



MEMORANDUM

TO: Members of the Environmental Services Committee

FROM: Erin Mahoney, Commissioner, Environmental Services

DATE: January 18, 2012

RE: **Status Update - Showcasing Water Innovation Program**

Showcasing Water Innovation (SWI) is the Province of Ontario's program to fund leading edge, innovative and cost-effective solutions for managing drinking water, wastewater and storm water systems in Ontario communities. The application deadline for this program was June 24, 2011.

Under the SWI program, the Ministry of the Environment (MOE) was accepting applications for projects that:

- Take an integrated and sustainable approach to solve water management challenges
- Use new and innovative approaches and technologies
- Produce results that can be easily used by other communities
- Create partnerships that highlight the benefits of collaboration

York Region staff submitted four applications and partnered on two additional applications with Lake Simcoe Region Conservation Authority (LSRCA). Table 1 lists projects that were submitted for consideration and indicates projects that have received confirmation of funding, which was provided in December 2011.

Table 1 – Applications Submitted to the Showcasing Water Innovation Program

Project Title	Project Lead and Partner(s)	SWI Budget	Status
York Region Innovative and Sustainable Development Approvals Project	York Region in partnership with Town of Markham, Toronto Region Conservation Authority and Forest Bay Homes	\$144,250	Funding confirmed

Storm Water Management Pond Retrofits	LSRCA in partnership with York Region, Town of East Gwillimbury, Town of Newmarket, Town of Uxbridge and the Lake Simcoe Conservation Foundation	\$918,000	Funding confirmed
Water Quality Trading to Reduce Phosphorus Loadings to the Lake Simcoe Watershed	LSRCA in partnership with York Region, City of Barrie and Innisfil	\$781,494	Funding confirmed
Water Reclamation Demonstration Facility for Phosphorus Removal (UYSS)	York Region in partnership with the LSRCA and Wilfred Laurier University	\$1,000,000	Funding not yet confirmed
Water 2.0: Knowledge-Enabled Integrated Operation and Emergency Management of Urban Water Systems	York Region in partnership with University of Toronto	\$784,400	Funding not yet confirmed

Agreements are now being finalized for projects with confirmed funding. Work is currently underway to confirm project timelines, partners and deliverables for funded projects. Should the remaining projects not receive funding through the SWI program, staff will seek alternative funding programs.

Committee will be provided with updates on projects as they progress.

Erin Mahoney

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Copy to: Mike Walters, General Manager, Watershed Management Department, Lake Simcoe Region Conservation Authority