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ENVIRONMENTAL SERVICES COMMITTEE ACCOMPLISHMENTS, 2007-2010

The Environmental Services Committee recommends:

- 1. Receipt of the presentation by Erin Mahoney, Commissioner, Environmental Services; and**
- 2. Adoption of the recommendation contained in the following report dated March 25, 2010, from the Commissioner of Environmental Services.**

1. RECOMMENDATION

It is recommended that this report be received for information.

2. PURPOSE

This report highlights some of the major Water, Wastewater and Waste Management accomplishments led by Regional Council (Council) during the 2007-2010 term through the Transportation and Works and Environmental Services Committees (Committee).

3. BACKGROUND

York Region has diverse and demanding infrastructure needs

Committee and Council are responsible for overseeing critical and highly regulated infrastructure for community servicing needs within the Region. Some of the yearly infrastructure demands managed by Environmental Services include:

- Treatment and delivery of safe drinking water and wastewater services to approximately one million customers
- Disposal and diversion of over 330,000 tonnes of municipal solid waste
- Compliance with a wide range of constantly changing Provincial acts and regulations

Demands for these services continue to increase with the projected addition of up to 27,000 new residents per year within the Region.

Environmental Services Committee provides input on increasingly critical Water, Wastewater, and Waste Management infrastructure programs

Committee oversees operating and capital programs that deliver critical infrastructure for servicing growth and building system security for Water, Wastewater and Waste Management program delivery. As presented in Table 1 and Table 2 below, Committee

and Council have supported aggressive capital infrastructure and operating programs through 2007 and 2010 to meet the growing needs of York Region residents by providing increased levels of service, full compliance with Provincial regulations, enhanced environmental protection, and support for the construction of complex infrastructure.

Table 1
Annual Capital Expenditures

Service Area	2007 Actuals	2008 Actuals	2009 Actuals	2010 Budgeted
Water	\$ 80 M	\$ 69 M	\$ 111 M	\$ 264 M
Wastewater	\$ 168 M	\$ 217 M	\$ 272 M	\$ 411 M
Solid Waste	\$ 2 M	\$ 8 M	\$ 7 M	\$ 22 M
Total	\$ 250 M	\$ 294 M	\$ 390 M	\$ 697 M

Table 2
Annual Operational Expenditures

Service Area	2007 Actuals	2008 Actuals	2009 Actuals	2010 Budgeted
Water	\$ 102 M	\$ 106 M	\$ 116 M	\$ 127 M
Wastewater	\$ 109 M	\$ 126 M	\$ 141 M	\$ 172 M
Solid Waste	\$ 38 M	\$ 40 M	\$ 43 M	\$ 54 M
Total	\$ 249 M	\$ 272 M	\$ 300 M	\$ 353 M

4. ANALYSIS AND OPTIONS

York Region is a leader in waste diversion programs in Ontario

York Region is ranked first in Ontario in Waste Diversion Ontario's large urban municipality category for waste diversion in 2007 (47%) and 2008 (53%). This ranking is the direct result of Committee and Council support of the Joint Waste Diversion Strategy, which has resulted in the successful opening of the McCleary Court Community Environmental Centre in Vaughan and other waste diversion initiatives. To help achieve top rankings for diversion in the Province, Council approved Region-wide rollout of the Green Bin (Source Separated Organics) Program in September 2007 and are currently supporting the completion of the Individual Environmental Assessment for the Durham-York Energy from Waste facility.

York Region has received a number of awards and recognition from prominent environmental organizations

Through Committee and Council's support, York Region's programs and initiatives have received a number of awards from a variety of organizations. A summary of these awards is summarized below:

2007 Awards

- Save the Oak Ridges Moraine (STORM) Coalition - Moraine for Life Award
- Ontario Water Works Association – Award of Excellence for Water for Tomorrow Program
- Recycling Council of Ontario Awards, including:
 - Household Hazardous Waste Campaign 2007 (Silver Award for Promotion and Education Campaign)
 - Waste Reduction Week – Reuse Event 2007 (Silver Award for Waste Reduction Week Participation)
- The Solid Waste Association of North America – Household Hazardous Waste 2007 Campaign (Gold Award for Communications)

2008 Awards

- Recycling Council of Ontario - Household Hazardous Waste Cause and Effect Campaign (Silver Award for Promotion and Education Campaign)
- Ontario Water Works Association - Award of Excellence for Water Efficiency Master Plan Update

2009 Awards

- Recycling Council of Ontario Awards, including:
 - McCleary Court Community Environmental Centre (Gold Award for Unique Program)
 - Recycle Better. Recycle More. (Gold Award for Communication Campaign)
 - Reuse Event (Gold Award for Waste Reduction Week Participation)

Committee and Council oversee successful innovative water supply projects and programs

Recent capital water projects approved by Committee and Council have added necessary capacity to water supply within the Region. Key projects include:

- Aurora Newmarket Water Supply Connection to Peel
- PD6 Major MacKenzie Watermain in Richmond Hill and Markham
- Yonge Street Watermain in Newmarket and Aurora
- Richmond Hill Water Tower
- Schomberg Water Treatment Plant

- Stouffville Water Supply System (Connection to York Water System)

As a result of these and other improvements to water delivery infrastructure, the York Region drinking water supply ranks among the highest in the province, meeting water quality standards 99.9% of the time with a facility compliance rate of 99.8%.

Watershed management is an important part of providing and managing water supplies within the Region. To meet this need, Council approved the York Region Water Efficiency Master Plan and implementation of a number of successful water conservation initiatives, including:

- The Drinking Water Quality Management System (DWQMS)
- *Water for Tomorrow* Program and Rebate Programs that conserve approximately 21.5 million litres of water per day, which is equivalent to servicing a community of about 90,000 people
- Free water audits and buy-back incentives for high water use industries
- Subsidised rain barrel sales to York Region residents

In recognition of these efforts, York Region received the Moraine for Life Award in 2007 and continues to be regarded as a leader in water conservation program delivery in the country.

Approved wastewater projects provide critical system capacity

Committee and Council have overseen key wastewater capital initiatives that provide secure wastewater infrastructure to achieve sustainable environmental priorities and meet York Region's future growth needs. These projects provide much needed redundancy and capacity within the system. Some notable examples include:

- Duffin Creek Water Pollution Control Plant – Phase 3 Expansion
- York-Durham Sewage System Interceptor
- Nobleton Water Pollution Control Plant
- Keswick Water Pollution Control Plant Expansion
- Completion of the Southeast Collector Individual Environmental Assessment
- Completion of the Upper York Serving Solutions Individual Environmental Assessment Terms of Reference to determine future serving options for East Gwillimbury, Newmarket and Aurora

To further support York Region's sustainability goals, the Environmental Services department is also implementing energy efficiency audits at key wastewater facilities as part of the overall Regional Energy Feasibility Study.

Support for Operator wastewater training has significantly increased the number of staff licenses and license upgrades

Regulatory compliance is a key component of maintaining the Region's water and wastewater infrastructure. To ensure compliance with current and future regulatory requirements, Committee has supported the implementation of a comprehensive operator training and licensing program that has resulted in 93 new certification and licence upgrades for Regional employees since 2007.

Consistent and comprehensive advocacy on emerging legislation

As one of Ontario's fastest growing Regions, York Region consistently seeks opportunities to keep the Province informed of our priorities. Staff regularly conduct liaison meetings with the Province to share our ideas and feedback gathered from the nine local municipalities to ensure emerging and changing legislation meets the demands of our environmentally conscious residents. Over the 2007-2010 term, Committee and Council has demonstrated resolute support for:

- Ensuring the Lake Simcoe Protection Plan reflects York Region's sustainability and growth goals
- Advocating for full Extended Producer Responsibility
- Program enhancements for Source Water Protection
- Endorsing *Energy Recovery* as the 4th R in the Waste Management Hierarchy
- Ensuring the Province recognizes York Region's critical need for constructing the Southeast Collector

Extensive public consultation was carried out for the Water and Wastewater Master Plan Update

In 2009, York Region completed an update to the Water & Wastewater Master Plan in the response of changes in growth management and planning policies enacted by the Province of Ontario. Through Committee and Council, the study process was completed with comprehensive coordination and collaboration across a number of Regional initiatives, including the Sustainability Strategy, 25-year Fiscal Analysis and the Regional Official Plan Update.

An extensive public consultation program was conducted as part of the study process and included:

- Public Consultation Centres
- Newsletters providing information updates
- Issuance of notices and information to First Nations
- Establishment of a Steering Committee and Technical Advisory Committee
- Presentations to local area municipal councils and stakeholders
- Dedicated comprehensive websites for the Master Plans

A comprehensive list of Committee and Council accomplishments for Water, Wastewater, and Waste Management programs is included as *Attachment 1*.

Relationship to Vision 2026

Over the last four years, Committee and Council have consistently made decisions that directly support goals contained in York Region's Vision 2026 Plan and the Sustainability Strategy. The following is a summary of initiatives that have delivered on key goals contained in Vision 2026.

Environmental initiatives further enhance and preserve the environment

Vision 2026 Goal: Enhanced Environment, Heritage and Culture

Environmental projects and initiatives often take advantage of opportunities to further enhance and preserve the environment. Notable projects which address this need include:

- Environmental enhancements in sensitive areas as part of major capital projects
- Investment of \$25 million for inflow and infiltration reduction
- Energy reduction programs within wastewater facilities
- Commitment to pursuing LEED Certification at new facilities
- Council endorsement of the 4th R (Energy Recovery)
- Use of membrane treatment technology at Keswick WPCP to reduce phosphorous loadings to Lake Simcoe

Balanced growth serviced through strategic infrastructure investment

Vision 2026 Goal: Managed and Balanced Growth

Committee and Council have approved a comprehensive update to the Water and Wastewater Master Plan to support strategic infrastructure investment and meet the growing needs of York Region's vibrant communities. Recently, five significant capital infrastructure projects have received over \$119 M in federal and provincial infrastructure stimulus funding, including:

- Richmond Hill Community Environmental Centre (\$9.75 M)
- Georgina Water Treatment Plant Upgrade (\$7.2 M)
- Water & Wastewater Instrumentation and Control Replacement (\$1.1 M)
- Garfield Material Recovery Facility Upgrades (\$7.6 M)
- Duffin Creek WPCP Stage 3 Expansion (\$94 M)

Council also approved infrastructure cost requirements as input to the capital planning process, which provided a basis for updates to the Development Charge By-Law and utility rate forecasts.

York Region and nine local municipalities successfully update Joint Waste Diversion Strategy

In order to ensure waste management needs of the community are met, Committee and Council have supported the development of the Joint Waste Diversion Strategy, which represents an unprecedented outreach and collaboration with the nine local municipalities. The strategy developed key priority diversion initiatives, including:

- Source Separated Organics
- Optimized Blue Box
- Community Environmental Centres
- Bag Limits/Financial Incentives
- Enhanced Communication and Public Outreach
- Diversion of Textiles
- Infrastructure Development
- Program Advocacy

Infrastructure projects ensure growing needs of York Region are met

Vision 2026 Goal: Infrastructure for a Growing Regional Municipality of York

Infrastructure projects endorsed by Committee and approved by Council ensure that the diverse and growing needs of the Region are continually met. Projects such as the Southeast Collector, Duffin Creek Water Pollution Control Plant Expansion and York-Durham Energy from Waste Facility will accommodate projected growth up to 2031.

Environmental Services projects benefit from unprecedented stakeholder consultation

Vision 2026 Goal: Engaged Communities and a Responsive Region

In addition to building on existing partnerships with York Region's nine local municipalities, capital projects and environmental initiatives have benefited from unprecedented stakeholder engagement and consultation. This has been demonstrated through public information forums as part of Master Planning and Environmental Assessment processes and engaging with local non-profit organizations to incorporate stakeholder feedback into our long term plans and construction projects.

5. FINANCIAL IMPLICATIONS

There are no direct financial implications associated with this report. The costs of maintaining environmental infrastructure and implementing the programs and initiatives cited in this report have been managed by Committee and Council in its administration of annual budgets between 2007 and 2010, and longer-term financial planning.

With responsible, prudent fiscal policies, sustainable financial strategies and proactive financial planning processes, York Region strives to ensure that programs and services are delivered to the community in an effective manner at reasonable cost.

York Region's financial policies and practices ensure that ongoing operating requirements as well as growth and development needs are financed in a fiscally responsible manner to meet the current and future needs.

6. LOCAL MUNICIPAL IMPACT

Regional staff has, and will continue to, work closely with local municipal staff to ensure the effective and efficient support of policies that are consistent with the strategic goals of local municipalities. Many of the accomplishments in the 2007-2010 term are facilitated by the spirit of collaboration between all municipalities in York Region.

7. CONCLUSION

The 2007-2010 Committee and Regional Council have taken decisive steps to address the needs of York Region residents. The accomplishments of the Council and Committee have placed Environmental Services in an excellent position to meet future challenges facing the Region. This is a direct result of the political support and resources provided by our Council members who represent our local area municipalities. Future support is critical to ensure Regional program priorities and infrastructure needs are met in ways that help protect the environment and enhance the liveability of our communities.

For more information on this report, please contact Erin Mahoney at Ext 5125.

The Senior Management Group has reviewed this report.

(The attachment referred to in this clause is attached to this report.)

2007

Water and Wastewater Accomplishments

- Completed over \$167M in Wastewater capital projects and improvements, including:
 - 16th Avenue Trunk Sewer (Phase 2)
 - Newmarket Equalization Tank
- Completed over \$79 M in water supply capital improvements, including:
 - Aurora/Newmarket PD 8 Break Pressure Tank
- Approved the York Region and Local Municipal Inflow and Infiltration Reduction Program to maximize existing wastewater infrastructure
- Successfully completed International Water Association Water Audit and Balance
- Completed and endorsed the 2007 Water Efficiency Master Plan Update resulting in \$41.7M in new water efficiency initiatives with expected water savings of 23.4 ML
- Launched Kleinburg Outdoor Water Conservation pilot program
- Hosted first annual Environment First Symposium – “Managing Risk”
- Approved additional capacity assignment to local municipalities serviced by YDSS system to permit projected growth up to 2011
- Prepared the Canadian Environmental Assessment Agency funds partnership proposal between York Region, University of Waterloo and STORM regarding Strategic Environmental Assessments on the Moraine
- Initiated Energy Feasibility Study energy audits to identify energy management opportunities at three facilities
- Received Moraine for Life Award by the Save the Oak Ridges Moraine (STORM) Coalition
- Received Ontario Water Works Association Award – *Water for Tomorrow* Program

2008	Water and Wastewater Accomplishments
• Completed over \$217 M in Wastewater capital projects and improvements, including: • YDSS Interceptor (Nineteenth Avenue and Lower Leslie Trunk Sewer) • Completed over \$69 M in water supply capital improvements, including: • Aurora/Newmarket Feedermain system • Bathurst Street Watermains (Aurora to Newmarket) • Richmond Hill (Oak Ridges) Elevated Tank No 1 • Aurora South Reservoir • Implemented the Drinking Water Quality Management System and submitted documents for full scope accreditation with the Ministry of the Environment • Initiated a number of successful <i>Water for Tomorrow</i> programs including: • Annual Rain Barrel Subsidy program, resulting in distribution of 3,792 rain barrels to York Region residents. • <i>Water for Tomorrow</i> Toilet Rebate program, resulting in the distributing of more than 3,000 water efficient toilets to York Region residents. • Hosted Annual Environment First Symposium – “Leaving an Environmental Legacy” • Conducted Building Energy Feasibility Studies at six water and wastewater facilities • Approved additional capacity assignment to local municipalities serviced by YDSS system to permit projected growth up to 2012 • Scored 99.3% on Ministry of the Environment inspections for water facilities • Received 99.9% evaluation score in Ontario Chief Drinking Water Inspector’s 2007-8 Annual Report • Received Ontario Water Works Association Award of Excellence for Water Efficiency Master Plan Update	

2009	Water and Wastewater Accomplishments
• Completed over \$272 M in Wastewater capital projects and improvements, including: • Aurora Equalization Tank • Bathurst/Langstaff Collector Sewer • King City Collection System • Schomberg Water Pollution Control Plant • Langstaff Trunk Sewer • Nobleton Water Pollution Control Plant • Completed over \$110 M in water supply capital improvements, including: • PD6 Major Mackenzie watermain • Yonge Street watermain in Newmarket and Aurora • Stouffville Water Supply System (Connection to York Water System) • Implemented successful <i>Water for Tomorrow</i> initiatives including: • The <i>Water for Tomorrow</i> brand update • Pre-rinse Spray Valve retrofits offerings to Region residents • Sales of over 3,750 subsidized rain barrels to York Region residents at annual rain barrel sales • Launched Canada's first <i>WaterSense</i> Toilet Rebate Program for homeowners • Constructed the Region's first LEED designed and solar powered Pumping Station (Stouffville) • Submitted one of the first provincially mandated operational plans for Drinking Water Quality Management Standard audit • Hosted Annual Environment First Symposium – “The First ‘R’ – The First Discussion” • Endorsed the 2009 Water and Wastewater Master Plan Update	

2010	Water and Wastewater Accomplishments
• Expected delivery of over \$493M in Wastewater capital projects and improvements, including: • Duffin Creek Water Pollution Control Plant Stage 3 Expansion (Liquid Treatment Expansion) (December 2010) • YDSS Flow Control Gates (May 2010) • West Rainbow Trunk Sewer (June 2010) • Initiation of construction on Southeast Collector (December 2010) • Expected delivery of over \$325M in water supply capital projects and improvements, including: • Expansion and Upgrades of Schomberg water supply system (April 2010) • Continued expansion of <i>Water for Tomorrow</i> initiatives including: • Rebates on the purchase of central home humidifiers for homeowners • Rebates on water efficient toilets and washing machines for businesses and multi-unit building owners • Free water audits and capacity buy-back incentives for high water use industry within York Region • Process Energy Audits scheduled for 6 to 10 Water and Wastewater Facilities • Initiation of the Long Term Water Conservation Strategy • Continuation of Regional Inflow and Infiltration Reduction Program assessment and remediation • Utilization of the new Tap'd in Mobile drinking water trailer at summer promotional events • Expected approval of additional capacity assignment to local municipalities serviced by YDSS system to accommodate projected growth up to 2013	

2007	Solid Waste Accomplishments
• Completed over \$1.8 M in Solid Waste capital projects and improvements • Completed design for McCleary Court Community Environmental Centre (CEC) • Initiated Region-wide rollout of SSO (Green Bin) Program through the Joint Waste Diversion Strategy, doubling waste diversion rates from 2007 • Launched Provincial Election Sign Recycling Program • Focused promotion and education efforts on the diversion of Household Hazardous Waste resulting in a 27% increase in depot usage • Hosted collection events in partnership with Goodwill and Habitat for Humanity, diverting more than 31 tonnes of reusable goods, (71% increase over 2007) • Advocated change in waste management practices, including: • LCBO packaging take- back program • Designation of Household Hazardous Waste and electronic waste by the Ministry of the Environment • Ranked first in Ontario for Waste Diversion Ontario's large urban municipality category for waste diversion (47%) • Received multiple Recycling Council of Ontario Awards, including: • HHW Campaign 2007 (Silver Award for Promotion and Education Campaign) • Waste Reduction Week – Reuse Event 2007 (Silver Award for Waste Reduction Week Participation) • HHW 2007 Campaign Awarded “Gold – Communications Award” by SWANA	

2008	Solid Waste Accomplishments
• Completed over \$7.9 M in Solid Waste capital projects and improvements, including: • Installed glass cleanup and residue management system at Material Recycling Facility in East Gwillimbury • Utilized Joint Waste Diversion Strategy, resulting in the following successes: • Joint pilot project with Town of Newmarket to examine three stream collection in parks • Alternative Blue Box Container Study with the Township of King and the Town of Richmond Hill • Finalized plans for long-term Source Separated Organics management • Launched Plastic Bag Take Back Program • Stopped residual waste shipments to Michigan • Celebrated the official opening of Dongara Pelletization Plant, which decreased the Region's reliance on landfills • Launched the Federal Election Sign Recycling Program • Ranked first in Ontario for Waste Diversion Ontario's large urban municipality category for waste diversion (53%) • Received Silver Promotion Award for Household Hazardous Waste Cause and Effect Campaign	

2009	Solid Waste Accomplishments
• Completed over \$6.5 M in Solid Waste capital projects and improvements, including: • Completion of the LEED certified Vaughan Community Environmental Centre • Expanded hours of Household Hazardous Waste Depots to increase service level for residents • Completed Environmental Assessment for the Durham/York Residual Waste Study • Collaborated with local municipalities to provide critical advocacy role regarding changes to Stewardship Funding Programs, Federal Extended Producer Responsibility and sustainability packaging programs. • Received Multiple Recycling Council of Ontario Awards, including: • McCleary Court Community Environmental Centre Gold Award for Unique Program • Recycle Better. Recycle More Gold Award for Communication Campaign • Reuse Event Gold Award for Waste Reduction Week Participation	

2010	Solid Waste Accomplishments
• Construction initiation of second Community Environmental Centre in Richmond Hill (June 2010) • Renovation of the Georgina Transfer Station to accommodate the CEC design principles (Q4 2010) • Initiation of Source Separated Organics Waste Treatment Facility Design, Build and Operate contract (Dufferin County) (June 2010) • Initiation of Integrated Waste Management Master Plan • Waste management re-branding (Q4 2010)	



2007-2010 Committee Accomplishments

Presentation to
Environmental Services Committee

Erin Mahoney
April 14, 2010

edocs #1711685

Agenda



- Early Accomplishments - Setting a Standard for Success



- Meeting the Needs of the Region



- Ensuring a Successful Future



Environmental Services Committee / April 14, 2010

Slide 2

Environmental Services Committee



- Created in 2009 to reflect growth of infrastructure projects
- Current Regional demands include:
 - Drinking water and wastewater to one million customers
 - Management of 330,000 tonnes of solid waste
 - Compliance with provincial acts and regulations

Committee and Council continue to support York Region's infrastructure needs and ensure environmental protection and sustainability into the future



Environmental Services Committee / April 14, 2010

Slide 3

Early Successes - Capital Projects

- Ensuring sustainable servicing capacity



- York-Durham Sewer System Interceptor (19th Avenue and Lower Leslie Trunk Sewer)
- Aurora Newmarket Water Supply Connection to Peel
- 16th Avenue Trunk Sewer - Phase 2
- Richmond Hill Water Tower
- Bathurst Langstaff Sewer

Within first two years of term, Committee and Council approved over \$543 Million in capital projects

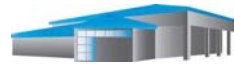


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Slide 4

Setting the Stage for Success - Sustainable Initiatives and Programs

- ❑ *Water for Tomorrow* programs
- ❑ Energy Feasibility Study Audits
- ❑ Municipal Inflow and Infiltration Reduction Program
- ❑ Community Environmental Centres
- ❑ Annual *Environment First* Symposiums



Early approvals by Committee and Council set the groundwork for strategic sustainability initiatives that continue to provide return on investment for the Region



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Slide 5

Increasing Critical Wastewater Capacity



- ❑ Duffin Creek WPCP Phase 3 Expansion
- ❑ Nobleton Water Pollution Control Plant
- ❑ Southeast Collector IEA Approval
- ❑ Upper York Servicing Solutions IEA

Key wastewater capital investments service Region's future growth needs



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Slide 6

Expanding Drinking Water Infrastructure



Georgina Water Treatment Plant – Lake Simcoe Intake

- ❑ Aurora Newmarket Water Supply Connection to Peel
- ❑ PD6 Major MacKenzie Watermain in Richmond Hill and Markham
- ❑ Schomberg Water Treatment Plant
- ❑ Stouffville Water Supply System (Connection to York Water System)
- ❑ Source Water Protection Advocacy (LSSGB, CTC)

Drinking water service has expanded considerably over the last four years to increase service to satellite communities and diversify water sources



Environmental Services Committee / April 14, 2010

Slide 7

Delivering York Region's Waste Diversion Goals



- ❑ Completion of McCleary Court Community Environmental Centre
- ❑ Region-wide rollout of Source Separated Organics Program
- ❑ Dongara Pelletization Plant
- ❑ Expanded hours of Household Hazardous Waste Depots
- ❑ Environmental Assessment for the Durham/York Residual Waste Study (EFW)

York Region ranks #1 in large urban municipalities in Ontario for diversion
2007 - 45.7% 2008 - 53%



Environmental Services Committee / April 14, 2010

Slide 8

Meeting Compliance Goals



Keswick WPCP Upgrades

- ❑ DWQMS Certification
- ❑ Water Quality Compliance (99.9%)
- ❑ Facility Compliance (99.8%)
- ❑ Operator Training Program (93 new certifications)
- ❑ Keswick WPCP Upgrades to meet new Lake Simcoe Standards

Region's servicing strategy is able to adapt and comply with new and continually changing environmental requirements



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Slide 9

Municipal Partnerships and Community Engagement



- ❑ Joint Waste Diversion Strategy
- ❑ Peel and Toronto Cost Share Projects
- ❑ I/I Steering Committee
- ❑ Water/Wastewater Master Plan Update
- ❑ Capital Infrastructure Projects
- ❑ Source Water Protection Liaison

Stakeholder consultation adds significant value to important Regional projects and initiatives



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Slide 10

Advocating for Change to Ensure Environmental Sustainability



- ❑ Lake Simcoe Protection Plan
- ❑ Extended Producer Responsibility
- ❑ Program enhancements for Source Water Protection
- ❑ Endorsing *Energy Recovery* as the 4th R in the Waste Management Hierarchy
- ❑ Recognition of York Region's critical need to construct the Southeast Collector
- ❑ New composting guidelines

Region takes an active role to ensure regulatory environment incorporates current infrastructure growth challenges



Environmental Services Committee / April 14, 2010

Slide 11

Awards and Recognition



- ❑ Save the Oak Ridges Moraine (STORM) Coalition - Moraine for Life Award (2007)
- ❑ Ontario Water Works Association Awards:
 - ❑ *Water for Tomorrow* Program (2007)
 - ❑ Water Efficiency Master Plan Update (2008)
- ❑ Recycling Council of Ontario Awards (2007-2009)

York Region's successful programs continue to garner recognition



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Slide 12

Critical Future Capital Investments



Duffin Creek WPCP

- Expansion of the YDSS
 - Duffin Creek WPCP
 - South East Collector
- Energy From Waste
- Water Supply
- Dufferin/York Source Separated Organics Processing Facility

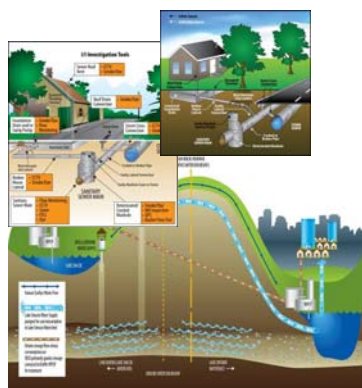
Future capital investments will shape growth within the Region and protect the environment



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Slide 13

Key Programs on the Horizon



- Energy Efficiency Audits
- Intra-Basin Transfer
- Reducing Inflow and Infiltration
- Water Conservation and Efficiency
- Delivery of \$674 M in capital in 2010

Future programs provide the new groundwork for continued success in Environmental Services



Environmental Services Committee / April 14, 2010

Slide 14

Future Challenges and Opportunities



- Large Capital Programs
- Regional Growth
- Regulatory Demands
- Increasing Environmental Protection
- Service Delivery Challenges
- Sustainable Solutions

Continued support from Committee and Council have put us in an excellent position to face future challenges



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Slide 15

Questions



Environmental Services Committee / April 14, 2010

Slide 16