



## REPORT

**REPORT TO:** Mayor Bonnette and Members of Council

**REPORT FROM:** Steve Grace, Program Manager, Water Resources

**DATE:** June 21, 2018

**REPORT NO.:** TPW-2018-0027

**RE:** Stormwater Management Strategy Update

### RECOMMENDATION:

THAT Report TPW-2018-0027, dated June 21, 2018, regarding Stormwater Management Strategy Update, be received for information.

### BACKGROUND:

Through Report P&I-2017-0010, Council approved the award of the contract for the development of a Stormwater Management Strategy, to AMEC Foster Wheeler Environmental & Infrastructure.

The Stormwater Management Strategy Study is the first comprehensive review of the Town's stormwater management system. This represents the first phase of a multi-phase project to support the Town's Stormwater Management Program and to align the program with other corporate initiatives relating to sustainability and asset management.

### COMMENTS:

The Draft Stormwater Management Strategy includes an assessment of the Town's current Stormwater Management Program and expenditures, identifying life cycle analysis costs, funding and data gaps, including benchmarking against programs of similar municipalities. The assignment also includes the development of alternative stormwater management programs and associated costs, including funding gaps based on varying levels of service.

The study will ultimately recommend an approach to support the preferred Stormwater Management Program based on a sustainable level of service that will meet the Town's current and future needs.

The main components of the existing stormwater management system maintained by Public Works have a current value of approximately \$155,000,000.00, consisting of:

- 190 km (+/-) of pipes
- Approx. 2,365 maintenance holes
- 5,524 (+/-) catch basins
- 40 stormwater management ponds

It is anticipated that the study will be completed in the fall of 2018 and will include the following components:

- Stormwater Management Program Priorities
- Potential Stormwater Management Program Enhancements
- Stormwater Management Program Funding Options
- Potential Challenges to Implementing a Stormwater Management Funding Mechanism
- Immediate Next Steps
- Conclusions for Consideration
- Recommendations

Following the completion of the study, staff will be reporting back to Council with recommendations, which will support an appropriate and sustainable Stormwater Management Strategy including funding options for consideration.

#### **RELATIONSHIP TO STRATEGIC PLAN:**

- H.1 To provide infrastructure and services that meet the needs of our community in an efficient, effective and environmentally sustainable manner.
- B.1 To protect and conserve the quantity and quality of our ground and surface water resources, and ensure the integrity of our watersheds and aquatic ecosystems through integrated watershed planning and management.

#### **FINANCIAL IMPACT:**

There is no financial impact related to this report.

However, staff will be presenting two Needs Identification and Assessments in the 2019 Budget to improve our current Stormwater Management Program, including one to upgrade the Catchbasin Cleaning Program to current Industry Standards, and one to complete a Stormwater Master Plan Study.

#### **CONSULTATION:**

The Chief Administrative Officer and Senior Management Team were consulted on the Draft Stormwater Management Strategy.

#### **PUBLIC ENGAGEMENT:**

Public Engagement is not applicable at this time.

**SUSTAINABILITY IMPLICATIONS:**

The Town is committed to implementing our Community Sustainability Strategy, Imagine Halton Hills. Doing so will lead to a higher quality of life.

The recommendation outlined in this report, is not applicable to the Strategy's implementation.

**COMMUNICATIONS:**

Communications is not applicable at this time.

**CONCLUSION:**

The consultant has presented several options for consideration of the Draft Stormwater Management Strategy. The project team will examine all of the options presented by the consultant and develop a detailed Stormwater Management Program, which will include operational and implementation costs for Council's consideration.

Staff will be reporting back to Council in 2019 with recommendations on an appropriate and sustainable Stormwater Management Strategy.

Reviewed and Approved by,



Bill Andrews, Director of Engineering



Chris Mills, Commissioner of Transportation and Public Works



Brent Marshall, CAO