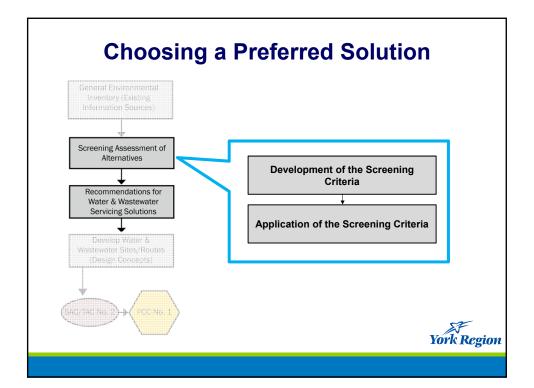
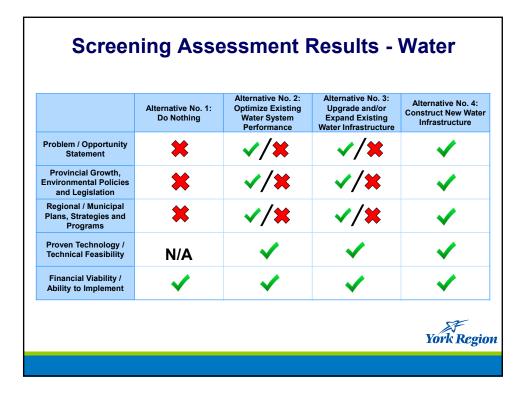
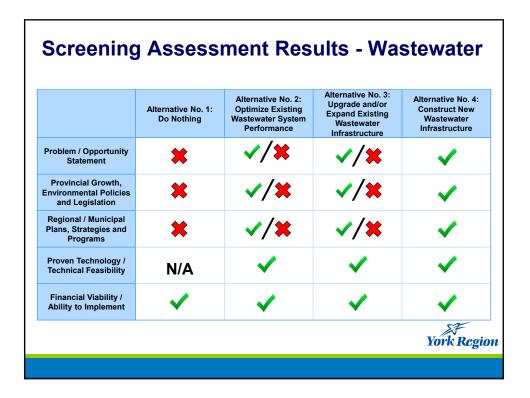


 Water Alternatives	Wastewater Alternatives
Do Nothing	Do Nothing
Optimize Existing Water System Performance	Optimize Existing Wastewater System Performance
Upgrade and/or Expand Existing Water Infrastructure	Upgrade and/or Expand Existing Wastewater Infrastructure
Construct New Water Infrastructure	Construct New Wastewater Infrastructure



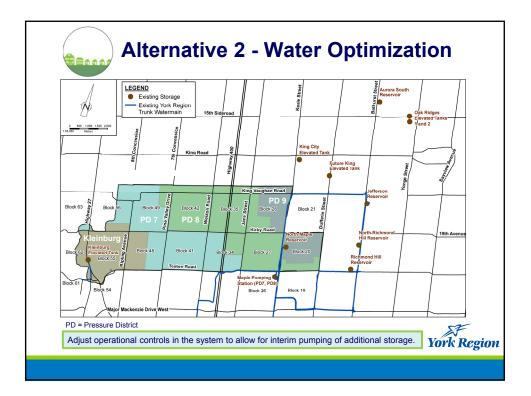
Problem / Opportunity Statement	1	Can the alternative satisfy the problem/opportunity statement?
	2	Is the alternative able to meet the purpose of the Environmental Assessment Act?
Provide stat Orecostly	3	Is the alternative consistent with the Provincial Policy Statement?
Provincial Growth, Environmental Policies	4	Is the alternative consistent with the Growth Plan for the Greater Golden Horseshoe
and Legislation	5	Is the alternative consistent with the Greenbelt Plan?
	6	Is the alternative consistent with the Oak Ridges Moraine Conservation Plan?
	7	Is the alternative consistent with York Region's Official Plan?
Regional / Municipal	8	Is the alternative consistent with York Region's 2009 Water and Wastewater Master Plan Update?
Plans, Strategies and Programs	9	Is the alternative consistent with York Region's Sustainability Strategy for Water and Wastewater Servicing (2008)?
	10	Is the alternative consistent with the City of Vaughan's 2014 Water and Wastewater Master Plan?
Proven Technology /	11	Does the alternative represent proven technology?
Technical Feasibility	12	Is the alternative constructible?
Financial Viability /	13	Is the alternative financially viable?
Ability to Implement	14	Is the alternative within the ability of York Region to implement?

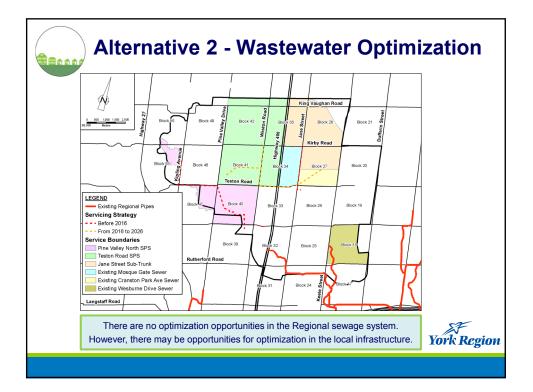




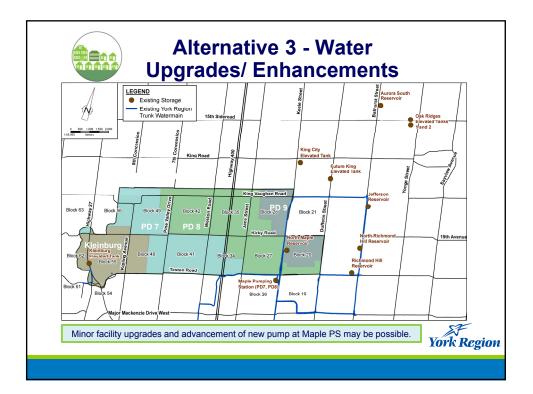


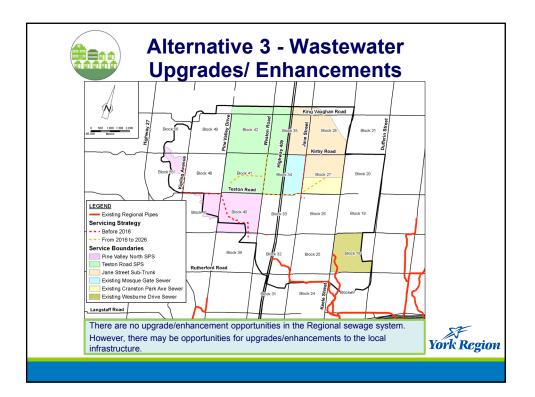


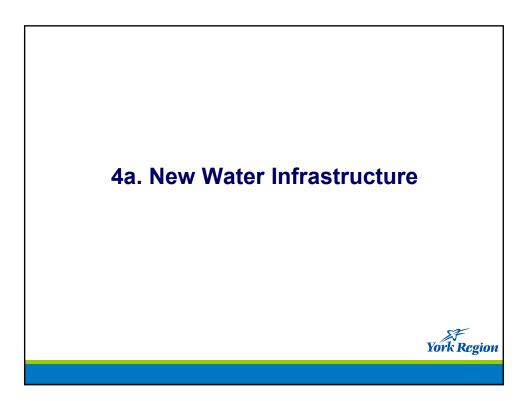




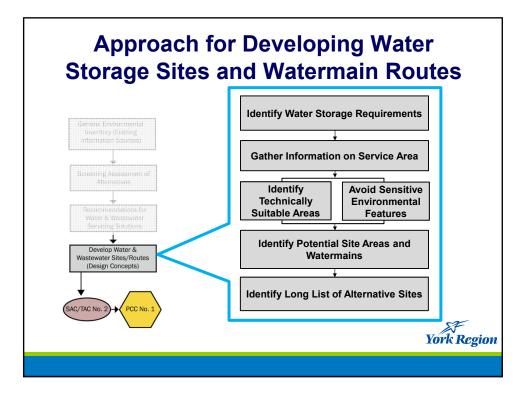


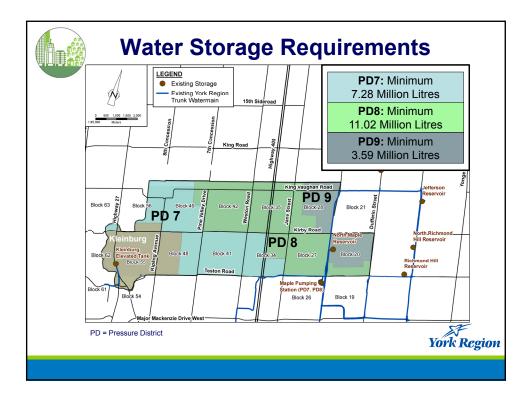


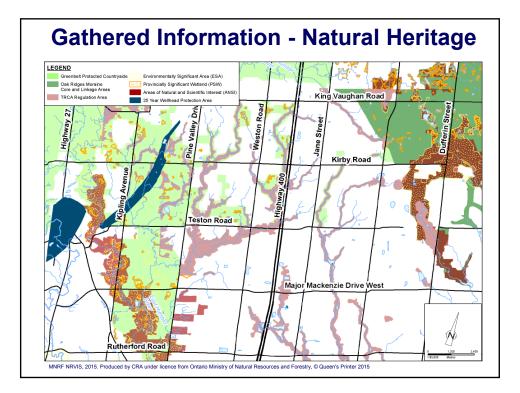


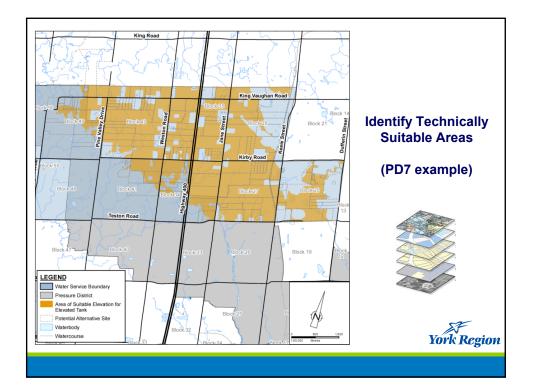


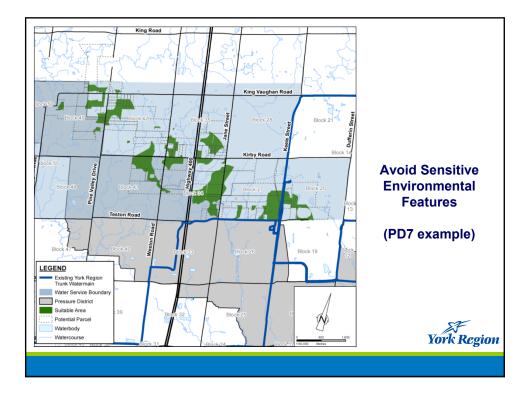


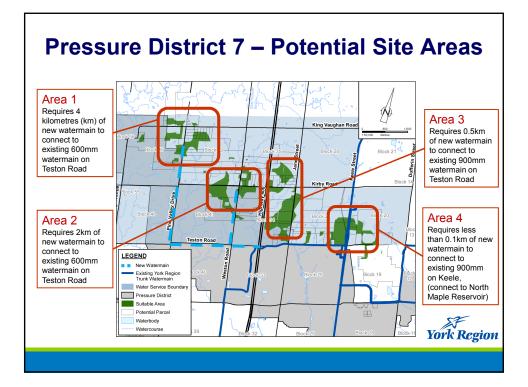


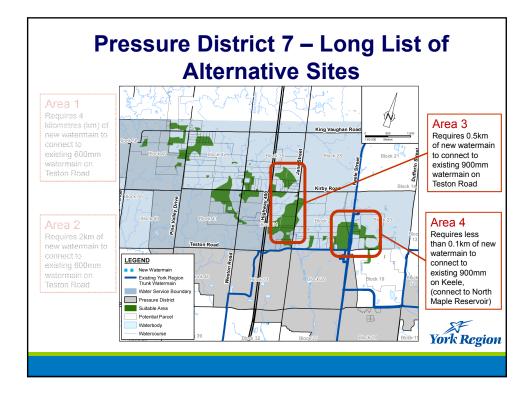


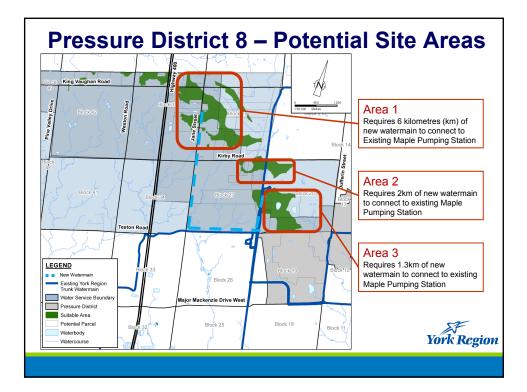


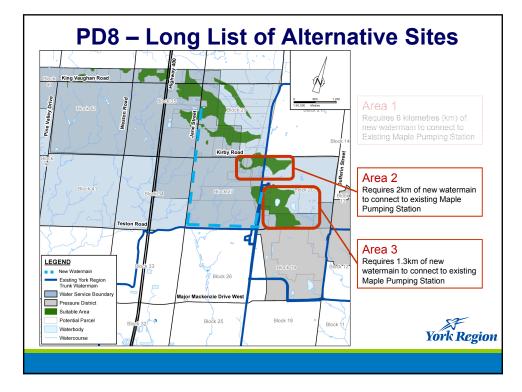


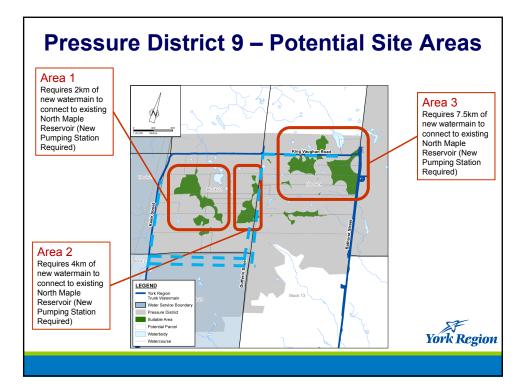


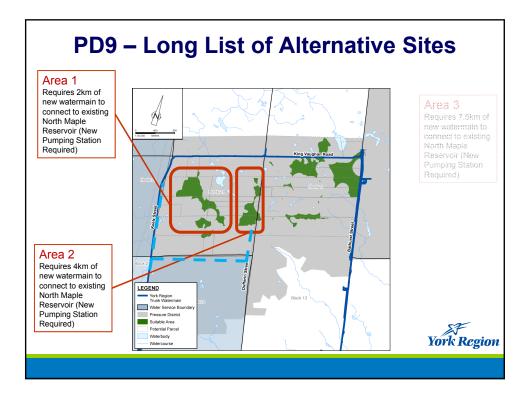


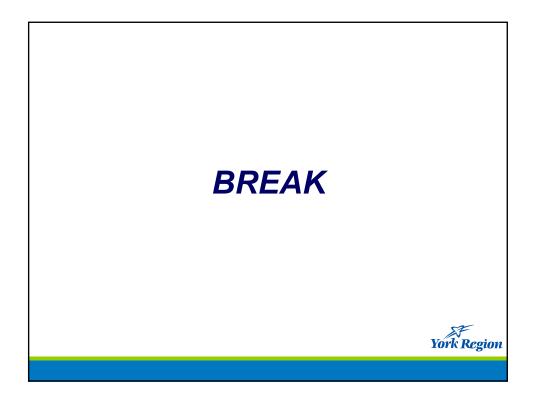


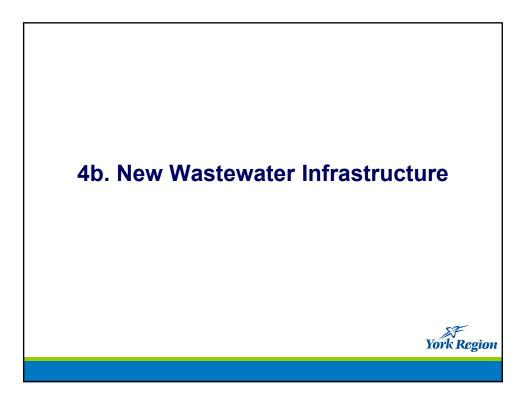


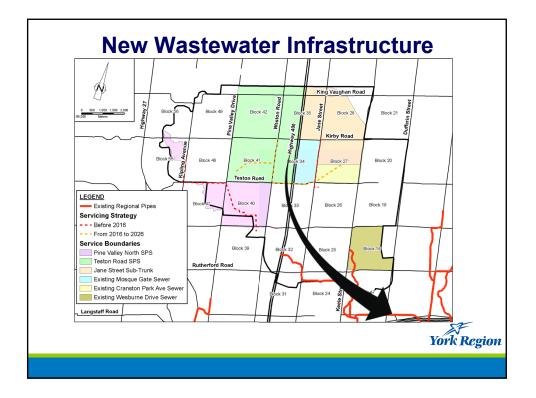


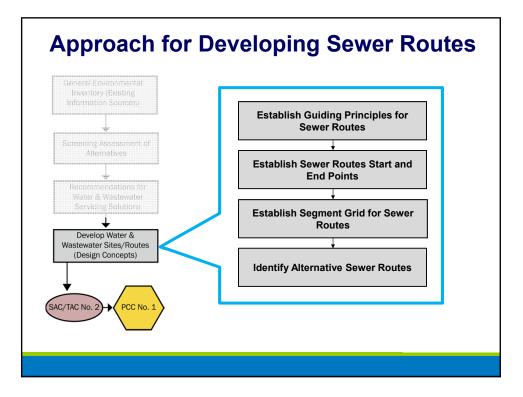






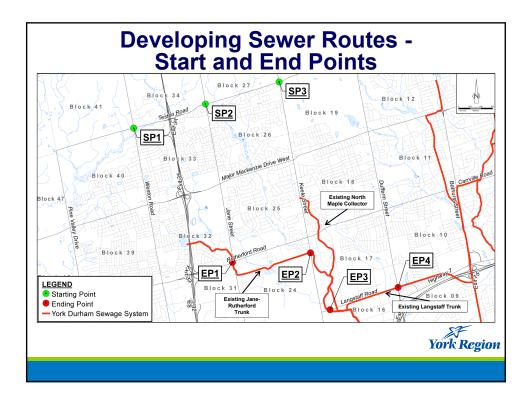


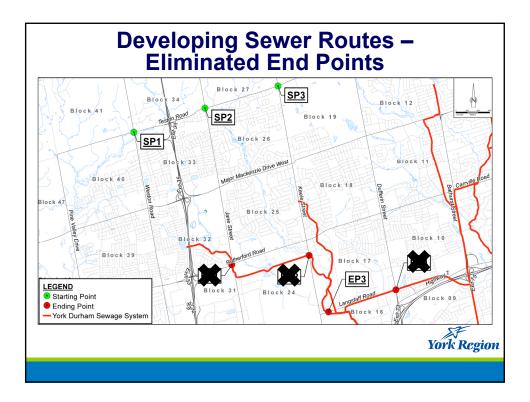


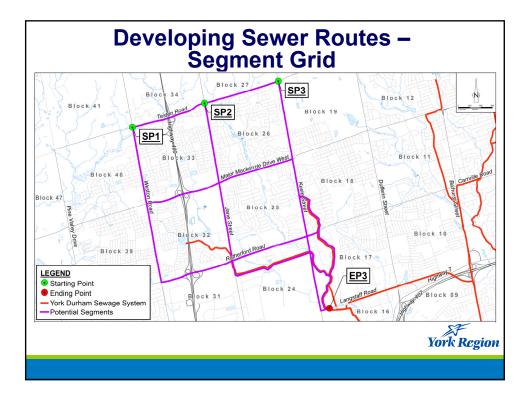


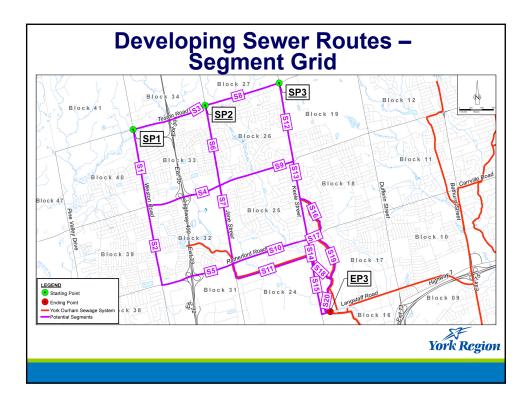
Guiding Principles for Developing Sewer Routes

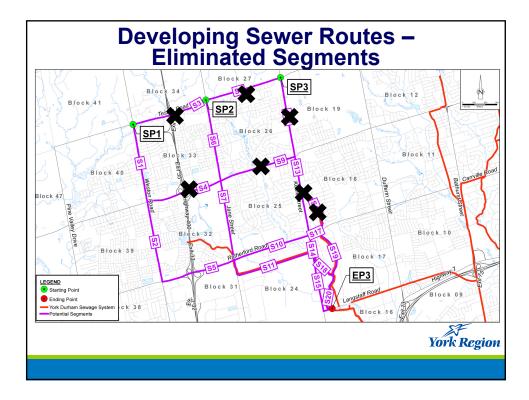
Principle 1	Gravity based sewer system	
Principle 2	Sewage flow will be from northwest to southeast direction	
Principle 3	Starting point for conveying sewage flow on Teston Road	
Principle 4	Connection into York Durham Sewage System (YDSS) at first available point with sufficient downstream capacity to service approved growth to 2051 or beyond	
	York Region	1

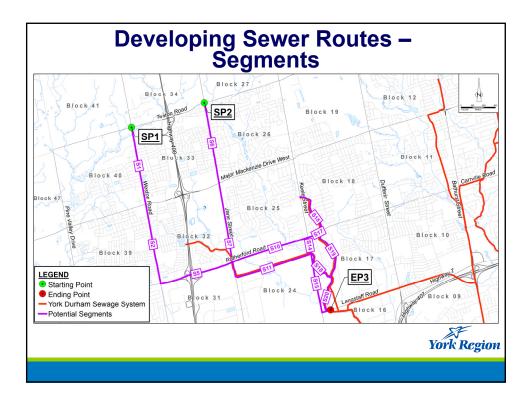


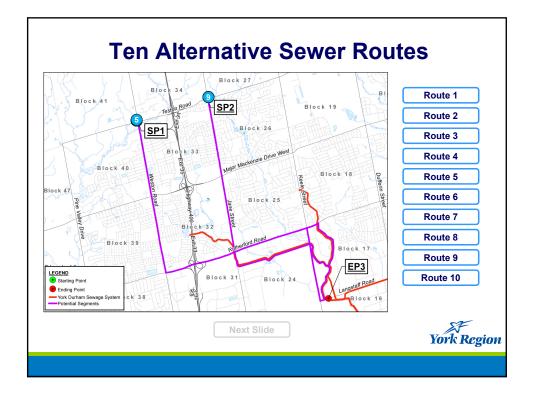


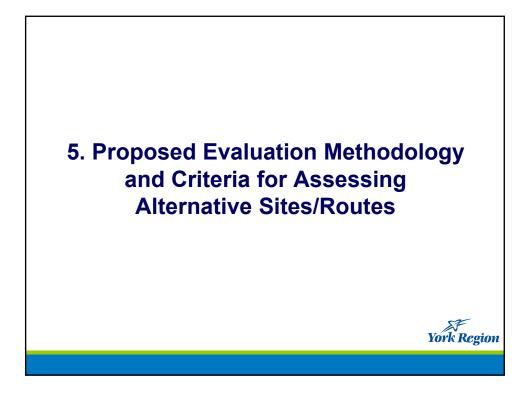


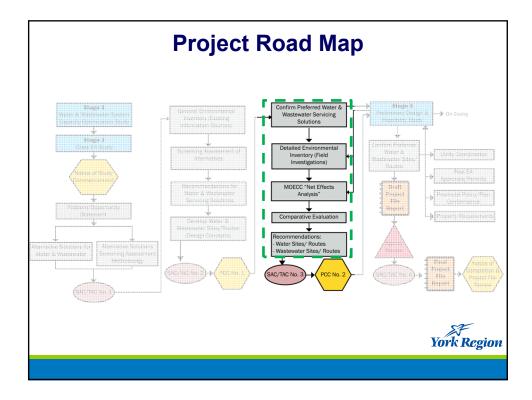


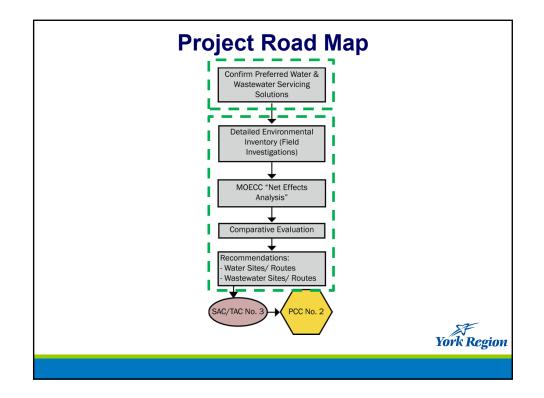


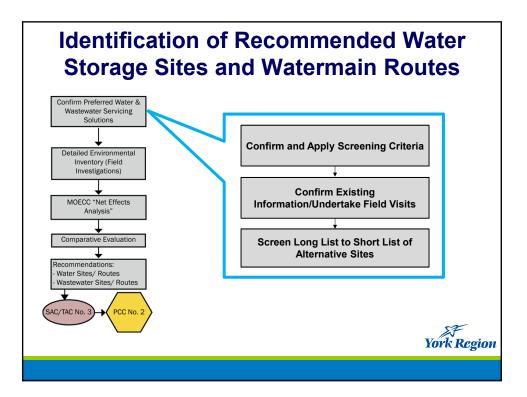




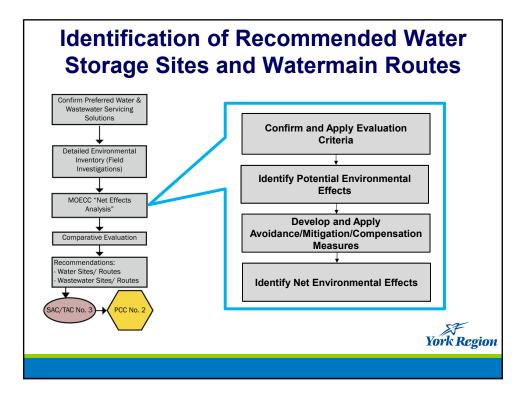






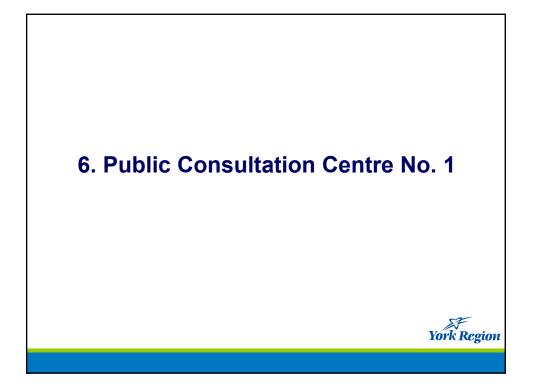


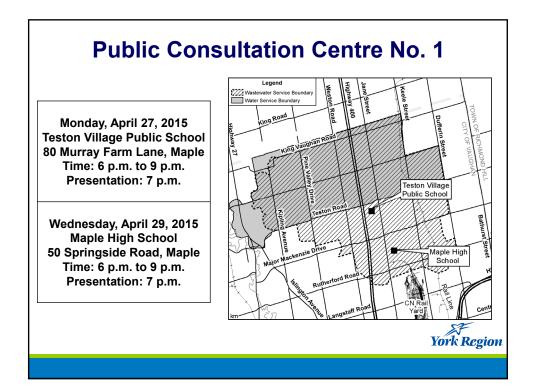


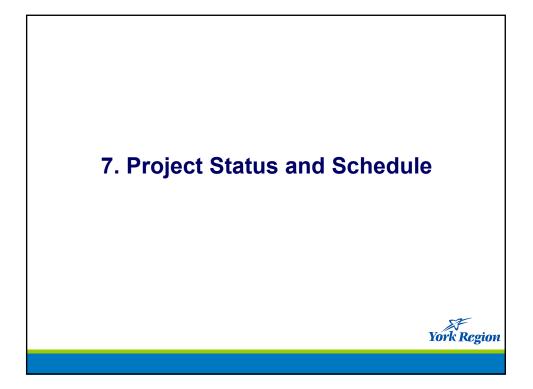


I	Preliminary Evaluation Criteria	
CATEGORY	EVALUATION CRITERIA	
Technical	Constructability	
Natural Environment	 Effect on groundwater Effect on surface water Effect on aquatic habitat Effect on stream geomorphology Effect on aquatic species including species at risk, species of local concern, native and invasive species Effect on groundwater recharge and discharge areas in relation to aquatic/wetland habitat Effect on terrestrial habitat or functions Effect on terrestrial species including species at risk, species of local concern, native and invasive species, and area-sensitive species Effect on groundwater recharge and discharge areas in relation to terrestrial habitat 	
Built Environment	 Effect on agricultural operations and capital investment related to agriculture Effect on existing residences, businesses, and/or community, institutional, and recreational facilities Effect of vibration on existing buildings Effect on property Effect on existing roadway/utility infrastructure Effect on traffic 	
Social Environment	Effect on wells Effect of noise on sensitive receptors Effect of perceptible vibration levels on sensitive receptors Effect of odours on sensitive receptors from current conditions Effect on existing views	
Economic Environment	Effect on approved/planned land uses Effect on agricultural soil resources	
Cultural Environment	 Effects on known or potential significant archaeological resources Effects on built heritage resources and cultural heritage landscapes 	
Financial	25-year Net Present Worth Costs	









PROJECT STAGES AND MILESTONES	MILESTONE DATES
Stage 1: Water and Wastewater System Capacity Optimization Study	Jan to Dec 2014
Stage 2:	
Class EA Study	Jun 2014 to Mar 2016
Public Consultation Centre No. 1	Apr 2015
Public Consultation Centre No. 2	Sep 2015
Stage 3: Preliminary Design and Feasibility Study	May 2015 to Apr 2016

