

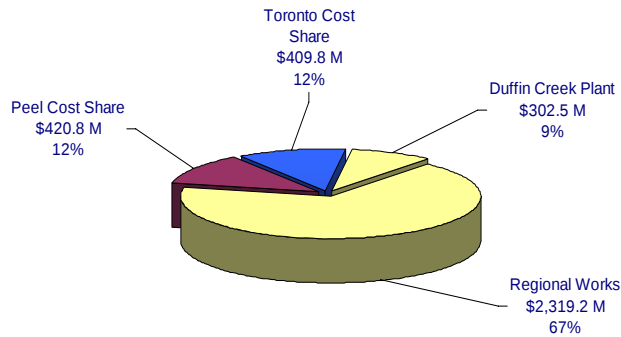
Environmental Services Capital Planning & Delivery Infrastructure Status

Daniel Kostopoulos
December 9, 2009

Overview

- ❑ 2010 – 2019 Capital Plan
- ❑ What We Will Achieve in next 10y
- ❑ Key Infrastructure Triggers
- ❑ Key W&Ww Projects
- ❑ Key Solid Waste Projects

2010 – 2019 Capital Plan



Water & Wastewater 2010 - 2019 Plan \$3.5 B

Solid Waste 2010 - 2019 Plan \$121.3 M



Environmental Services Committee / December 2009

Slide 3

What we will achieve in the next 10 Years...

Water

- Secure water supply to meet additional maximum day demand of 186 ML/day (158 ML/day Peel, 28 ML/day Toronto)
- 87 km of new transmission mains and 107 ML of new storage capacity
- 2 pumping stations upgrade; 2 new pumping station
- Augment water supply capacity to Georgina, King City, Mount Albert, Kleinburg, Nobleton, and Schomberg

Wastewater

- Increase sewage treatment capacity in Duffin Creek Plant to 630 ML/day
- Secure additional treatment capacity from Peel (10 ML/day)
- 70 km of sewers and forcemains and 4 new pumping stations
- Expand water pollution control plant capacity in Kleinburg, Keswick, and Sutton

Solid waste

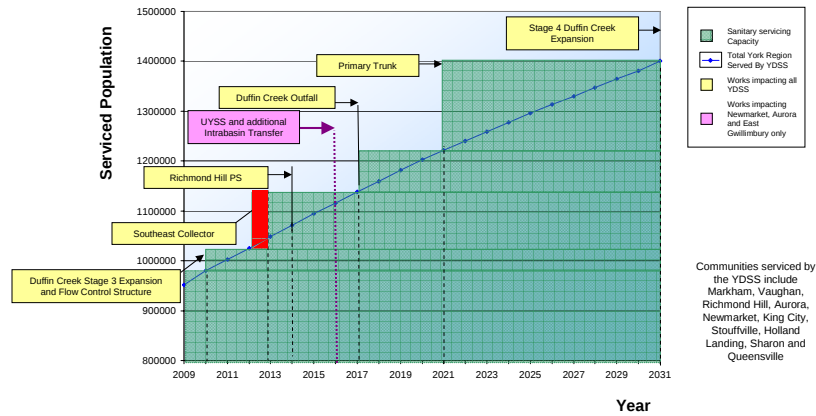
- Achieve 90% (Including CEC's, SSO and EFW) target waste diversion from Landfill in 2015



Environmental Services Committee / December 2009

Slide 4

Key Infrastructure Capacity Triggers - YDSS Serviced Area



Environmental Services Committee / December 2009

Slide 5

Water & Wastewater Capital Projects



Environmental Services Committee / December 2009

Slide 6

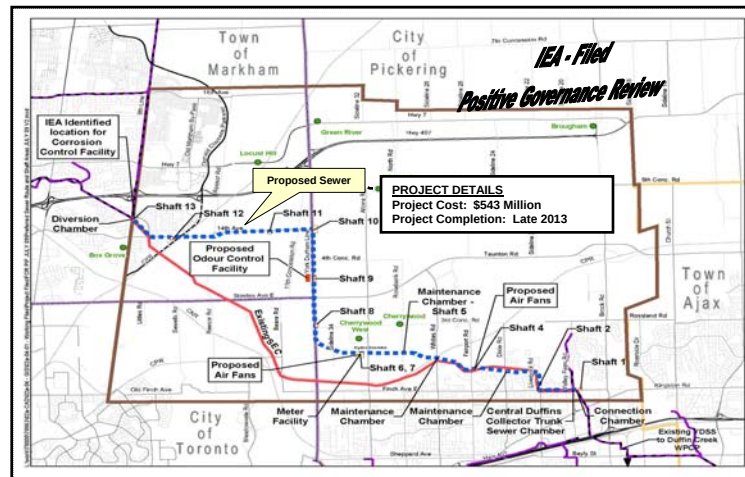
Duffin Creek WPCP Stage 3 Expansion



Environmental Services Committee / December 2009

Slide 7

Southeast Collector Trunk Sewer



Environmental Services Committee / December 2009

Slide 8

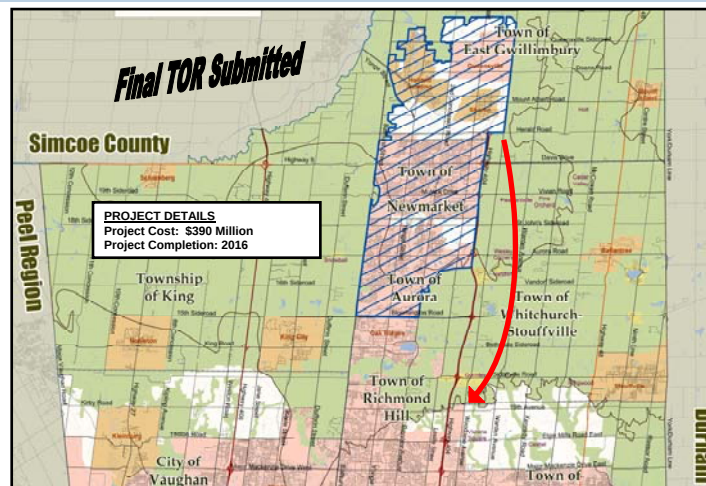
YDSS Flow Control Gates



Environmental Services Committee / December 2009

Slide 9

Upper York Sewage Solutions



Environmental Services Committee / December 2009

Slide 10

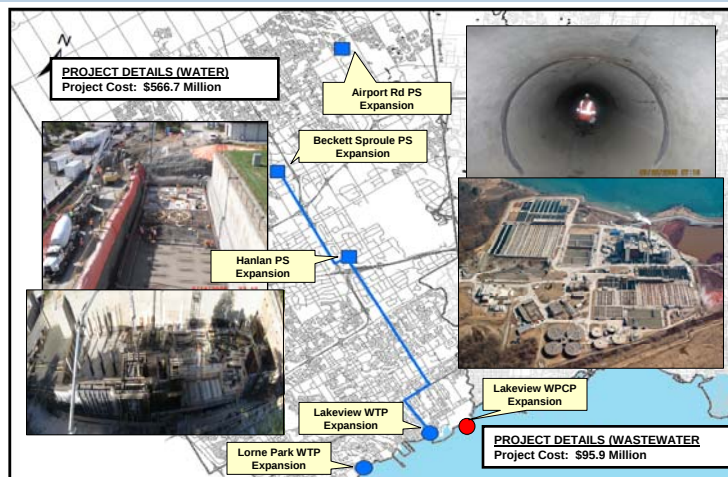
Toronto Cost Shared Works



Environmental Services Committee / December 2009

Slide 11

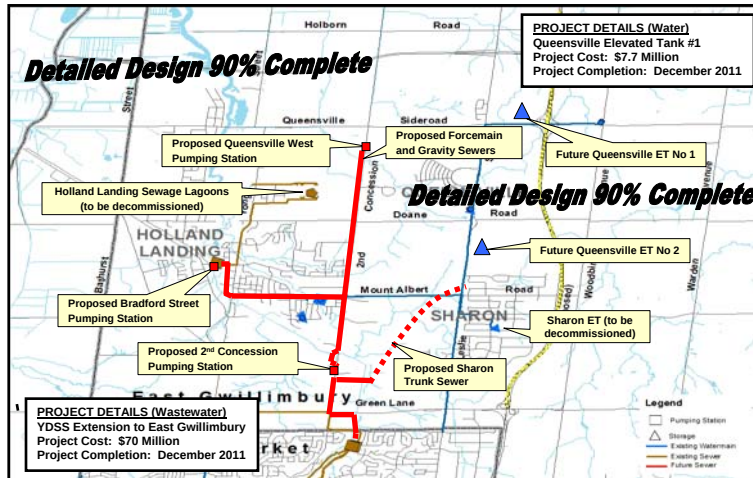
Peel Cost Shared Works



Environmental Services Committee / December 2009

Slide 12

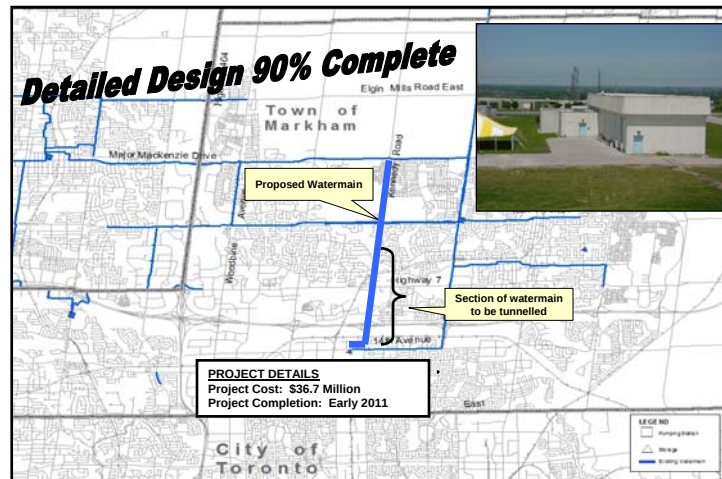
Holland Landing/Queensville/Sharon Servicing



Environmental Services Committee / December 2009

Slide 13

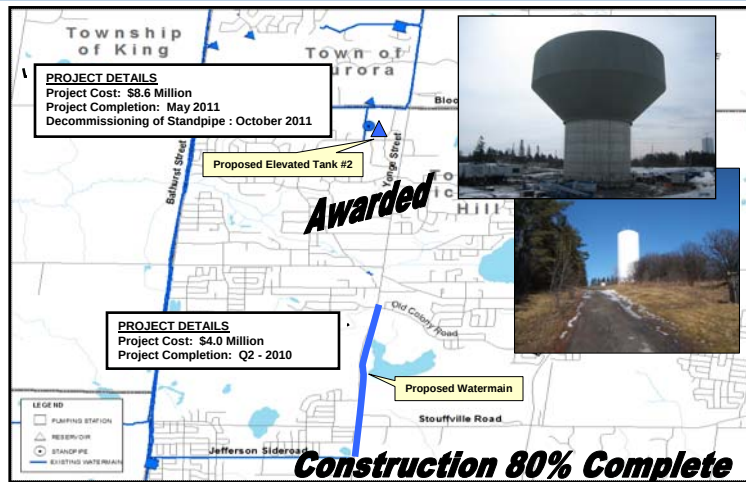
Toronto East Water Supply (Markham)



Environmental Services Committee / December 2009

Slide 14

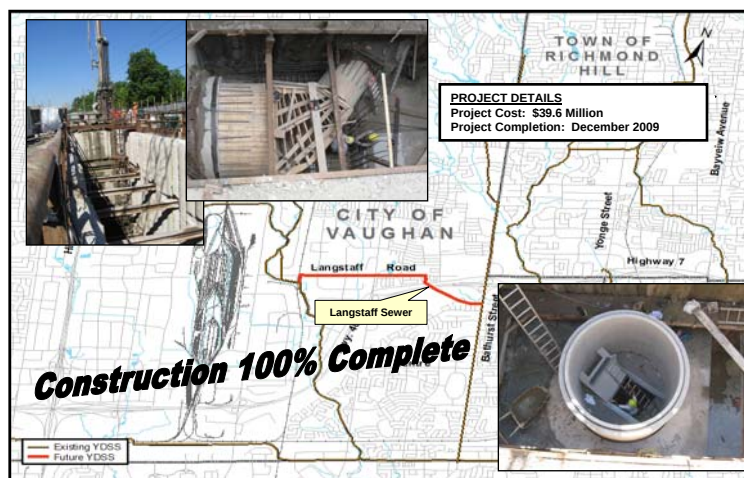
Water Infrastructure (Richmond Hill)



Environmental Services Committee / December 2009

Slide 15

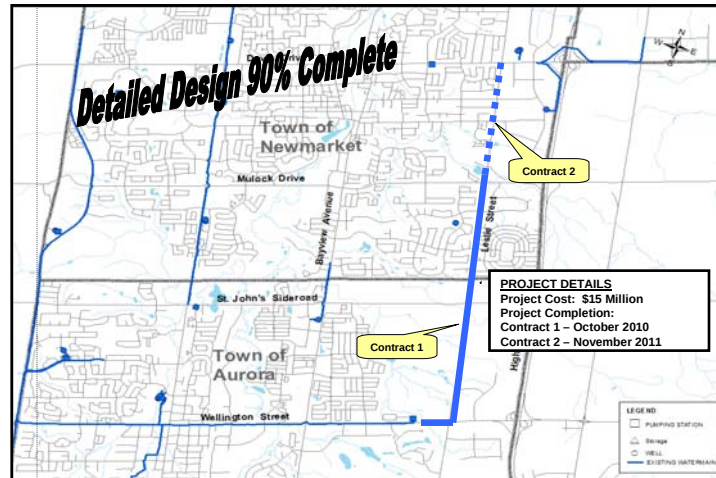
Langstaff Trunk Sewer (Vaughan)



Environmental Services Committee / December 2009

Slide 16

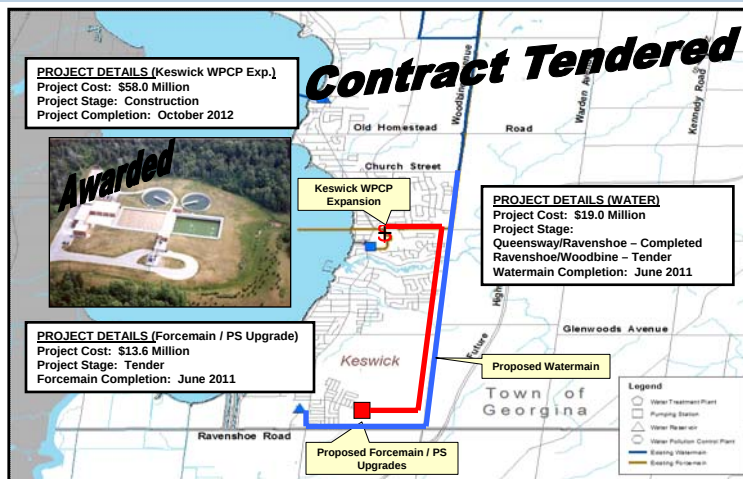
Leslie Street Watermain (Aurora/Newmarket)



Environmental Services Committee / December 2009

Slide 17

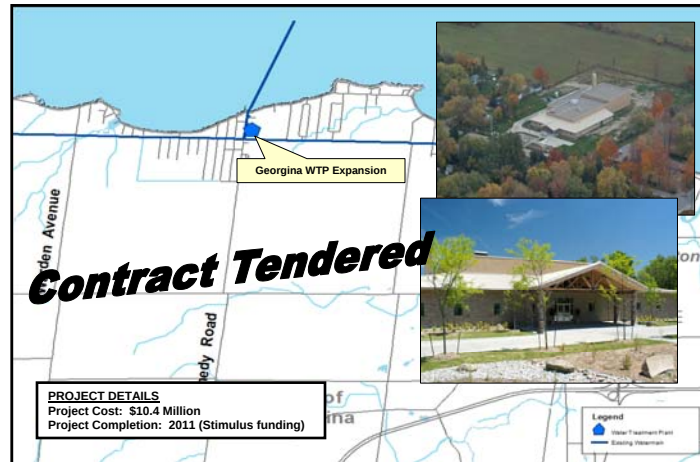
Keswick Servicing



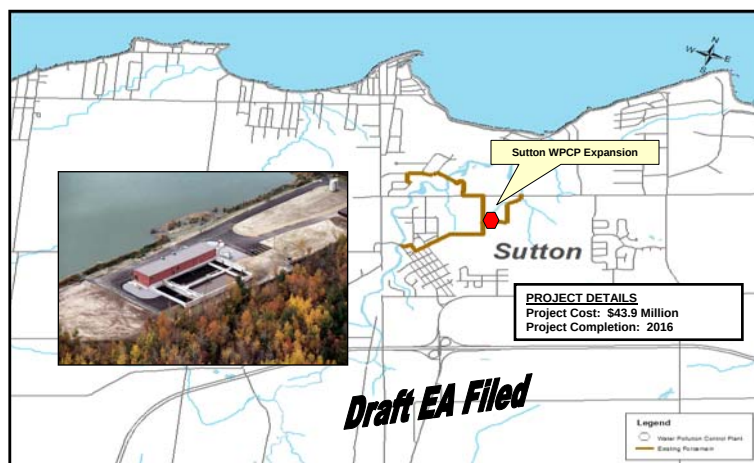
Environmental Services Committee / December 2009

Slide 18

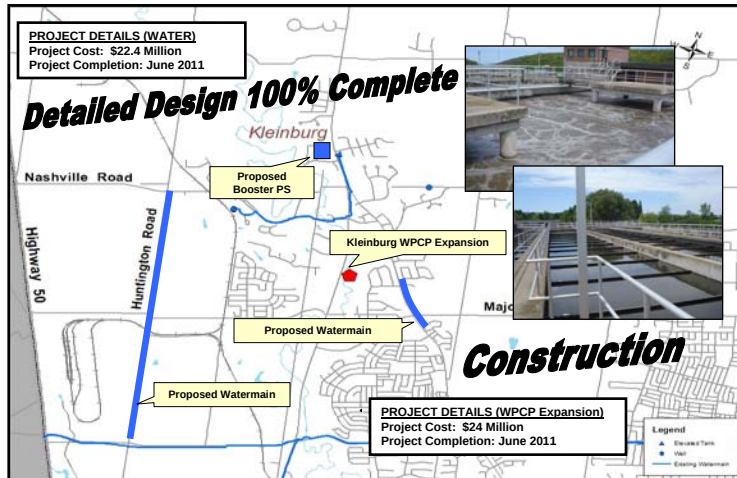
Georgina WTP Expansion



Sutton WPCP Expansion



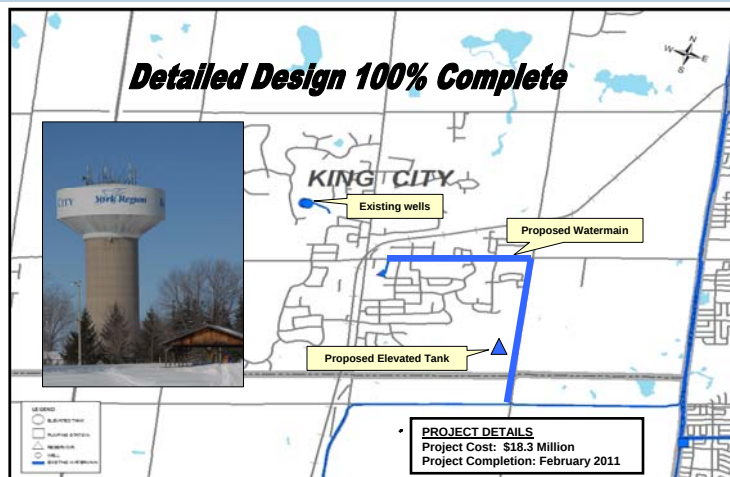
Kleinburg Servicing



Environmental Services Committee / December 2009

Slide 21

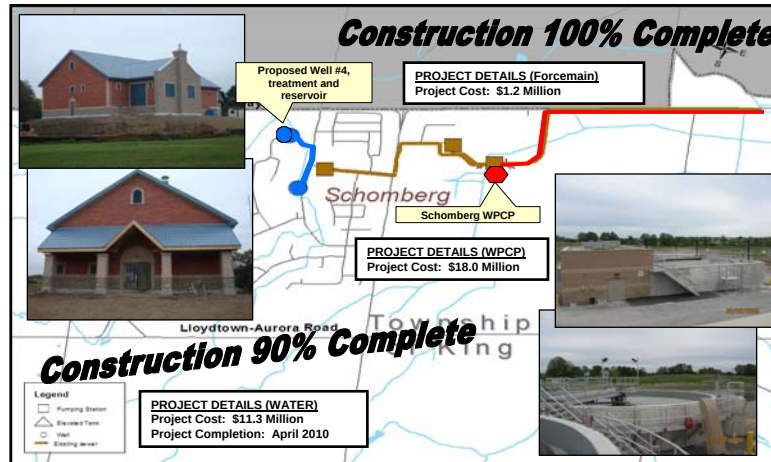
King City Water Supply



Environmental Services Committee / December 2009

Slide 22

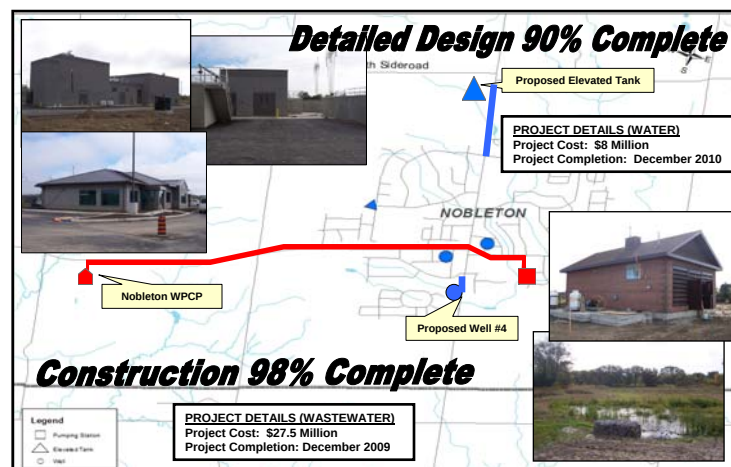
Schomberg Servicing



Environmental Services Committee / December 2009

Slide 23

Nobleton Servicing



Environmental Services Committee / December 2009

Slide 24

Solid Waste Projects



Environmental Services Committee / December 2009

Slide 25

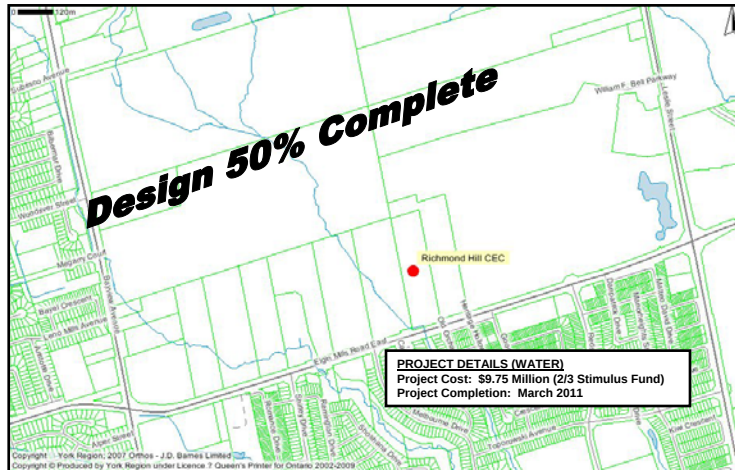
Vaughan CEC



Environmental Services Committee / December 2009

Slide 26

Richmond Hill CEC



Environmental Services Committee / December 2009

Slide 27

MRF Upgrades



Environmental Services Committee / December 2009

Slide 28

Questions



Environmental Services Committee / December 2009

Slide 29