

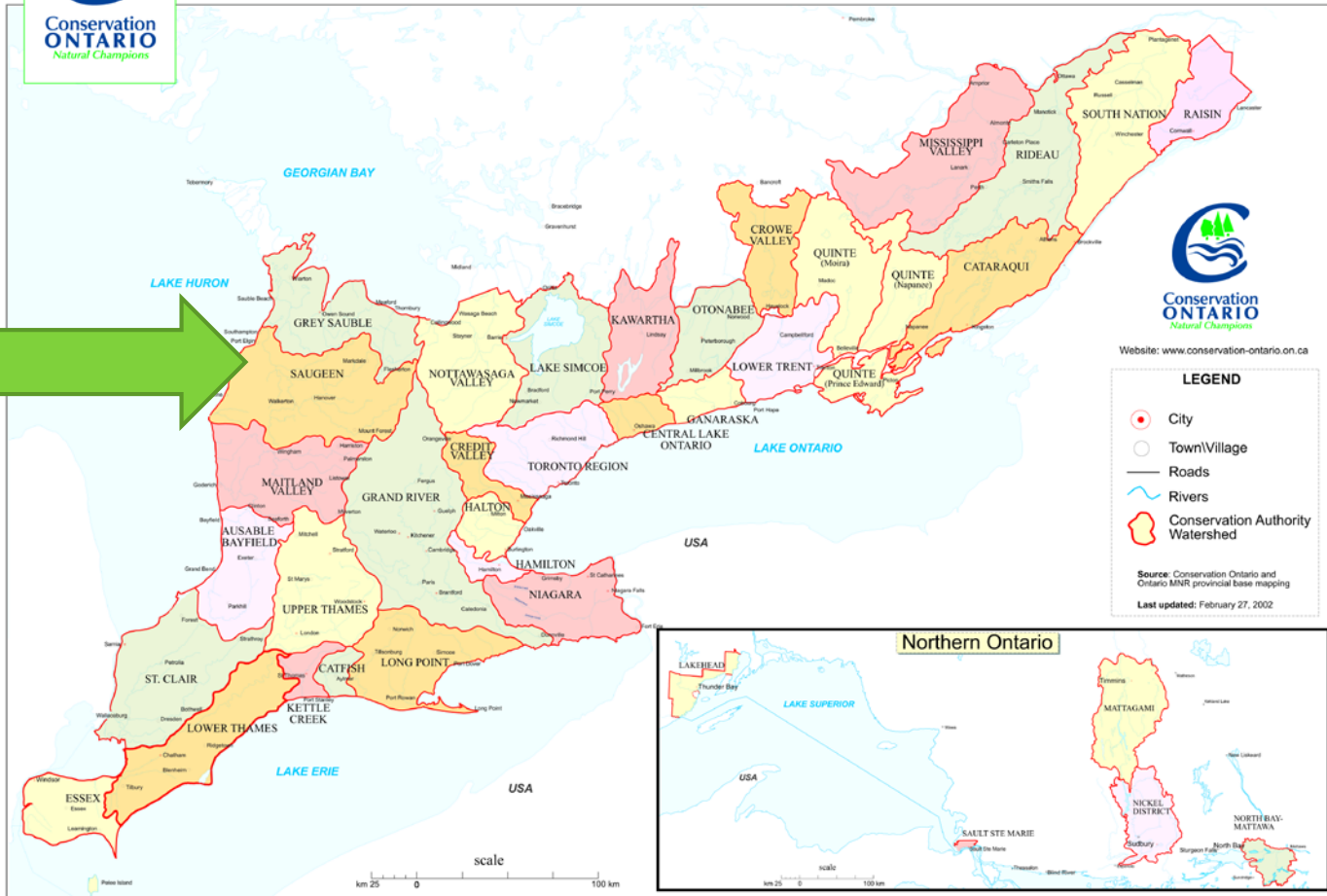


What we do!

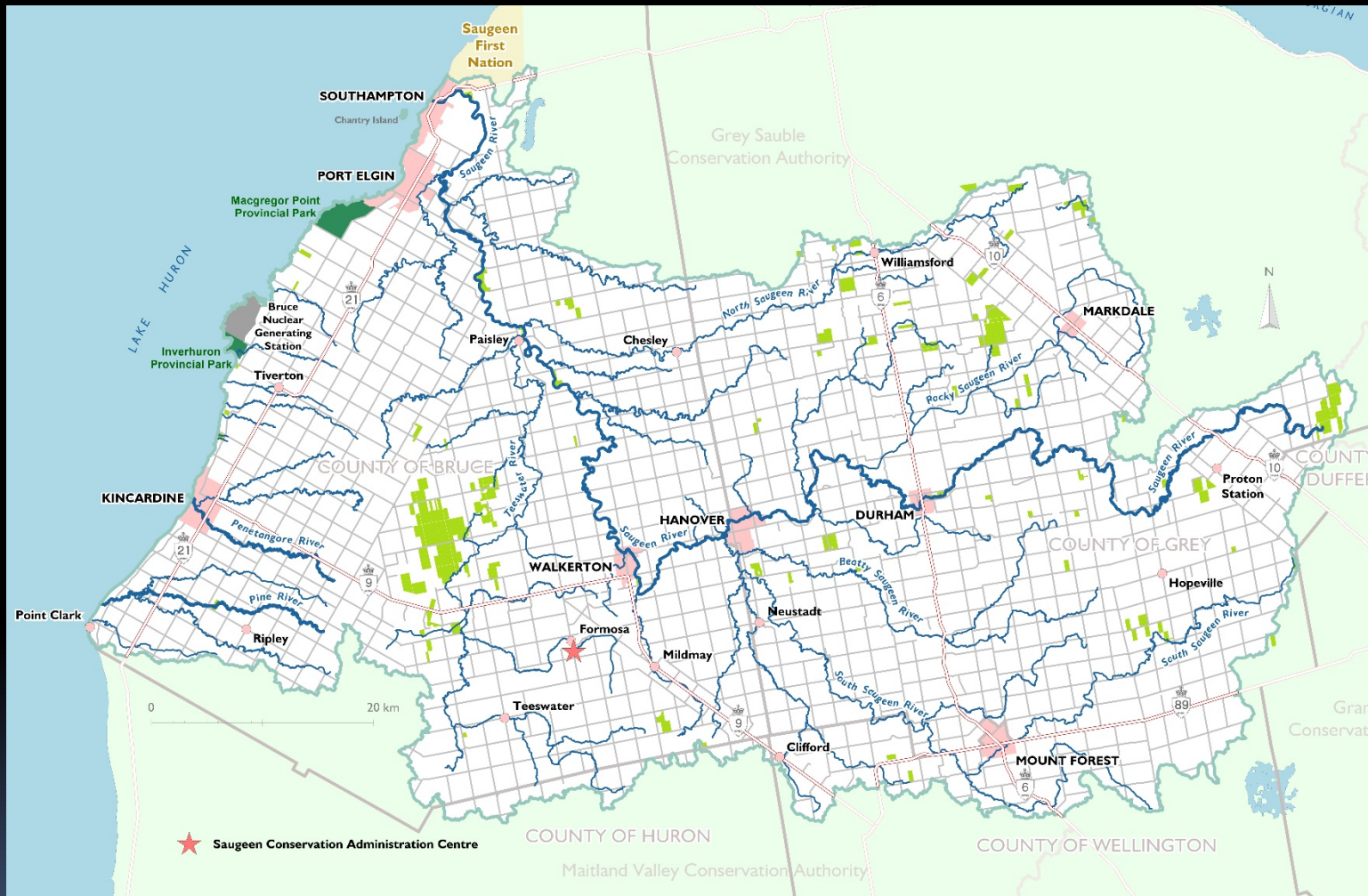
# The Provincial Perspective



## CONSERVATION AUTHORITIES OF ONTARIO



# The Watershed



The watershed jurisdiction is 1,800 sq miles or 4,765 sq km





*Conservation Authorities – Why Were they Established ?*  
- two major reasons -

1



2



In this watershed alone (between 1837 – 1951), there were 36 recorded floods (losses /damages?)



*Some interesting facts..*

- Nov. 1949, 32 municipalities agree to form Authority
- March 1950 – 1<sup>st</sup> Meeting
- SVCA is the 13<sup>th</sup> CA established in ON
- 1952 – motion for flood control in Walkerton – first major capital project.



*Walkerton, 1948*



*Walkerton, 1950's*



# Hurricane Hazel

October, 1954



Damage Estimate: \$20,000,000

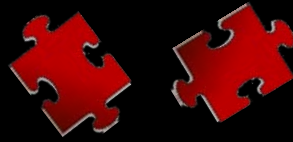
Lives Lost: 81





*A Core Mandate for all Conservation Authorities  
Across Ontario*

*The prevention of loss of life , property  
damage and social disruption due to  
flooding and erosion processes.*



1) *Capital Projects* – helping to fix an existing flood problem

2) *Flood Warning* – keeping watershed residents aware of flood issues

3) *Environmental Planning and Regulations*

With respect to development –  
*‘Keeping people away from the rivers and the rivers away from the people.’*,  
to prevent them from flooding





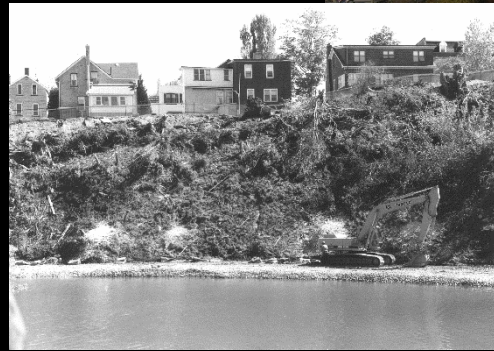


## 1) Capital Works (Water Management)

*Correcting an existing  
problem*

Protecting life and  
property.





**TODAY** - A total of **19** Flood & Erosion Control Structures across the watershed costing a total of **\$13,343,445** - to protect **1,119** buildings, homes and businesses and approximately **4,500** people.

Annual cost of maintenance - approx. **\$130,000 / year**

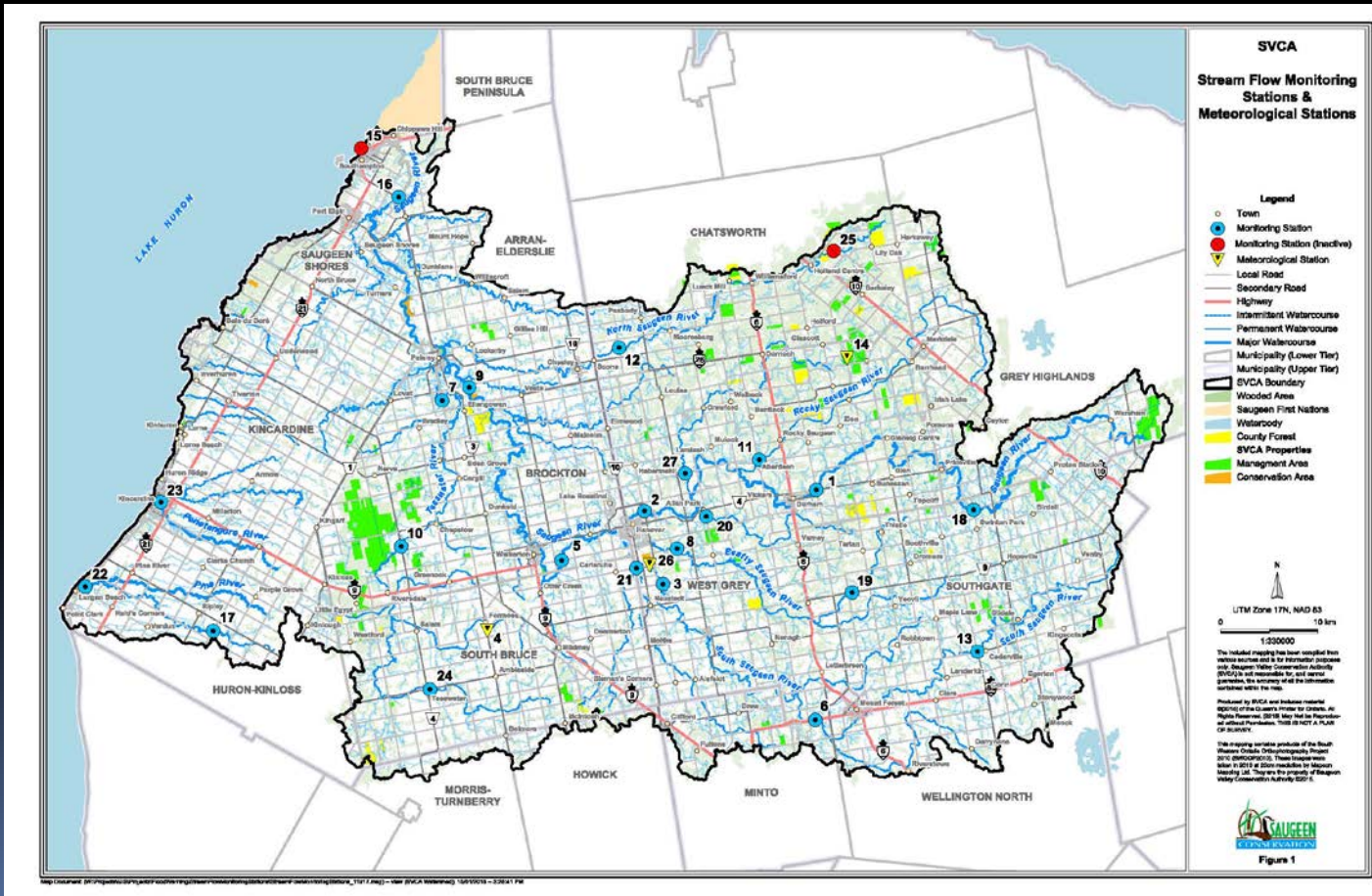




**Watershed Condition Statement**  
*Flood Outlook*

Click for Message

2) Flood Warning  
 A total of 27 automated gauges, measuring various parameters.







### 3) Environmental Planning *Is 'Wise' Planning*



Protecting Lives *and* Property

*..”Keeping the People Away from  
the Water and the Water Away  
from the People”*

# Grassroots Conservation Efforts





## Tree Planting / Management

### Planting for the Future!

- \* **80,000** trees planted in 2018
- 6,671 trees sold at the Arbour Day Tree Sale
- 19 MFTIP programs completed and/or updated







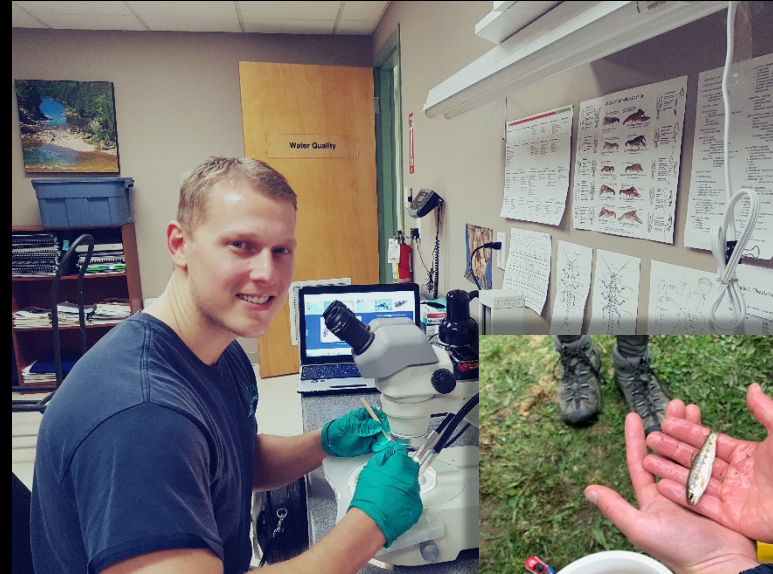
# Stewardship Services





# Water Quality

- Over 200 samples taken at 29 river / stream locations
- 23 groundwater samples
- Regular monitoring of aquatic organisms







# Agricultural Programs

- Coffee, Crops and Donuts – *approximately 300 participants*
- Soil and Water Passport Program
- Soil Health and Infiltration Projects
- Public Outreach







# Conservation Education

Saugeen Conservation has an extensive conservation education program

- Close to 90 different curriculum-based programs
- A total of 11,700 kids taught over 2018
- Forest and Water Festival, Youth Expo, Earth Week Program, Day Camps and more!





# Communications / Outreach and the Saugeen Foundation

Keeping the Lines of  
Communications Open

*Involved with:*

- Local shows, fairs and festivals
- Social media
- Tours and new developments
- Written materials / Publications
- Website
- Events and Functions







# Conservation Areas / Recreational Opportunities







# Conservation Areas / Recreational Opportunities

## Saugeen Bluffs Conservation Area





## *DID YOU KNOW?*

- That the Saugeen River falls a total of 1,161 feet (over 192 km) from the beginning to end? (Almost the height of the Empire State Building at 1,250 feet.)
- The Saugeen River has an output of (mean), 110 bathtubs full of water into Lake Huron / second?
- The South Saugeen River Watershed has a drainage area of 312 sq miles (20.2% of the entire Saugeen Watershed), and has an output of (mean), 18.5 bathtubs full of water / second.



Questions?

