



# ENVIRONMENTAL SERVICES OVERVIEW

JANUARY 10, 2019

Erin Mahoney  
Commissioner



# WHAT WE DO



- Wholesale supplier of water treatment and distribution and provider of wastewater collection and treatment services
- Maintain water quality and compliance in an increasingly complex regulatory framework
- Deliver \$2.5 billion 10-Year water/wastewater capital plan
- Co-lead development of Climate Change Action Plan
- Implement asset management for infrastructure renewal
- Durham-York Energy facility co-ownership, operational oversight
- Manage over 365,000 tonnes of solid waste annually
- Provide healthy communities by expanding and maintaining our 41,000 hectares of woodland cover (23 per cent of Region's land area)

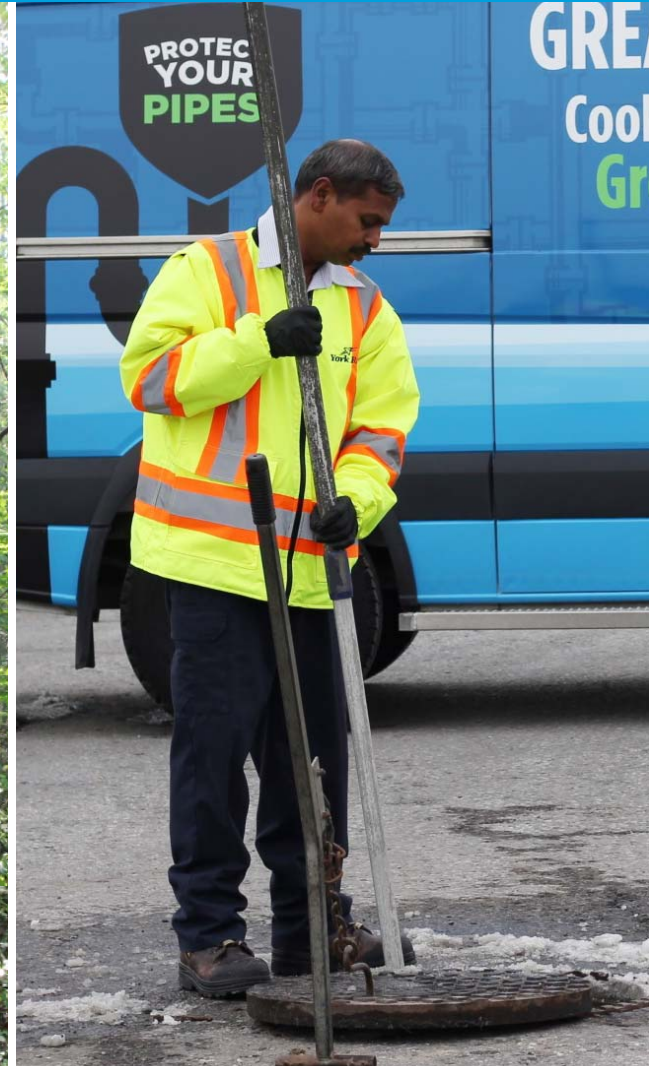
# OFFICIAL COUNCIL ROLES



**Statutory Standard of Care**



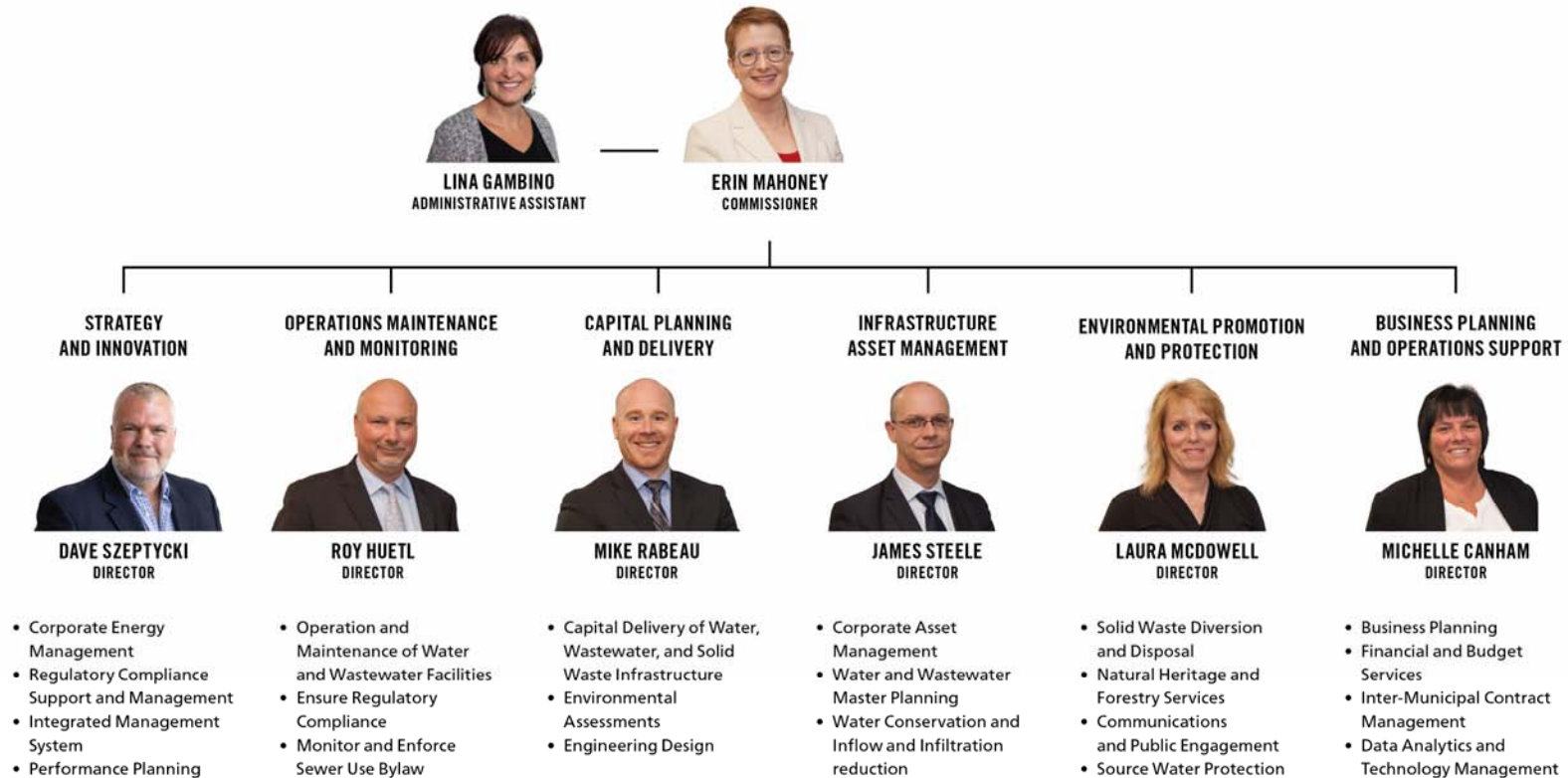
**Forest Conservation Bylaw**



**Sewer Use Bylaw**



# WHO WE ARE



## KEY ACCOMPLISHMENTS

Over 99.9% of York Region's drinking water samples meet Ontario Drinking Water Quality Standards

JANUARY 2019 DEPARTMENT OVERVIEW





# KEY ACCOMPLISHMENTS

Duffin Creek Plant  
upgrades completed  
ending 12 years of  
major expansion  
works





# KEY ACCOMPLISHMENTS

#1 in the province for  
waste diversion in  
2016

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93% diversion from  
landfill in 2017

JANUARY 2019 DEPARTMENT OVERVIEW

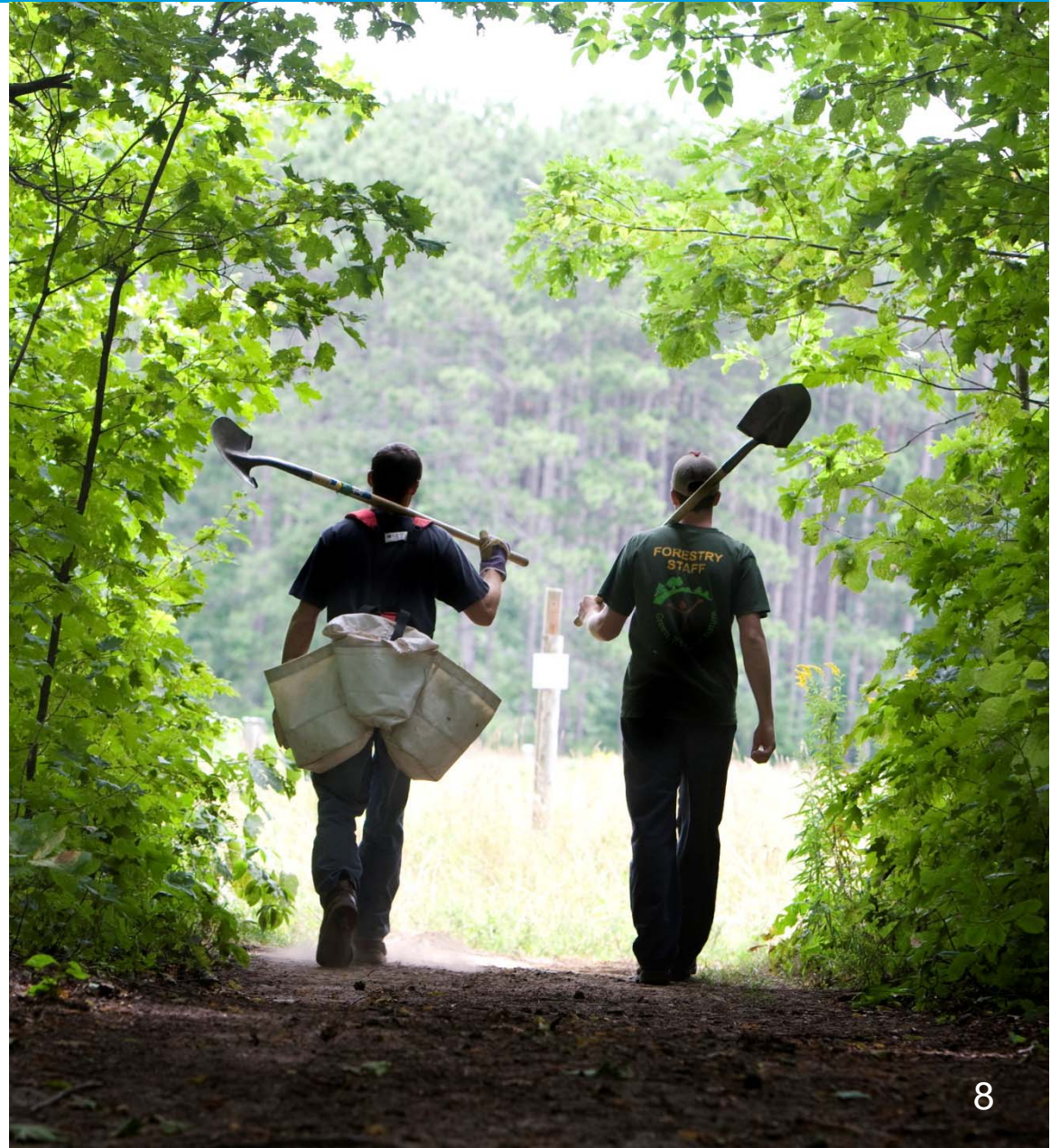




# KEY ACCOMPLISHMENTS

Over 370,000 trees  
planted over the past  
four years

JANUARY 2019 DEPARTMENT OVERVIEW





# KEY ACCOMPLISHMENTS

1st in Canada to be  
awarded 'Living  
Building' Certification



## KEY ACCOMPLISHMENTS

1st municipality in Canada to receive Golden Tap award, inducted into the Leading Utilities of the World network





# REPORT OUTLOOK

Every Year	2019	2020 - 2022
<ul style="list-style-type: none"> <li>• <b>ENV Budget</b></li> <li>• <b>Drinking Water System Summary Report</b></li> <li>• Integrated Management System Update Report for Water, Wastewater and Waste Management</li> <li>• Research and Innovation Update</li> <li>• Greening Strategy Achievements</li> <li>• SM4RT Living Plan Achievements</li> <li>• Capital Infrastructure Update</li> <li>• Corporate Energy Report</li> <li>• Annual Solid Waste Diversion Report</li> </ul>	<ul style="list-style-type: none"> <li>• <b>5-year SM4RT Living Plan Update</b></li> <li>• <b>Region-wide Water and Wastewater Capacity Assignment</b></li> <li>• <b>Climate Change Action Plan (joint with Planning)</b></li> <li>• Energy Conservation and Demand Management Plan Update</li> <li>• Upper York Sewage Solutions Individual Environmental Assessment Status Update</li> <li>• Invasive Species Update</li> <li>• Water and Wastewater Infrastructure Regional Jurisdiction</li> <li>• Rouge National Urban Park Supplemental Agreement</li> <li>• York Region Forest Management Plan 2018-2039</li> <li>• ENV Software Renewals</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Water and Wastewater Master Plan Update</b></li> <li>• <b>Corporate Asset Management Plan Update</b></li> <li>• <b>Multi-Year Water Rate Recommendation</b></li> <li>• Natural Gas Procurement Update</li> <li>• DWQMS Financial Plan</li> <li>• Operating Contract with Miller Waste for York Region Waste Management Centre (including Materials Recovery Facility)</li> </ul>

**Bolded** items represent key reports, priorities, and decisions required of Council over this term

# PARTNERSHIPS AND ALLIANCES

## Local Municipalities



## Regional Partners

Region of Peel  
Durham Region  
City of Toronto

## Local Community

York Region District School Board  
York Catholic District School Board  
Toronto and Region Conservation  
Lake Simcoe Region Conservation Authority

## Provincial

Ministry of Environment, Conservation and Parks  
Ministry of Energy  
Ministry of Infrastructure  
Ministry of Natural Resources and Forestry

## Federal

Environment and Climate Change Canada  
Natural Resources Canada  
Infrastructure Canada  
Health Canada

## Additional Partners

Ontario Waste Management Association  
Solid Waste Association of North America  
Municipal 3R Collaborative  
Municipal Engineers Association  
Municipal Waste Association  
Ontario Municipal Water Association  
Ontario Public Works Association  
Canadian Public Works Association  
Water Research Foundation  
Association of Municipalities Ontario  
Canadian Water Network  
Regional Public Works Commissioners of Ontario



# QUESTIONS/DISCUSSION

For more information  
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