

Stormwater Plan – Project Startup

May 2019



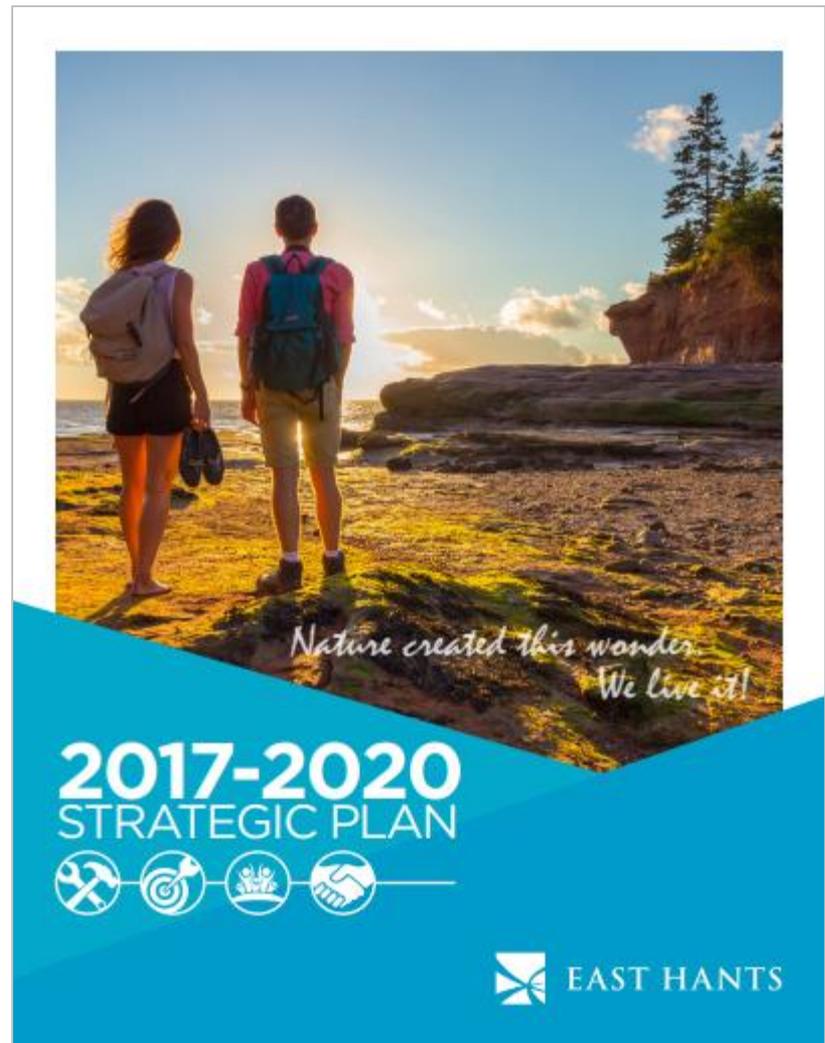
EAST HANTS

Introduction

Staff are presenting a proposed approach for the development of a Stormwater Plan as listed in the current Strategic Master Project list.

The intent is to establish Council support for this approach and begin the work planning process.

<p>2. INFR - Purposeful planning of long term infrastructure needs and related funding models</p> 	Enhanced Long-Term Capital Planning ensuring priority projects are ready for funding applications and first in line for resources	En/Ad
	Sale of Snides Lake	En/Ad
	Information Management – Asset Management System implementation	En/Ad
	Disposal of Surplus Property project	En/Ad
	Land Acquisition - WW Infrastructure	I&O
	Municipal Road Condition Assessment	I&O
	Rezoning of Milford Rail siding lands	P&D
	Playground Development Plan	PRC
	Sportfield Management Plan	PRC
	Milford groundwater study	P&D
	Storm Water Plan	I&O
	North Lantz Water Tower	I&O
	Lantz Lagoon Sludge Management Start-up	I&O

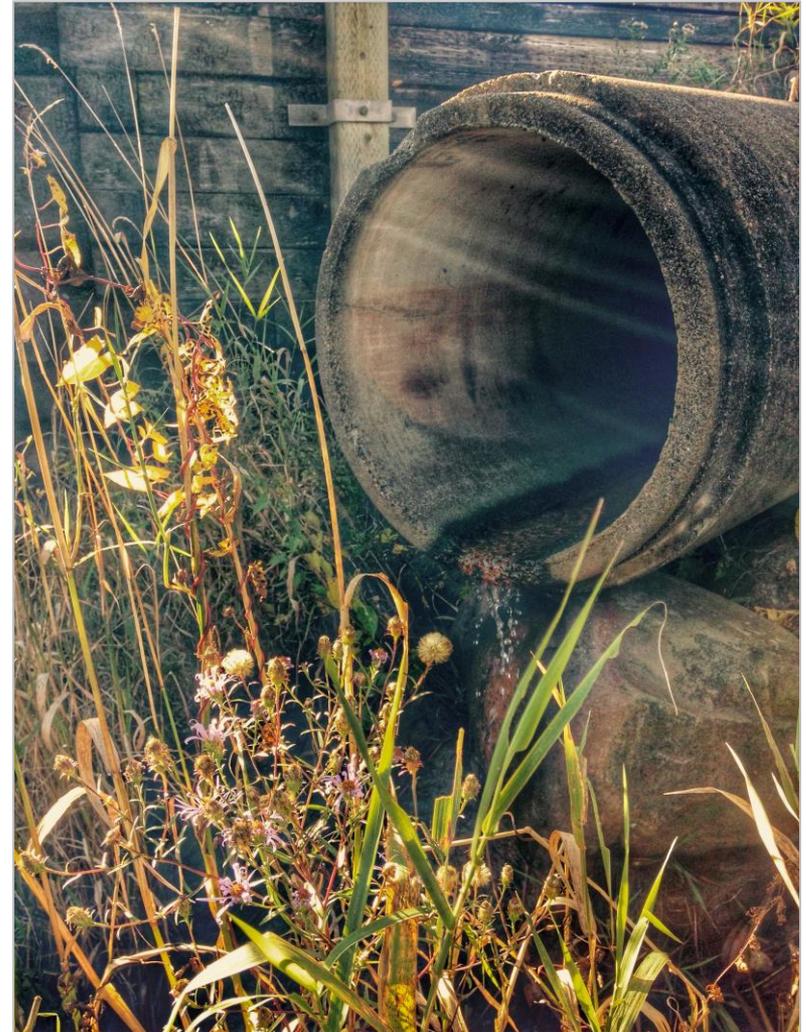


Introduction

The Stormwater Plan is being defined as the review of the existing Storm Drainage Policy.

The result is anticipated to be;

- An updated Stormwater Policy, and
- The adoption of a Stormwater Bylaw



Introduction

The Municipality last reviewed the overall topic of stormwater over a decade ago;

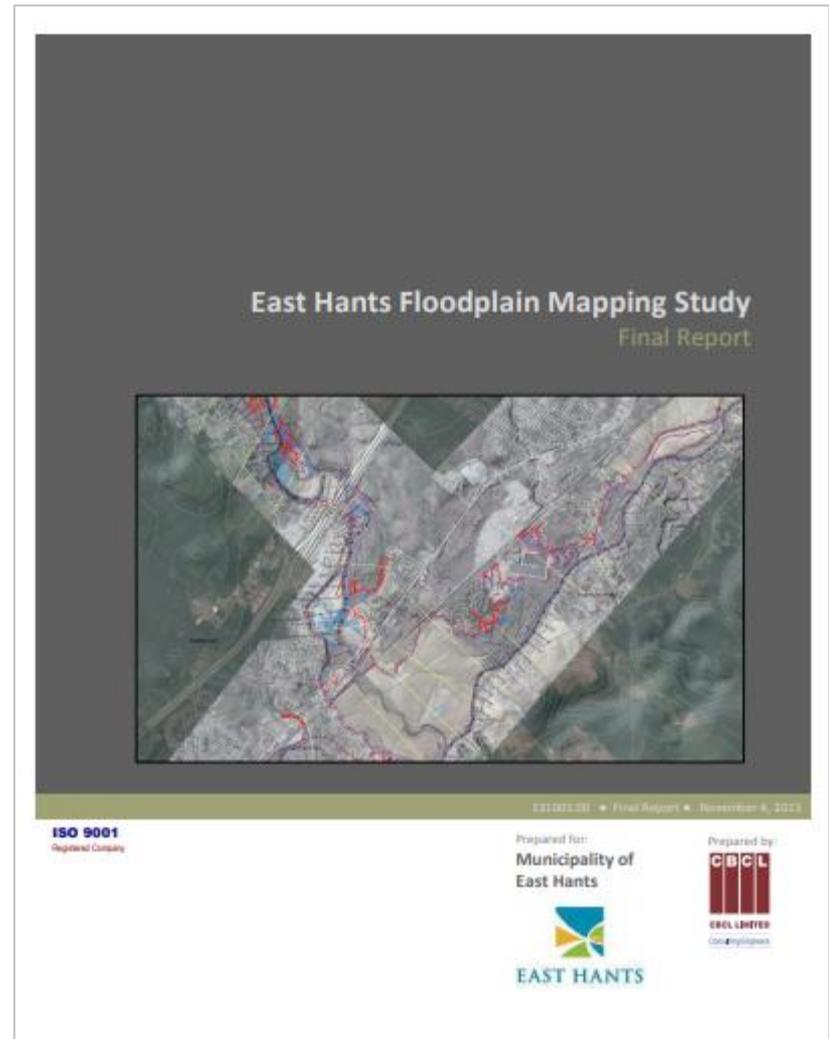
- The result was the development of the “*Storm Drainage Policy*”
- Council approved the current policy on **June 27, 2007**
- The purpose of the existing policy;
“to provide clarification on the Municipality’s Role in Addressing Storm Drainage issues and financing related works within serviced areas, both for private and publicly owned properties.”



Out of Scope

Flood Plain Delineation

This was completed through the corridor as part of the recent Plan Review process and there are no plans to extend that into rural portions of the municipality.



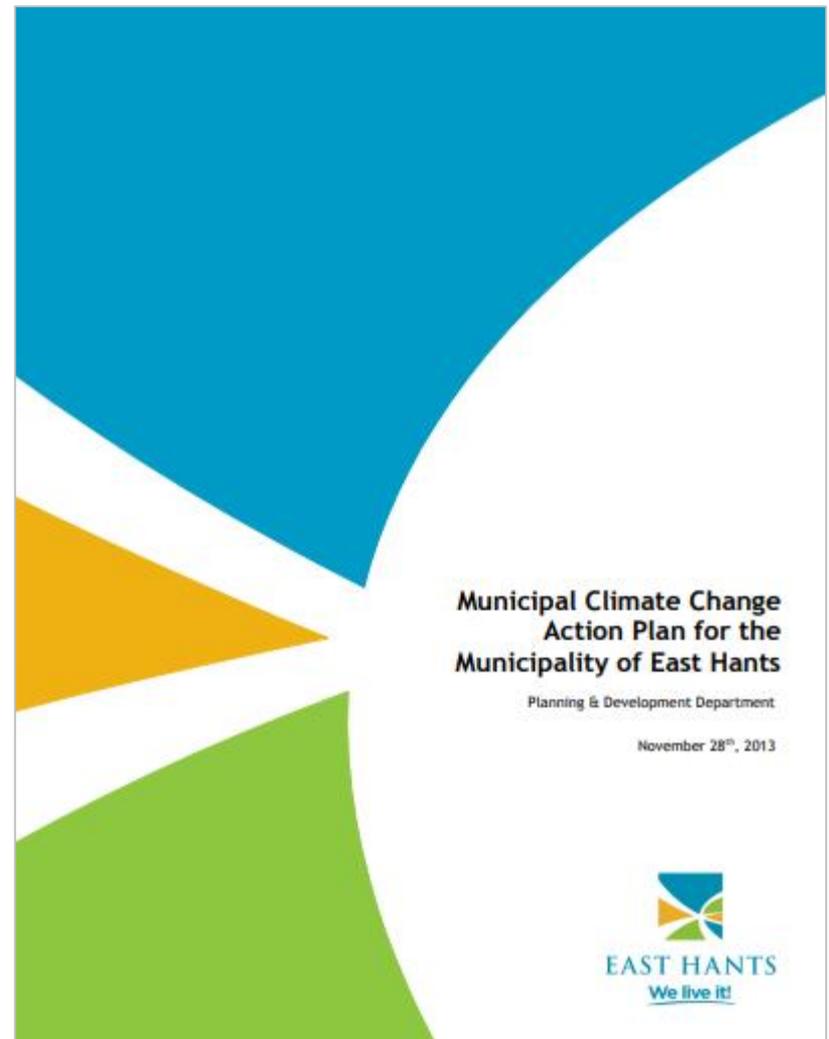
Out of Scope

Carbon Footprint Reductions

This topic is a better fit within the existing Municipal Climate Change Action Plan document.

Exploring additions to this existing plan could include;

- Solar City grants
- Updating Municipal Building Standards (i.e. LEED)
- Reducing single use plastics
- Emissions monitoring
- Wind Energy



Assumptions & Constraints

Staff Resourcing and Budget

- Based on the approach presented, staff believe there are no additional staffing or significant budget requirements.
- The assumption is that the work will take place as time permits while working on other projects and organizational initiatives rather than a focused timeline.
- The projected timeline for a proposed amended policy and drafted Bylaw to be presented to Executive Committee would be Spring 2020.
- There is no intention to hold public events in the plan which would add time, cost, and additional resources.
- There are no technical studies planned that would leverage consultants. The thought being it is more likely that discussions during policy amendments would identify opportunities for future studies depending on the direction that the policy takes.

Project Plan



Commit to Approach

Define Current State

Benchmarking

Engagement

Recommendations





Commit to Approach

- Staff are proceeding under the context that this work is focused on operational and financial ownership of assets.
- Staff are not planning to start from scratch, but rather update what has already been established.
- No motion is required if the presented approach is acceptable.
- If there are specific scope requests that are not mentioned in this presentation, a motion will be required and the impact on the plan will be reported back at a later date.
- Council will have the opportunity at the end of the process to approve any recommended changes or updates.

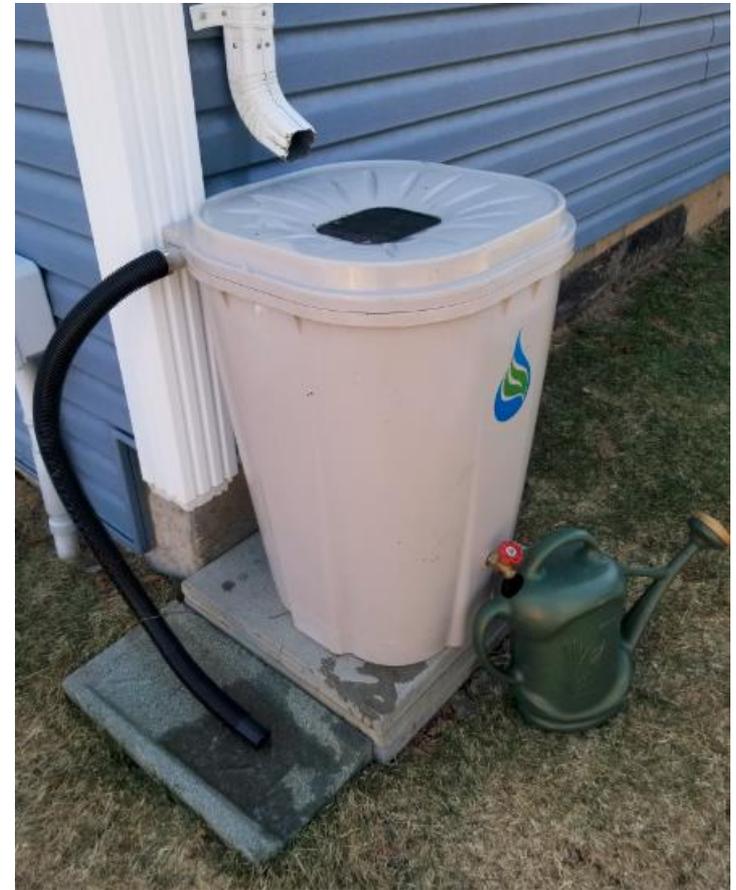


Define Current State

- A review of the current Policy and documents that went into its development
 - 1994 Stormwater Task Force documents
 - Connections with the Land Use Bylaw and Subdivision Bylaw
 - Historic reports on inland flooding
- An asset inventory will be compiled to quantify existing stormwater assets
 - Kilometers of Open Ditches
 - Piped storm sewers and catch basins
 - Stormwater retention ponds
- A legal review will be conducted to understand current levels of authority
 - Opinion of stormwater infrastructure installed within Provincial ROW's as part of Municipal sidewalk projects
 - Review of Municipal authorities under s.333 of the Municipal Government Act

Benchmarking

- Staff will complete a regional assessment to determine the level and/or complexity of stormwater programming. (i.e. Halifax, Truro, Moncton)
- Known national programming will be reviewed to seek out best practice options that could be viable fits for East Hants
- A review of what other agencies may already be doing or offering within Nova Scotia. (i.e. SWEPS, Clean NS)



Engagement

- Interview sessions with identified local resources that can talk to localized historic experiences to gain area by area perspective
- Online Survey to gauge public opinion on funding, ownership, and governance (Optional)
 - Note: Not all resident have access to the internet, so data will be a sample of opinions and interpreted as such





Recommendations

- There will be a full report submitted for Council review and work towards an approved list of recommendations
- If there are specific topics that arise that need to be clarified to enable the completion of a full report, they will be brought forward as a stand alone item
- The current anticipated result is to have a revised Policy and a newly created Bylaw
 - Having a new Bylaw will be contingent on authority levels within the MGA
 - If the scope changes through direction of Council, the anticipated results could also add or subtract from the content included in the final result



Questions?