



Saugeen Valley Conservation Authority

# Programs and Services

Jennifer Stephens

General Manager/Secretary-Treasurer

January 17<sup>th</sup>, 2023



**We are one of 36 Conservation Authorities across Ontario under the umbrella organization of Conservation Ontario.**



# Natural Hazards Management



## Non-Structural Approaches

### Keeping people away from water

- Regulation of development in floodplains
- Flood forecasting and warning
- Water infrastructure maintenance and inspection
- Emergency planning



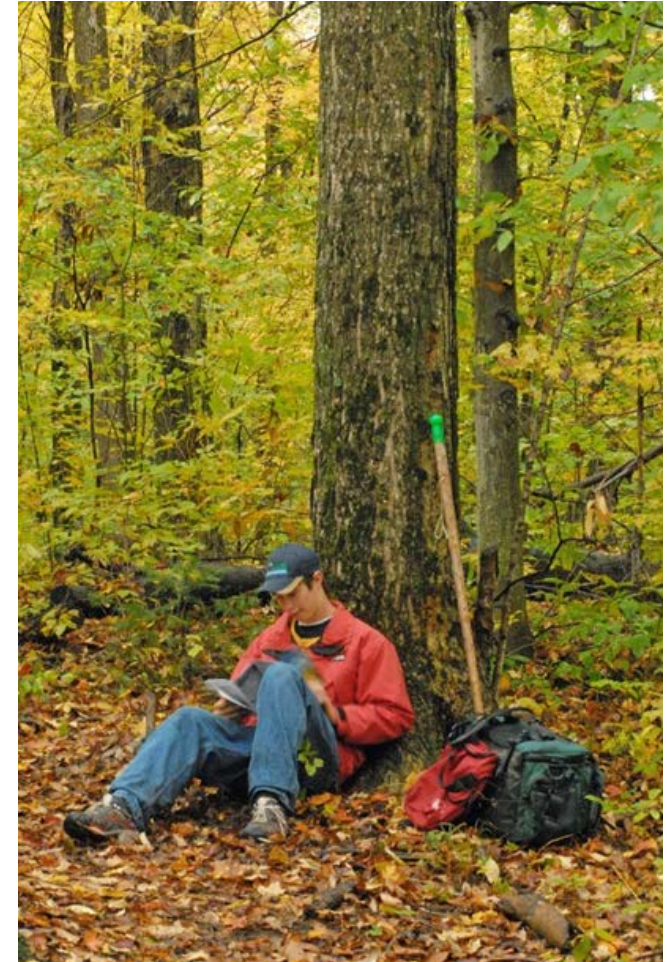
## Structural Approaches

### Keeping water away from people

- Dams – to control flow of frazil ice and water
- Dykes – to restrict flows to the proper channel
- Channel works – to protect slopes from erosion

# Land Conservation

- 153 different properties in 86 groupings
- 54 km of maintained recreational trails, 129 km in total
- Maintenance of any facilities, trails, or other amenities that support public access and recreational activities in conservation areas
- Conservation, protection, rehabilitation, establishment, and management of natural heritage located within the lands owned or controlled by the Authority



# Drinking Water Source Protection

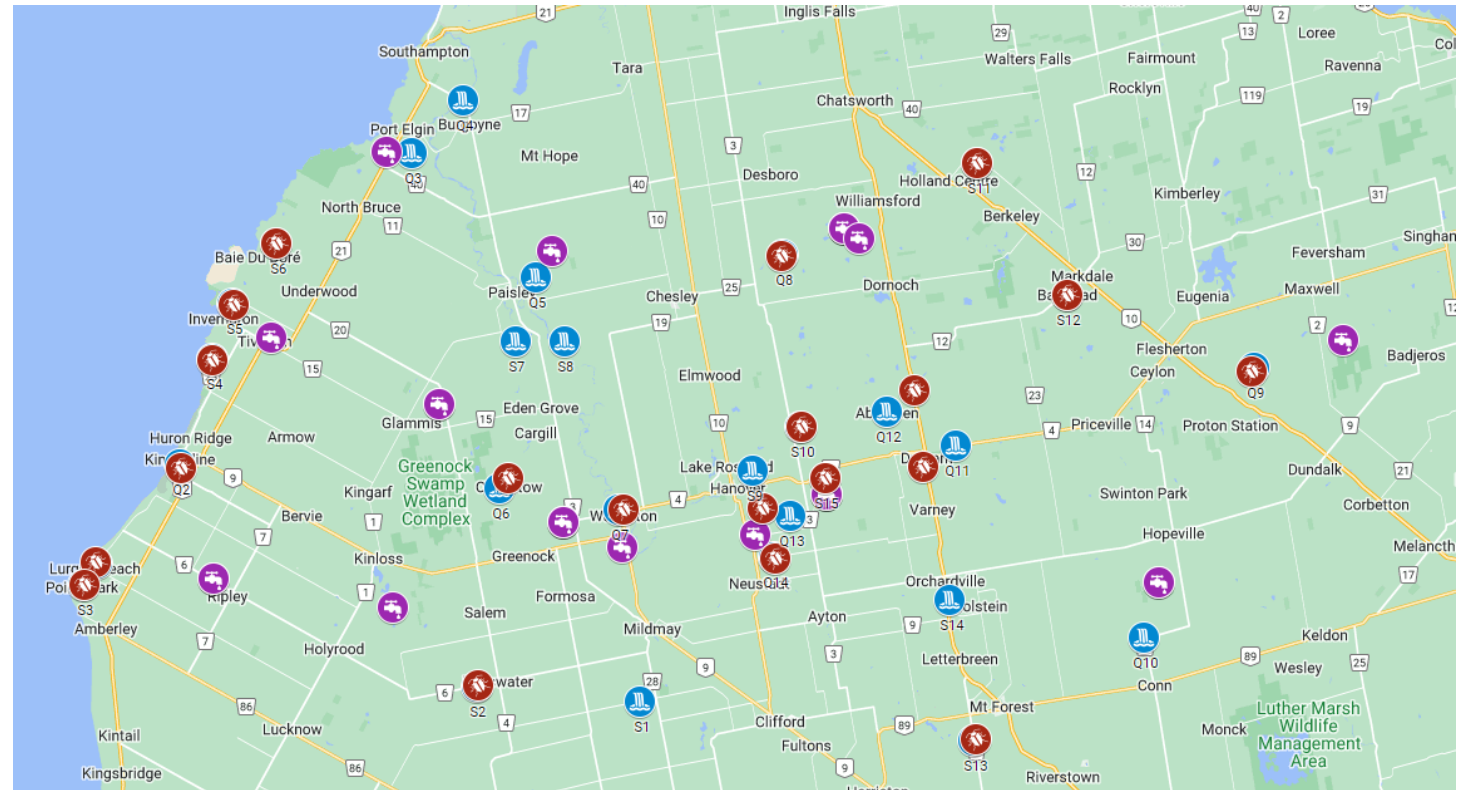
- Source protection is the first line of defense to protecting our drinking water
- Ensure communities are taking appropriate measures to protect municipal drinking water
- SVCA has a responsibility to help protect municipal sources of drinking water
- 153 Risk Management Plans are currently in place throughout the Source Protection Region
- 100% of significant drinking water threat policies have been implemented within the Source Protection Region





# Water Quality Monitoring

- Used to identify trends in watershed health
- Surface Water Monitoring (29 sites)
- Biomonitoring (20 sites)
- Groundwater Monitoring (23 aquifers at 14 sites)



# Forestry and Stewardship Services

- Tree Planting Program  
(150,000 trees planted/annually)
- Managed Forest Tax Incentive  
Program applications for Authority  
properties and private landowners
- Tree Marking and Tendering  
Program
- Maintenance and improvement  
projects related to Authority  
forested properties (8,000ha)

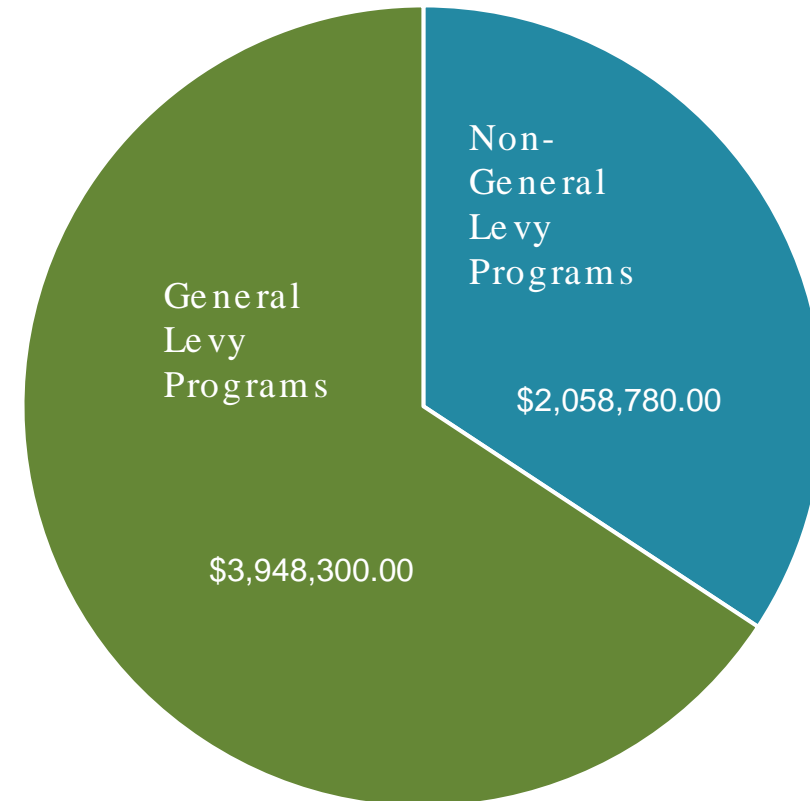




# 2023 Budget



Municipality of West Grey: \$251,064

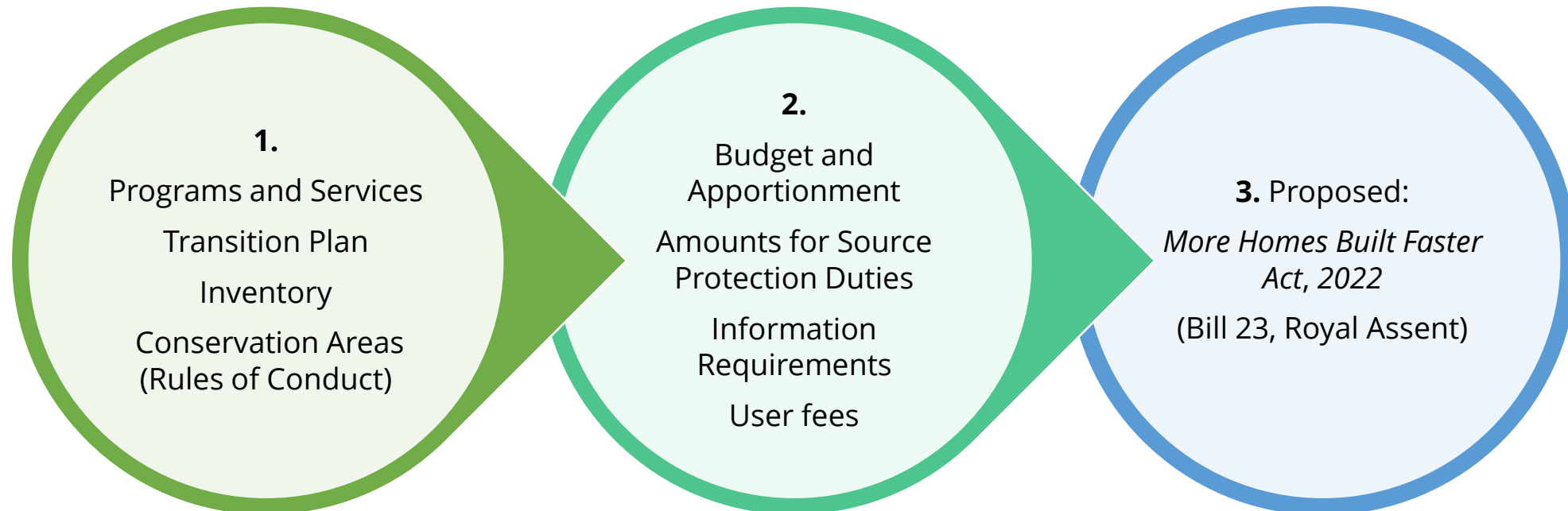


Total: \$6,007,080

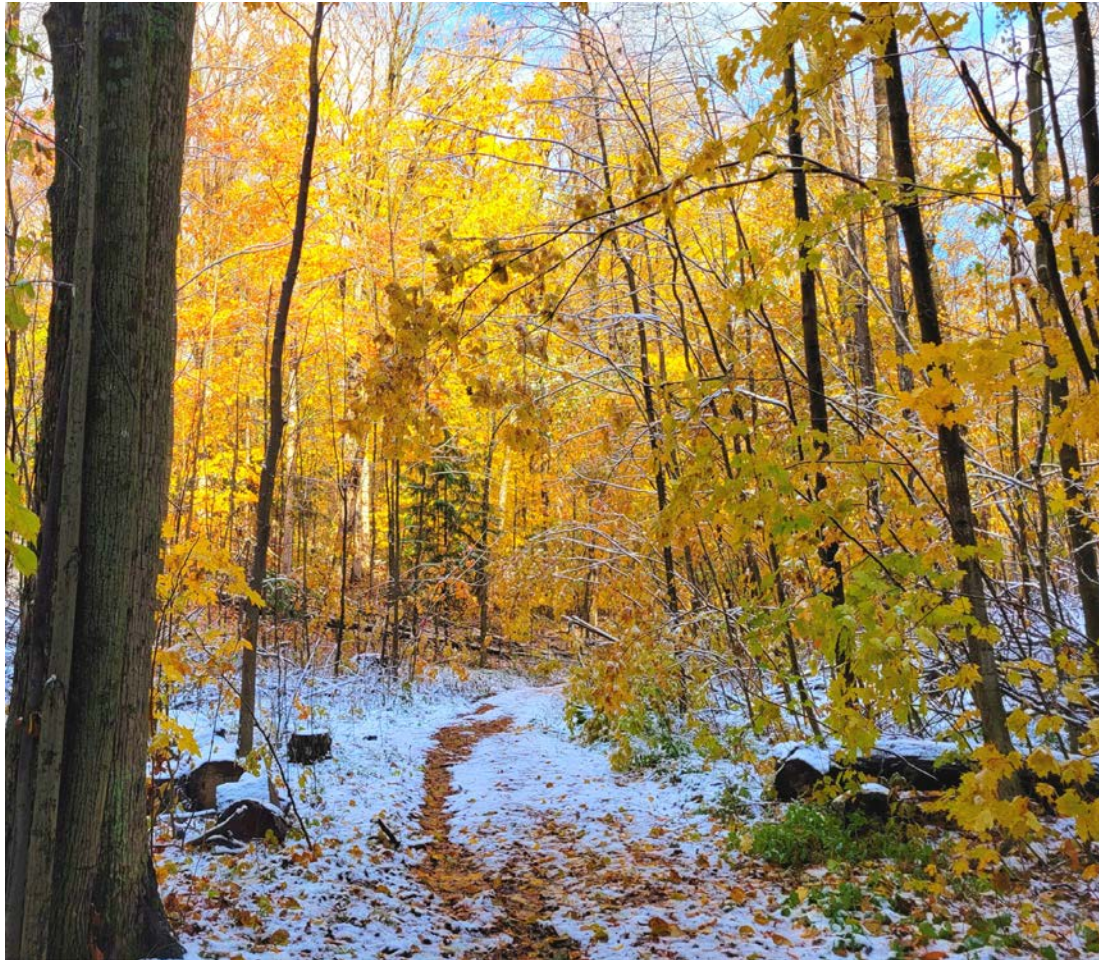


# Conservation Authorities Act

## Overview of Related Changes and Proposals from 2021 Onwards



# Programs and Services



**Category 1:** Mandatory programs and services

**Category 2:** Programs and services a conservation authority does on behalf of municipalities

**Category 3:** Programs and services that a conservation authority determines are advisable to provide in its jurisdiction

Agreements between municipalities and conservation authorities for Category 2 and 3 Programs and Services must be in place by January 1, 2024.





**Thank you!**

# 2023 Project Funding Overview

Municipality of  
West Grey



ELISE MACLEOD





# Introduction to WECI Funding

The Water and Erosion Control Infrastructure (WECI) program is a Ministry of Natural Resource and Forestry (MNRF) capital cost share program for major maintenance of water or erosion control structures that are either owned or maintained by Conservation Authorities.

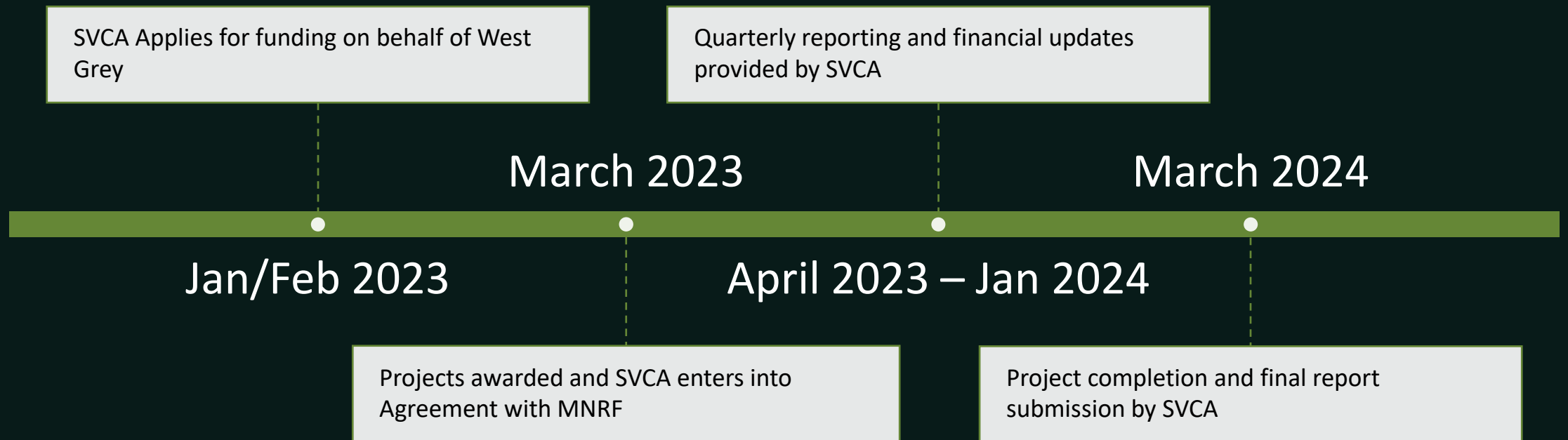
Funding is available for existing infrastructure, in a 50/50 cost share with West Grey. There must be a resolution between West Grey and SVCA to demonstrate financial commitment to be eligible. Saugeen Conservation completes WECI application and oversees the project.

**There are four program classes: dams, dykes, shoreline erosion protection, and flood control channels.**



# WECI Timeline

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# Durham Upper Dam

The 2022 engineering inspection report indicates widespread concrete deterioration and numerous dire public safety concerns. There are 11 recommendations, including full rehabilitation of the dam structure; rehabilitation of concrete piers/abutments, bracing for stoplogs, replacement of the pedestrian walkway, and remediation of seepage through the embankment. A Class Environmental Assessment was recommended to determine what other longer-term solutions could be used.



## **SVCA staff recommend undertaking a Class EA**

Financial Implications: \$100,000

- Beginning in 2023 - \$15,000 (Council Resolution 315-2022), for a total of \$30,000 towards the Class EA

Potential for 50% WECl funding to match West Grey contribution.

# Neustadt Flood Control Works – Meux Creek

In 2022, a tender was issued for rehabilitation of the gabion basket wall in Meux Creek. The work included encasing the bottom layer of gabions in concrete to stabilize the wall. Only one bid was received which was significantly higher than the engineer's estimate and allotted budget.



**SVCA staff recommend re-tendering in February 2023 with construction in Summer 2023**

Financial Implications: \$400,000

Potential for 50% WECI funding to match West Grey contribution.



# Next Steps

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- 1) WECI submission period 2023:  
January 23rd to February 17th
- 2) SVCA staff require a Council resolution from West Grey for the following financial contributions:
  - a) Durham Upper Dam EA - \$15,000
  - b) Neustadt Flood Control Works - \$200,000
- 3) SVCA to prepare long-term capital plan to assist with budgeting and project planning

*If WECI application is unsuccessful...*





# Thank you

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