

WATER



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SUBSECTOR	ACTION	TIMEFRAME					LEAD	STATUS
		ongoing	2014-2015	2016-2017	2018-2019	2020-2024		
Potable Water Conservation	WT 1: Develop Official Plan policies to promote urban development forms and buildings that support reduced water consumption.		•				Planning and Development Services	Incomplete
Potable Water Conservation	WT 1.1: Develop policies and standards requiring new development applications to submit a Water Conservation Plan that details proposed water reduction targets and tactics.			•			Public Works and Engineering	Incomplete
Potable Water Conservation	WT 2: Support the Region of Peel's Water Smart Program to increase awareness and understanding of water use and conservation, including available water conservation programs.			•			Public Works and Engineering	Incomplete
Potable Water Conservation	WT 2.1: Work with Region of Peel to develop Brampton specific potable water use baseline.			•			Public Works and Engineering	Incomplete
Potable Water Conservation	WT 2.2: Work with Region of Peel to develop Brampton specific potable water use reduction targets.			•			Public Works and Engineering	Incomplete
Potable Water Conservation	WT 3: Work with Region of Peel and Conservation Authorities to promote the Region of Peel's ICI Indoor Water Efficiency Program to educate and assist ICI customers on how to reduce their consumption.			•			To Be Determined	Incomplete
Potable Water Conservation	WT 4: Support the Region of Peel to systematically reduce leakage in the water distribution systems.	•					Public Works and Engineering	Complete
Potable Water Conservation	WT 5: Work with Peel Climate Change Strategy (PCCS) partners to develop an Infrastructure Risk Management Assessment and Renewal Strategy to address climate change adaptation.			•			Community Services	Incomplete
Potable Water Conservation	WT 6: Undertake water use audits for City buildings and facilities.				•		Community Services	Incomplete
Potable Water Conservation	WT 7: Develop Water Conservation Plans for City buildings and facilities for potable water.				•		Community Services	Complete
Potable Water Conservation	WT 7.1: Implement the Water Conservation Plans for City buildings and facilities.	•					Community Services	Complete
Potable Water Conservation	WT 7.2: Develop a standard to install water conserving technology in new City facilities.				•		Community Services	Complete

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Potable Water Conservation	WT 7.3: Develop a standard to install water conserving technology in existing City facilities.				•		Community Services	Complete
Potable Water Conservation	WT 7.4: Pilot grey water and brown water systems in municipal buildings and facilities.					•	Community Services	Complete
Potable Water Conservation	WT 7.5: Establish wastewater demonstration projects in municipal buildings and facilities (e.g. LID, greywater recycling, green roofs).					•	Community Services	Incomplete
Potable Water Conservation	WT 7.6: Collect and reuse splash pad water to irrigate local parkland and sports fields, as appropriate.				•		Community Services	Complete
Potable Water Conservation	WT 8: Develop a Water Conservation Plan for City outdoor recreational facilities, sports fields and landscaped areas.			•			Public Works and Engineering	Incomplete
Potable Water Conservation	WT 8.1: Implement the Water Conservation Plans for the outdoor recreational facilities, sports fields and landscaped areas.	•					Public Works and Engineering	Incomplete
Potable Water Conservation	WT 8.2: Install computerized central controls for conservation on parks and open space irrigation systems.				•		Public Works and Engineering	Complete
Potable Water Conservation	WT 8.3: Update current landscape standards for City lands to require the planting of native and naturalized plant species to reduce watering requirements.			•			Public Works and Engineering	Incomplete
Water Resource Management	WT 9: Undertake and update subwatershed studies with the Province, Region of Peel, Conservation Authorities, conservation agencies and community groups.		•				Public Works and Engineering	Complete
Water Resource Management	WT 9.1: Implement subwatershed recommendations in all new development plans, including developing urban Master Environmental Servicing Plans for areas of redevelopment and intensification.		•				Public Works and Engineering	Complete
Water Resource Management	WT 9.2: Collaborate with Conservation Authorities to implement subwatershed recommendations to maintain, restore and enhance subwatershed health and identify new initiatives to improve watershed biodiversity and connectivity.	•					Public Works and Engineering	Complete
Water Resource Management	WT 9.3: Collaborate with Conservation Authorities to implement subwatershed recommendations through environmental education, restoration and stewardship programs, e.g. SNAP neighbourhood retrofits.	•					Public Works and Engineering	Complete

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Water Resource Management	WT 10: Develop a comprehensive Channel Remediation and Stream Restoration Strategy in conjunction with the Province, Region of Peel, Conservation Authorities and conservation agencies (e.g. Ontario Streams).				•		Public Works and Engineering	Incomplete
Water Resource Management	WT 10.1: Implement the Channel Remediation and Stream Restoration Strategy.	•					Public Works and Engineering	Incomplete
Water Resource Management	WT 10.2: Implement the recommendations of the Peel Channels Remediation Study, including a cost-benefit analysis, and the pilot projects identified for Spring Creek.	•					Public Works and Engineering	Incomplete
Water Resource Management	WT 10.3: Develop a Funding Strategy to implement the Channel Remediation and Stream Restoration Strategy.				•		Public Works and Engineering	Incomplete
Water Resource Management	WT 10.4: Establish a baseline and targets for channel remediation and stream restoration works.			•			Public Works and Engineering	Incomplete
Water Resource Management	WT 11: Support the Conservation Authorities' ongoing Watershed Monitoring programs.	•					Public Works and Engineering	Complete
Water Resource Management	WT 11.1: Work with Conservation Authorities to develop an Education and Awareness campaign about the impacts of stormwater runoff from private properties, including issues from fertilizers, pesticides, car washing, pets, swimming pool care, etc.			•			Public Works and Engineering	Incomplete
Water Resource Management	WT 11.2: Collaborate with other levels of government, research institutions, conservation organizations, etc. to undertake monitoring efforts that support watershed monitoring.	•					Public Works and Engineering	Complete
Water Resource Management	WT 12: Update the Lake Management Strategy 2005 including recommendations for conservation and management that have regard to watershed plans, etc.			•			Public Works and Engineering	Incomplete
Water Resource Management	WT 12.1: Implement the recommendations of the updated Lake Management Strategy through municipal programs and activities, and the development of partnerships with the Province, Region of Peel, Conservation Authorities and local community groups.				•		Public Works and Engineering	Incomplete
Water Resource Management	WT 13: Promote the use of rainwater and snowmelt as a resource.		•				Public Works and Engineering	Incomplete
Water Resource Management	WT 13.1: Development plans to manage stormwater runoff as a resource to irrigate active recreational lands, flower beds, etc.			•			Public Works and Engineering	Incomplete

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Water Resource Management	WT 13.2: Establish a pilot project that captures rainwater / snowmelt to irrigate City sport fields.				•		Public Works and Engineering	Incomplete
Water Resource Management	WT 13.4: Work with the Region of Peel and Conservation Authorities to develop and implement a Homeowner Rainwater Capture Program, including the use of rain-barrels and Rain Gardens.		•				Public Works and Engineering	Complete
Stormwater Management	WT 14: Develop a Stormwater Management Retrofit & Enhancement Study.		•				Public Works and Engineering	Complete
Stormwater Management	WT 14.1: Implement the Stormwater Management Retrofit & Enhancement Study.		•				Public Works and Engineering	Complete
Stormwater Management	WT 14.2: Develop a residential stormwater management utilities fee to help fund stormwater management retrofits and maintenance.			•			Public Works and Engineering	Incomplete
Stormwater Management	WT 14.3: Work with the Province, Region of Peel and Conservation Authorities to implement Stormwater Management Retrofit & Enhancement Study.			•			Public Works and Engineering	Complete
Stormwater Management	WT 15: Develop a Stormwater Management Facility Maintenance Strategy.			•			Public Works and Engineering	Complete
Stormwater Management	WT 15.1: Implement the Stormwater Management Facility Maintenance Strategy	•					Public Works and Engineering	Complete
Stormwater Management	WT 16: Develop a Low Impact Development (LID) Strategy for the development of alternative City standards and practices that address stormwater management.			•			Public Works and Engineering	Incomplete
Stormwater Management	WT 16.1: Implement the Low Impact Development (LID) Strategy			•			Public Works and Engineering	Complete
Stormwater Management	WT 16.2: Establish planning policies and standards that require a “treatment train” approach to stormwater management for new development applications.			•			Public Works and Engineering	Incomplete
Stormwater Management	WT 16.3: Partner with Conservation Authorities to implement Low Impact Development (LID) Strategy, including monitoring.		•				Public Works and Engineering	Incomplete

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Stormwater Management	WT 16.4: Implement LID boulevard pilot projects in conjunction with the City's Road Repaving Program.	•					Public Works and Engineering	Complete
Stormwater Management	W 17: Develop planning policies and guidelines that require all new applications for commercial and industrial development to give consideration to incorporation of Green Roofs in new construction.		•				Public Works and Engineering	Incomplete
Stormwater Management	WT 18: Develop a Corporate Green Roof Strategy.			•			Community Services	Incomplete
Stormwater Management	WT 18.1: Implement the Corporate Green Roof Strategy			•			Community Services	Incomplete
Stormwater Management	WT 18.2: Establish guidelines that will require the City to consider the installation of a green roof for the reconstruction and/or replacement of existing roofs of municipally-owned buildings and facilities.			•			Community Services	Incomplete
Stormwater Management	WT 18.3: Consider the establishment of standards for the installation of green roofs for all new municipally-owned building and facilities.			•			Community Services	Incomplete
Stormwater Management	WT 19: Develop and regularly update the Erosion and Sediment Control Bylaw (e.g. monitoring requirements, enforcement practices and resources).			•			Public Works and Engineering	Incomplete
Stormwater Management	WT 20: Undertake a city-wide Watercourse Erosion Study to identify areas for channel and stream remediation				•		Public Works and Engineering	Incomplete
Stormwater Management	WT 21: Continue to implement and update the City's Salt Management and Snow Management programs.	•					Public Works and Engineering	Complete