



Hamilton

INFORMATION REPORT

TO: Mayor and Members General Issues Committee	WARD(S) AFFECTED: CITY WIDE
COMMITTEE DATE: February 14, 2013	
SUBJECT/REPORT NO: Storm Water Facility Maintenance Program Enhancement (PW13012) - (City Wide)	
SUBMITTED BY: Gary Moore, P.Eng. Acting General Manager Public Works Department	PREPARED BY: Nello Violin (905) 546-2424, Extension 7875
SIGNATURE:	

Council Direction:

Not application.

Information:

A 2013 storm water management facilities maintenance program enhancement request has been included within the budget submission in the amount of \$1,370,000 with the following components:

- \$300,000 for catch basin inspection and cleaning on a two year cycle;
- \$150,000 for catch basin repairs to meet current rate of failure;
- \$650,000 for storm water pond rehabilitation;
- \$270,000 for culverts, outfall and structures inspection and maintenance.

The Storm Water Facility Maintenance Program includes inspection, assessment, cleaning, repair and rehabilitation of municipally owned culverts, outfalls, structures, catch basins, drainage channels, creeks, and storm water management pond facilities. The additional funding requested will support a comprehensive and proactive approach to storm water facility maintenance program management thereby decreasing risks related to infrastructure failure or substandard operation of drainage infrastructure.

The proposed enhancement was initiated in 2011 and Council approved one time funding to establish a storm water management pond inspection and monitoring program. Existing capital program budget resources were used to fund the cleaning, inspection and inventory of all catch basins located within city road allowances.

**SUBJECT: Storm Water Facility Maintenance Program Enhancement
(PW13012) - (City Wide) - Page 2 of 2**

The enhancement approved in 2012 provided one time funding for the following works:

- Roadway catch basin cleaning (two year cycle adding 13,106 units);
- Roadway catch basin repairs (thirty additional catch basins were repaired);
- Storm water ponds rehabilitation (six sites);
- Roadway cross culvert inventory survey and condition assessment;
- Flooding mitigation study for the Church Street area;
- Chedoke Creek east and west inlets maintenance.

The 2013 enhancement request supports a comprehensive and proactive approach to storm water management systems maintenance intended to:

- ensure optimal system performance,
- minimize flooding concerns due to infrastructure failures or substandard performance,
- ensure overall regulatory compliance with Minimum Maintenance Standards,
- support corporate strategic objectives and assist water/wastewater programs relative to storm water control and water quality
- comply with the State of the Infrastructure Report recommendations.