5:00pm to 8:00pm

**Wednesday May 2, 2007**  
Durham Region Headquarters  
Main Floor-Room 1B  
605 Rossland Road East  
Whitby, ON  
5:00 pm to 8:00 pm

- 8 more PICs in Fall 2007

### **York Region Water and Wastewater Master Plan**

- September 2007
- Markham, East Gwillimbury, King
- Dates and locations TBD

### **JOINT PUBLIC CONSULTATION CENTRE**

- Fall 2007

## **Thanks for spending your time with us tonight!**

- Display boards have more specific information on the YDSS and Master Plan Studies.
- Regional staff and consultants are here to answer your questions. Please visit the displays!
- If you have any comments on how York and Durham Regions can improve their coordination of the YDSS – write it down for us!