



Water & Wastewater

2011 Business Plan & Budget



Town of
East Gwillimbury



2010 Key Accomplishments

- Continuing compliance with M.O.E. regulations for drinking water
- Drinking Water Quality Management Standard (DWQMS) implemented and submitted to Province (waiting for municipal license)
- Sanitary Sewer Inflow-Infiltration Reduction Program with Region of York
- New watermain on Grist Mill Road synchronized with road reconstruction



2010 Key Accomplishments

- Increased maintenance of pipes, pumping stations, valves and hydrants due to DWQMS
- Completed Water Meter Replacement program (200 meters) for improving water meter reading accuracy and effectiveness through Federal grant (\$97,500)
- Capital: Geared towards water quality improvements and reducing long term maintenance costs (e.g. watermain looping on Tyson Dr.; flushing unit installations to maintain chlorine residual levels; valve installations and replacements to improve operational efficiencies, etc.)

2011 Key Objectives

Strategic Priorities 2010-2014

- Pending major development and construction activity (additional infrastructure)
 - Strategic servicing of employment lands
 - Other residential servicing
- Conserve sewage capacity through reduction of Inflow & Infiltration
- Water conservation programs to continue and additional initiatives to be implemented
- Continued evaluation of staff and equipment resources to accommodate growth and maintenance of aging infrastructure
- Infrastructure co-ordination (Province/Region/Town)



2011 Key Objectives

Strategic Priorities 2010-2014 (con't...)

- “Drinking Water Quality Management” – increasingly rigorous water quality regulations to administer
- Anticipated wastewater regulations
- Acquiring Municipal Water System License (M.O.E.)



2011 Budget Overview

Refer to Budget Binder
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2011 Budget Overview

Water & Wastewater Charge Principal

Water (or Wastewater) User Fee (\$) = Fixed Fee (\$) + Variable Fee (\$)

- a. Water (or Wastewater) User Fee (\$) is collected to cover four areas: Operations, Regional Charge, Contribution to Reserves and Capital Funding
- b. Fixed Fee (\$) is the fixed amount to assist in the funding of the Town's water/wastewater infrastructure sustainability and baseline operational costs. The baseline operational costs are the minimum costs required to maintain the systems regardless of usage.
- c. Variable Fee (\$) is based on water consumption or treated wastewater volumes multiplied by the Unit Rate (\$/m³)



2011 Budget Overview

Proposed Fixed Charge and Unit Rate for Water/Wastewater Usage

	2011 Fixed Charge (\$/bill/user)	2011 Unit Rate for Usage
Water	\$TBD (Residential) \$TBD (Industrial & Commercial)	\$1.66/m ³
Wastewater	\$TBD (Residential) \$TBD (Industrial & Commercial)	\$1.44/m ³

Note: TBD By Corporate & Financial Services through Council



2011 Budget Overview

Business Unit	Base Increase/Decrease	
	Total Inc./Dec.)	Key Drivers
Water Operations	\$108,200	• 10% increase in Regional water charge and increased consumption
	\$120,280	• Labour increase and re-allocation; fleet replacement inflation and apportioning; mail-out costs for billing
	\$12,000	• Revenue reduction due to less anticipated new water connections
	(\$134,340)	• Increased water user fee revenue
	\$47,750	• Proposed transfer to water infrastructure replacement reserve to assist with sustainability
	(\$64,850)	• Reduction in water rate dollars used to support capital program



2011 Budget Overview

Business Unit	Base Increase/Decrease	
	Total Inc./Dec.	Key Drivers
Wastewater Operations	\$72,950	• 10% increase in Regional waste water charge and increased volumes
	\$32,870	• Assumption of the Harvest Hills sewage lift station and increases in labour distribution
	(\$20,150)	• Reduction in sewer rate dollars used to support capital program
	(\$129,500)	• Increased sewer user fee revenue and possible new connections
	\$15,680	• Fleet Replacement apportioning
	\$34,350	• Proposed transfer to sewer infrastructure replacement reserve to assist with sustainability

2011 Budget Overview

The following are general “Key Drivers” throughout the 2011 Water and Wastewater Budget:

1. Maintain existing aging infrastructure
2. Complete financial plan and obtain water license (Drinking Water Quality Management System)
3. New infrastructure for future development
4. Continuation of Water Meter Replacement Program



2011 Budget Overview

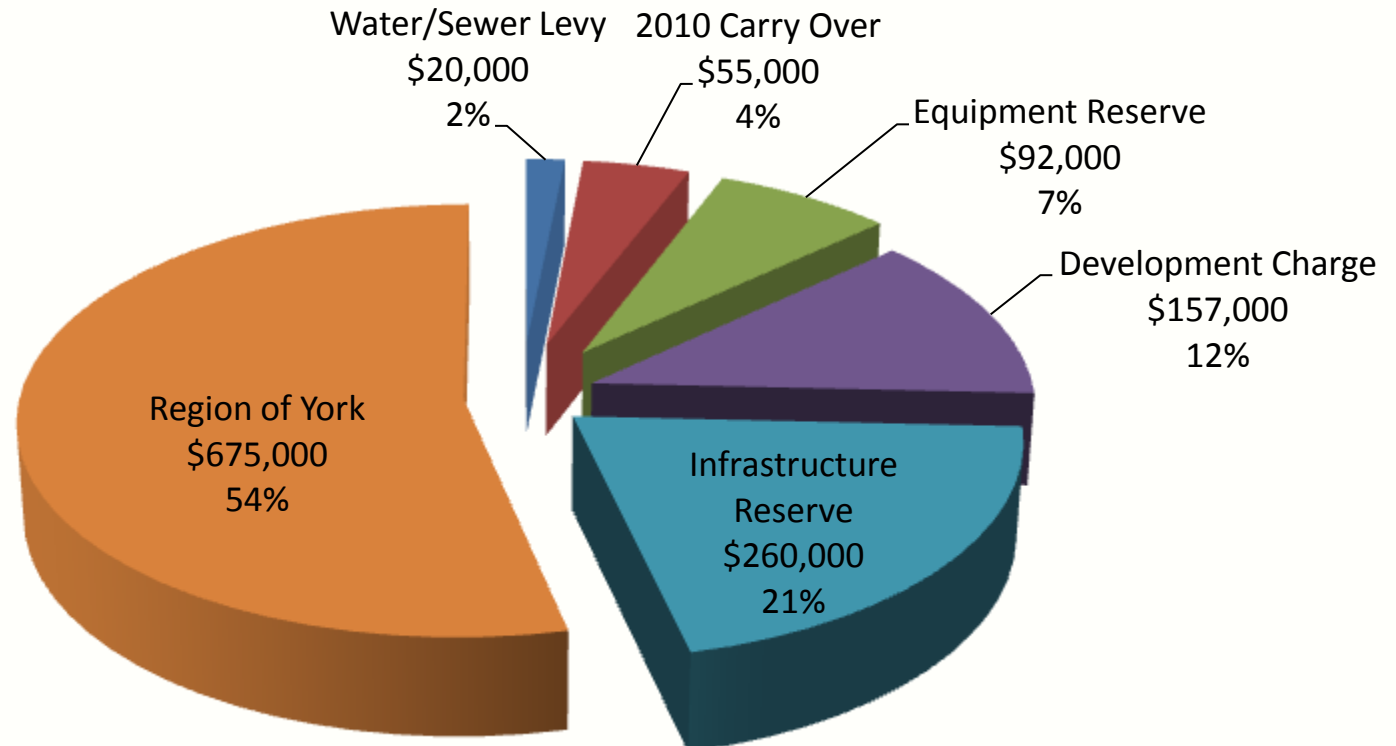
Refer to Budget Binder

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2011 Budget Overview

2011 Water/Wastewater Capital Program \$1,259,000



Funding Sources for Water/Wastewater Capital Program



2011 Budget Overview

Capital Projects

Gross Cost \$

1. Inflow & Infiltration remediation – Holland Landing	\$749,000
2. Reconstruction of Watermain on Hilltop Dr. Including Service Lines (synchronized with road reconstruction)	\$260,000
3. Holland River Sewer Crossing Design	\$83,000
4. Scheduled Equipment Replacements	\$92,000
5. Sewer Inspection Camera	*\$10,000
6. North Queensville Air Relief Chamber	*\$10,000
7. Purchase of Software and Water Meter Reading Guns (2010 c.o.)	\$30,000
1. Consulting Services for “Financial Plan” (2010 c.o)	<u>\$25,000</u>
	Gross Total
	\$1,259,000
	Less: Other Funding Sources
	<u>\$1,239,000</u>
	*Water/Sewer Rate Supported
	\$20,000