



**Town Rainwater
Management Financial
Plan (RWMP) and
Stormwater Fee
Development**

**Council Workshop #1
June 11, 2024**

Opening Remarks

Introductions

- **Toronto Regional Conservation Authority**
- **Conservation Halton**
- **AECOM**



Toronto and Region
Conservation
Authority

Steve Auger
Senior Manager,
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Sharon Lam
Intermediate Research Scientist,
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Barb Veale
Senior Director,
Watershed Strategies & Climate
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Lesley Matich
Manager, Science & Monitoring



Pippy Warburton, P.Eng.
Water Resources Lead, Canada
Role: Project Manager

Alicia Evans, MSc (Planning), CPF
Manager, Community Engagement & Communication
IAF Certified™ Professional Facilitator
Role: Public Consultation

RWMP and Stormwater Fee Feasibility – Council Workshop #1

Purpose

- **Provide information on the Roles of Green and Grey Infrastructure and Impacts of Climate Change**
- **Provide an overview of the Stormwater Funding Options Available and Considerations**
- **Outline the Education and Engagement Plan Roadmap**

Today's AGENDA

Town

- RWMP Road Map & Objectives
- Oakville's 30-year stormwater management needs
- Overview of process to-date & next steps

TRCA

- **Green Infrastructure**
 - What is green and grey stormwater infrastructure?
 - How do green and grey stormwater infrastructure work together?
- **Climate change**
 - How will climate change impact stormwater infrastructure?
 - How do you increase stormwater infrastructure's resiliency to climate change?

AGENDA Continued

AECOM

- **Importance of Stormwater Management**
 - What is stormwater and stormwater runoff
 - What happens when stormwater isn't managed properly
- **Options to Fund Stormwater Management**
 - Why explore a Stormwater Fee?
- **Stormwater Fee Feasibility Study**
 - Purpose of the Study and overview of study process
 - Overview of Engagement Plan/ how and when the public can participate

Stormwater Management is a Fundamental Service



Town-wide RWM Financial Plan



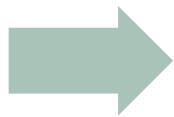
Townwide Rainwater Management Plan Road Map

(March 2023)

Phase 1 – 2022

- Identify Needs & Service Level Assessment

Input: SWMP, Riverine studies, Harbour Risk Assessment, Condition reviews



Phase 2 - 2023

- Prioritization & 30 Yr Long-term Plan

- *Reports to Council
- March 2023
 - July 2023
 - September 2023



Phase 3 - 2024/25

- Financing Plan, Feasibility Study & Implementation

Phase 1 – Identify Needs - \$640 M

Stream 1: Stormwater Life-cycle Needs

- Protect Infrastructure and Natural Assets
- Maintain Proper Storm Network Functionality
- Based on Physical Condition Assessment/Inspections

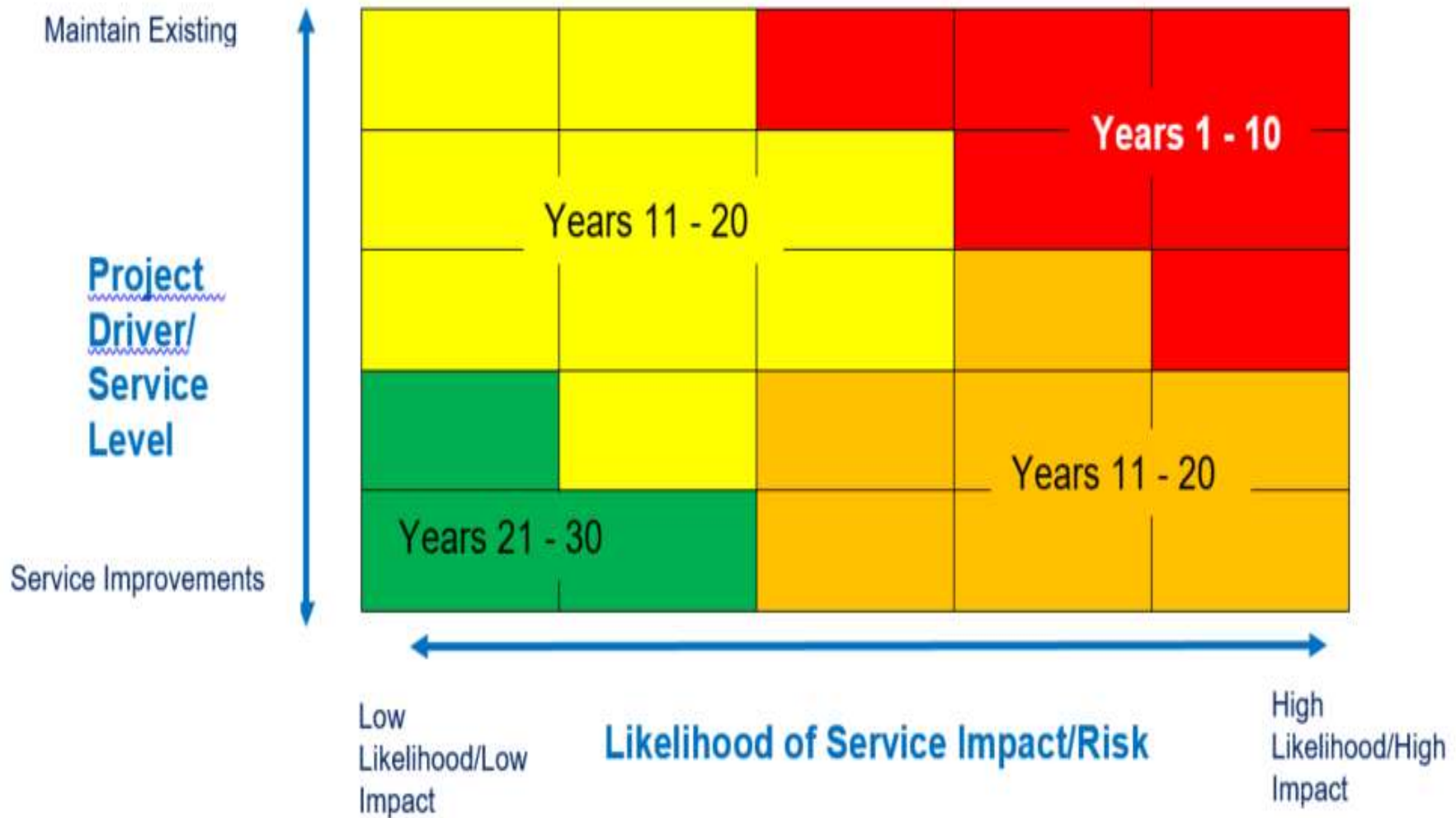
\$288 M

Stream 2: Climate Adaptation

- Opportunities to Adapt/Modify
- Enhance the Stormwater Network to Increase Resiliency
- Based on theoretical modelling for more intense storms/higher lake levels

\$352 M

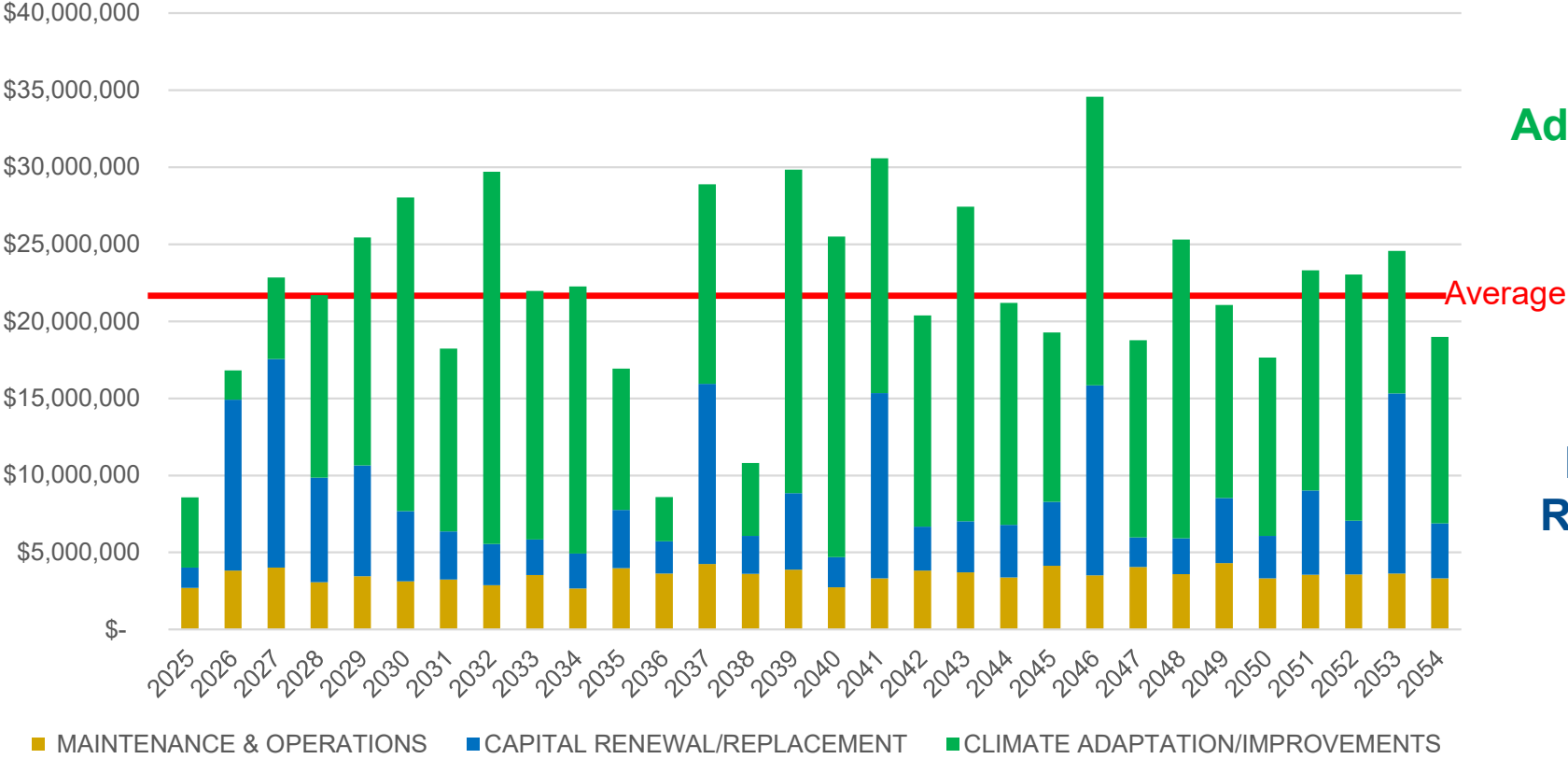
Phase 2 – Prioritization Method



Phase 2 – 30 Year Forecast - \$640M

AVERAGE ANNUAL NEED \$21.3 M

RWMP 30 Year Long-Range Plan



Climate Adaptation - \$352M



Rehabilitation/ Renewal - \$225M



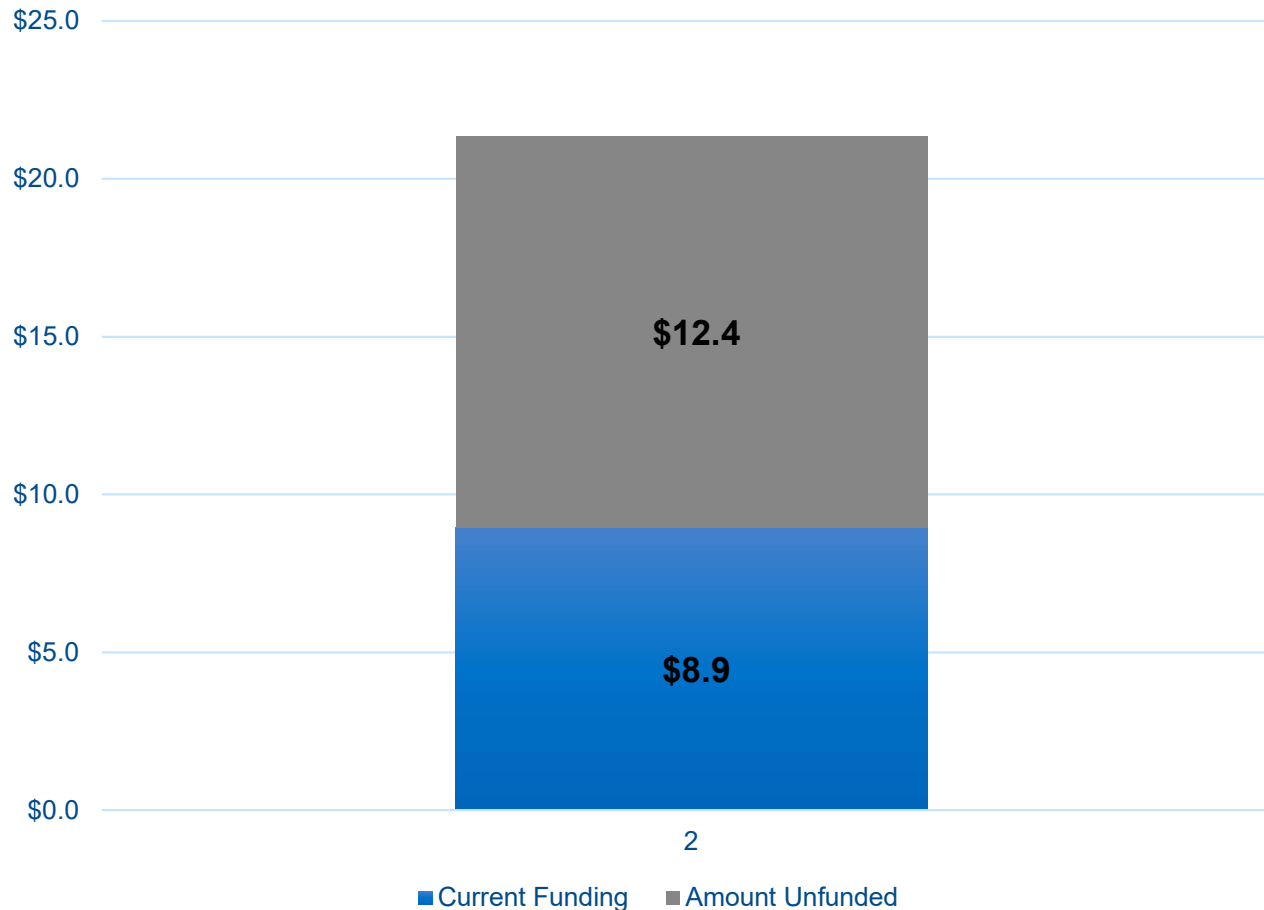
Maintenance - \$63M

Stormwater Need vs Existing Funding

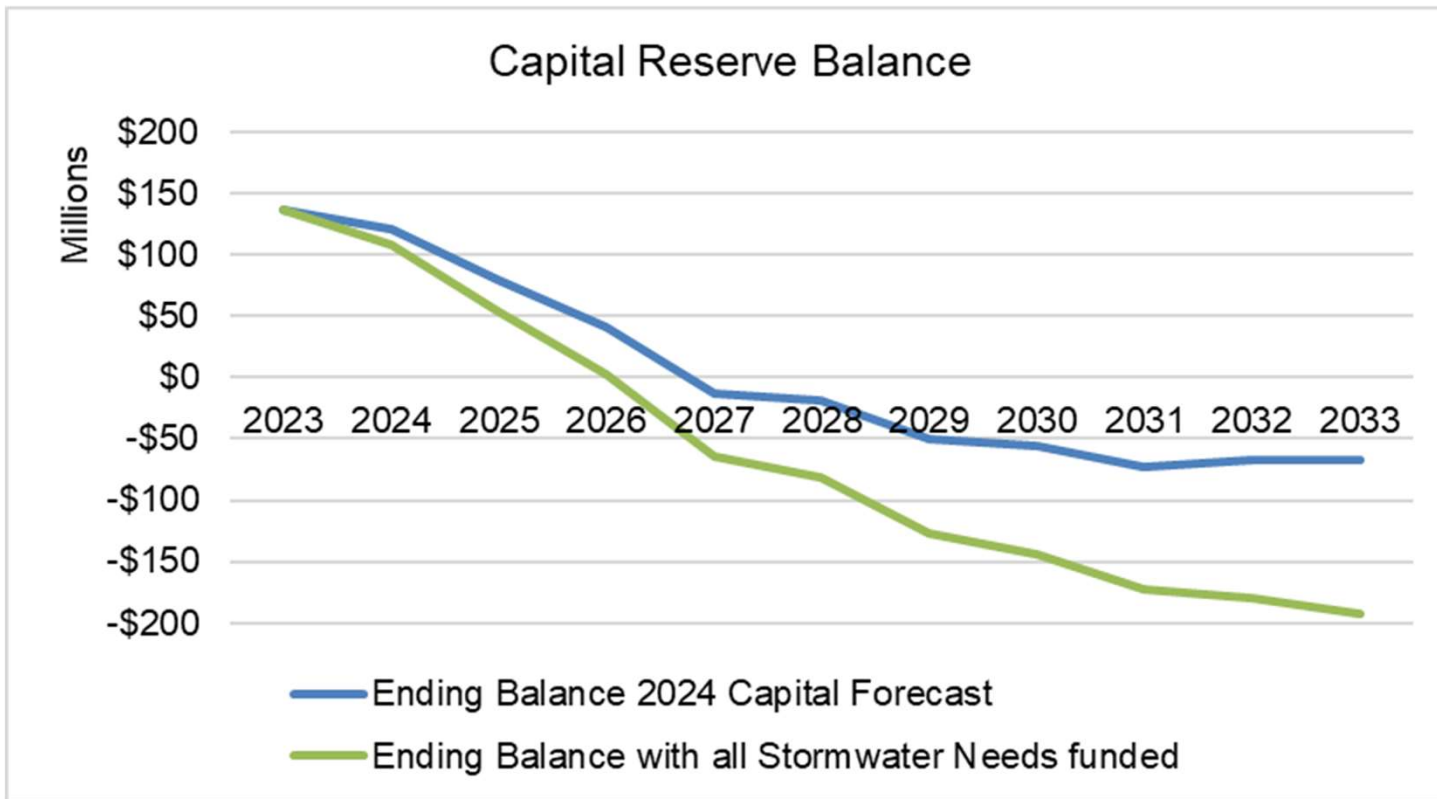
Average Existing Funds \$8.9 Million (Op & Capital Levy/Reserve)

TOTAL NEED \$21.3 M = \$12.4M shortfall

RWMP Average Annual Funding Needs
(millions)



Estimated 10 Year Capital Reserve Forecast

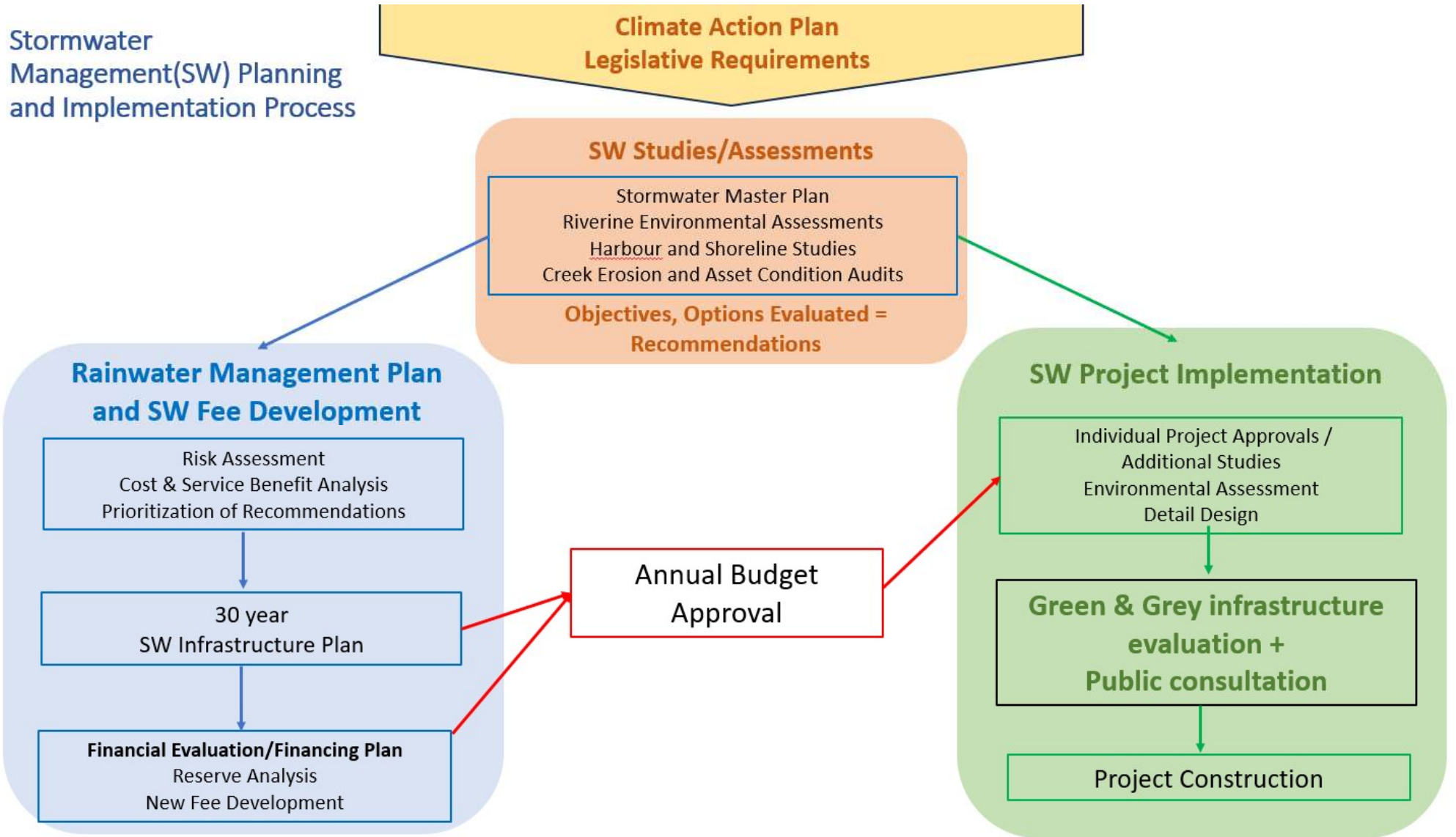


If No Increase in Funding

- require an additional \$12.4 M per year from reserve (on average).

Conclusion = Need increase in Funding for Stormwater

How it Fits Together



Council Resolutions

At the March 27, 2023 meeting, Council passed the following recommendation:

That the report entitled Roadmap for Town-wide Rainwater Management Strategy from the Community Infrastructure Commission, dated March 15, 2022, be received.

At the July 11, 2023 meeting, Council passed the following recommendation:

That the Rainwater Management Strategy, under development, and associated fees and studies, ensure that green infrastructure be preferred, and grey infrastructure only where necessary, with a program of public consultation.

A further motion was approved at the August 15th, 2023 Council meeting as follows:

The staff be requested to report back on how current and future rainwater studies will address the Council direction of July 11th, which requires that green infrastructure be preferred and how public consultation will be incorporated.

At the September 2023 meeting, Council passed the following recommendations:

1. *That the information on the Rainwater Management Financial Plan (RWMP), stormwater fee development next steps and consideration of green stormwater infrastructure be received.*
2. *That staff report back in 2024 with an update on the recommended stormwater fee structure and implementation plan.*

