

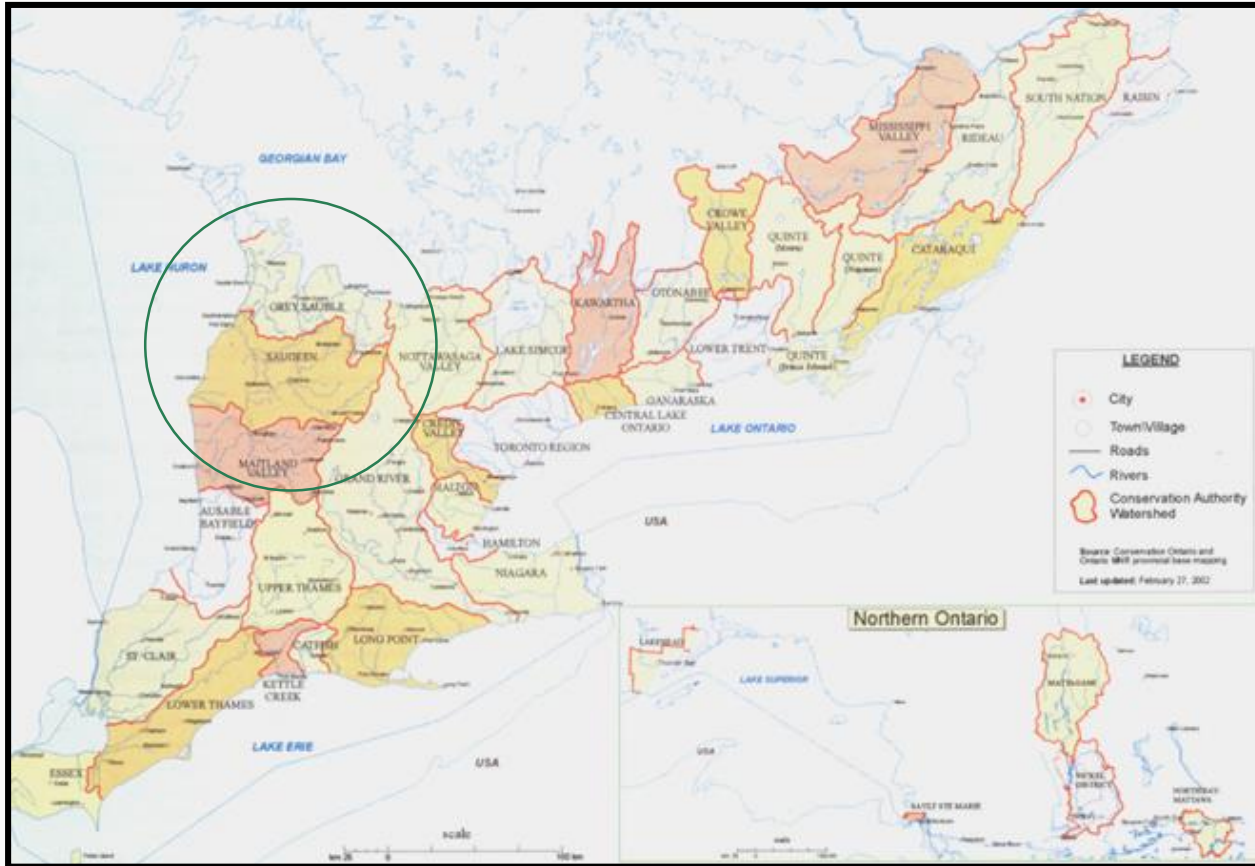
# Lake Huron Nearshore Workshop



SVCA Planning and Regulations  
Department

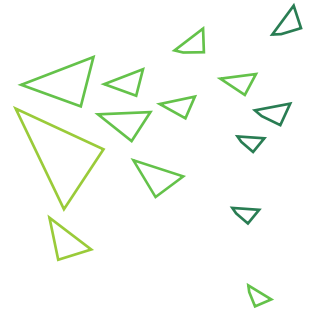
February 2020

# What is the Conservation Authority?



- *Conservation Authorities Act* enacted in 1946
- Watershed based
- 36 Authorities across Ontario
- Local agencies, local issues

Focus on Flood Warning, Planning & Regulations, Forestry, Lands, Stewardship, Water Quality, Drinking Water Source Protection, etc.



# What does the Conservation Authority do?

## O. Reg 169/06

SVCA's Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulation

### Protecting people and property...

- In Ontario, water and related land management are the responsibility of Conservation Authorities, in addition to MNRF, DFO and other agencies
- Conservation Authorities represent the Province, with regard to 'Natural Hazards'



# What does the Conservation Authority do?

...and the conservation of local ecosystems





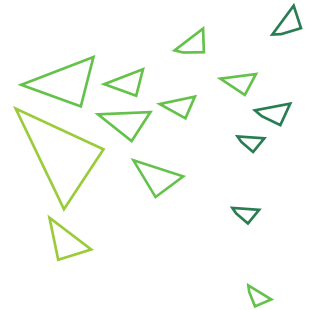
# Activities Regulated by the Conservation Authority

Section 28 (25) of the C.A. Act defines “Development” as:

- a) the construction, reconstruction, erection or placing of a building or structure of any kind,
- b) any change to a building or structure that would have the effect of altering the use or potential use of the building or structure, or increasing the size of the building or structure or increasing the number of dwelling units in the building or structure,
- c) site grading,
- d) the temporary or permanent placing, dumping or removal of any material, originating on the site or elsewhere.

## O.Reg 169/06

SVCA’s Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulation



# Areas Regulated by the Conservation Authority

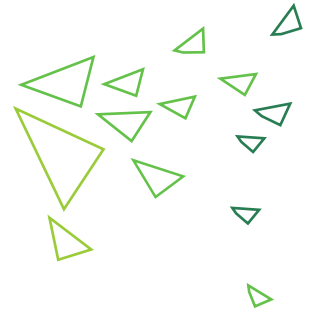
## O.Reg 169/06

SVCA's Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulation

- Hazardous Lands
- River or Stream Valleys
- Watercourses
- Wetlands
- 'Areas of Interference' next to wetlands
- Shoreline of Lake Huron







## Lake Huron Shoreline

The Regulated Area includes lands that are close or adjacent to the shoreline that could be affected by hazards, such as:

- \* flooding
- \* erosion
- \* dynamic beaches



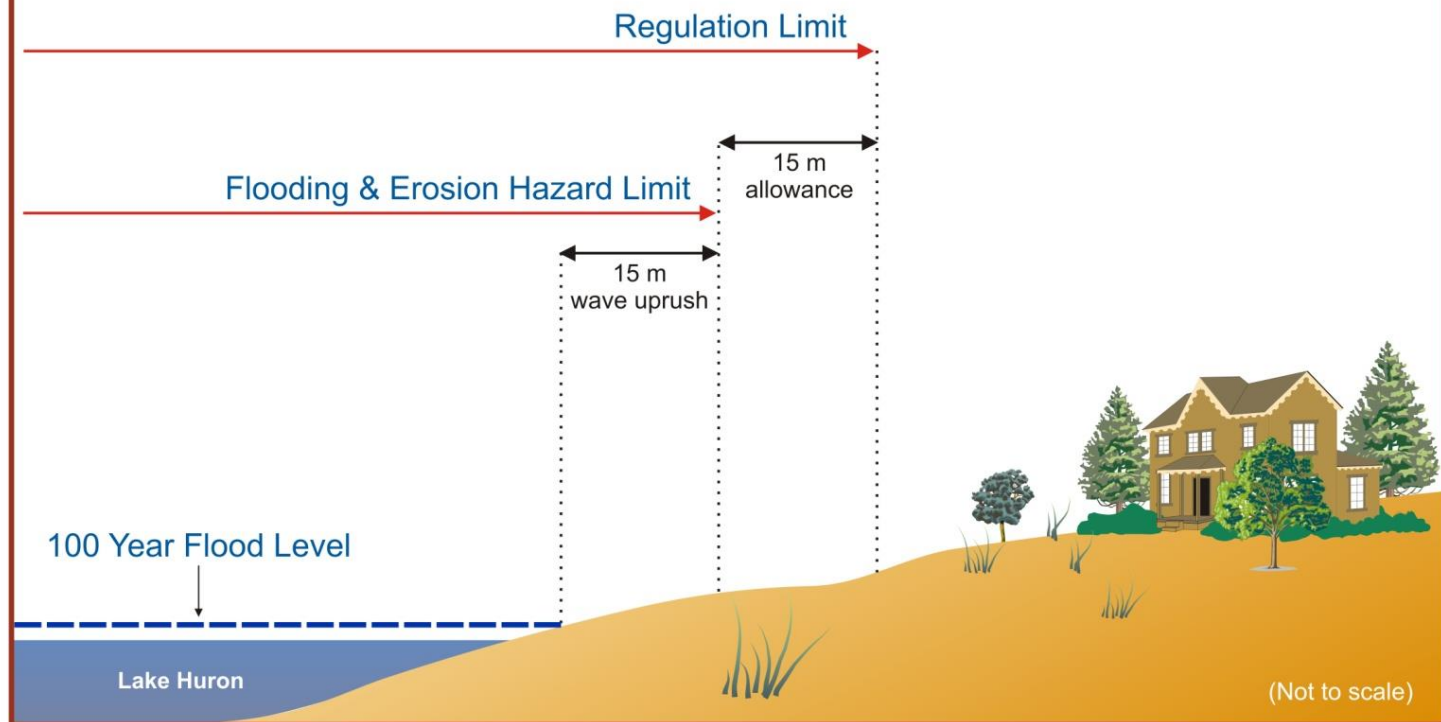
### O. Reg 169/06

SVCA's Development, Interference  
with Wetlands and Alteration to  
Shorelines and Watercourses  
Regulation

# Lake Huron Shoreline Flooding and Erosion Hazards and Regulated Area

## SHORELINE REGULATION LIMIT

### FLOODING & EROSION HAZARDS

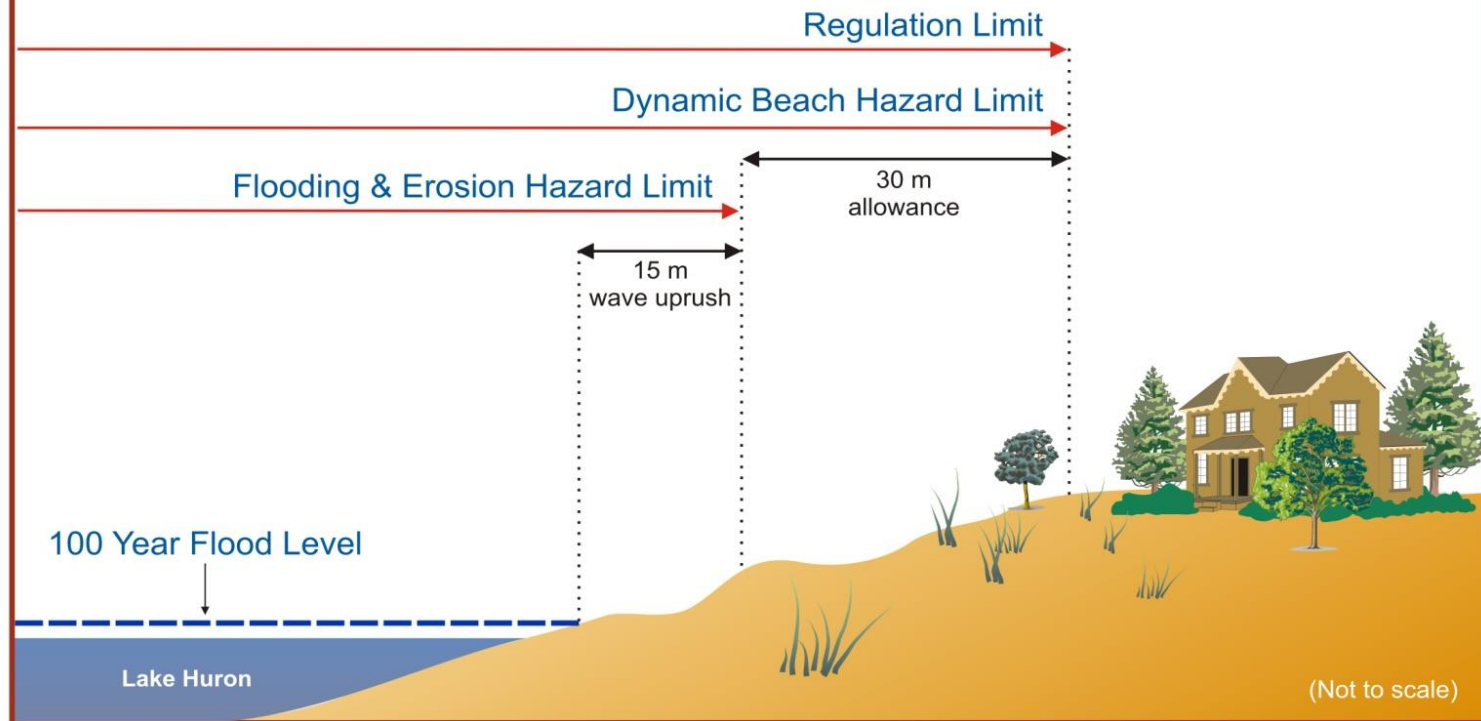




# Lake Huron Shoreline Dynamic Beach and Regulated Area

## SHORELINE REGULATION LIMIT

### DYNAMIC BEACH HAZARD



# Lake Huron Shoreline

- Lake Huron shoreline erosion is active during times of high lake levels and/or high wind situations.
- Lake erosion, if not allowed to naturally occur, could accelerate and impact surrounding properties. However, the majority of the SVCA's shoreline has historically been developed and concern for existing infrastructure now arises.
- Permits are required from the SVCA for shoreline and nearshore works...

...but what will be permitted?





## O. Reg 169/06

SVCA's Development, Interference  
with Wetlands and Alteration to  
Shorelines and Watercourses  
Regulation

# Lake Huron Shoreline

The SVCA's purpose in our role is to ensure the proposal does not negatively impact erosion, control of flooding, dynamic beaches, conservation of land or pollution with the proposed design:

1. Acutely for the subject property,
2. Acutely for neighbouring properties, and/or
3. Cumulatively along the shoreline.



# Erosion Protection

## Works in areas where protection exists

- It is likely that SVCA staff can approve replacement and repair of existing structures or erosion control measures, if the proposal is appropriately designed and installed/constructed

## Works in area where protection does not exist

- SVCA staff will require the support of a qualified coastal engineer to permit proposals for new erosion control measures

## Emergency Works

- SVCA permission should be acquired prior to works commencing
- A condition of approval for temporary works that must be undertaken immediately may be that these works are confirmed to be appropriate by a coastal engineer



# Do I need SVCA Review/Permission?

Is the subject area within  
SVCA's Approximate  
Screening Area?

Step 1

- At the shoreline it is likely that you will require SVCA permission to undertake development
- Use SVCA's online mapping tools, or contact the SVCA via directly telephone or email to inquire
- Contact other agencies, such as MNRF, DFO, municipalities, etc.



[www.svca.on.ca](http://www.svca.on.ca)

**Jamie Hagman**

Resources Information Technician

519-367-3040 ext. 238

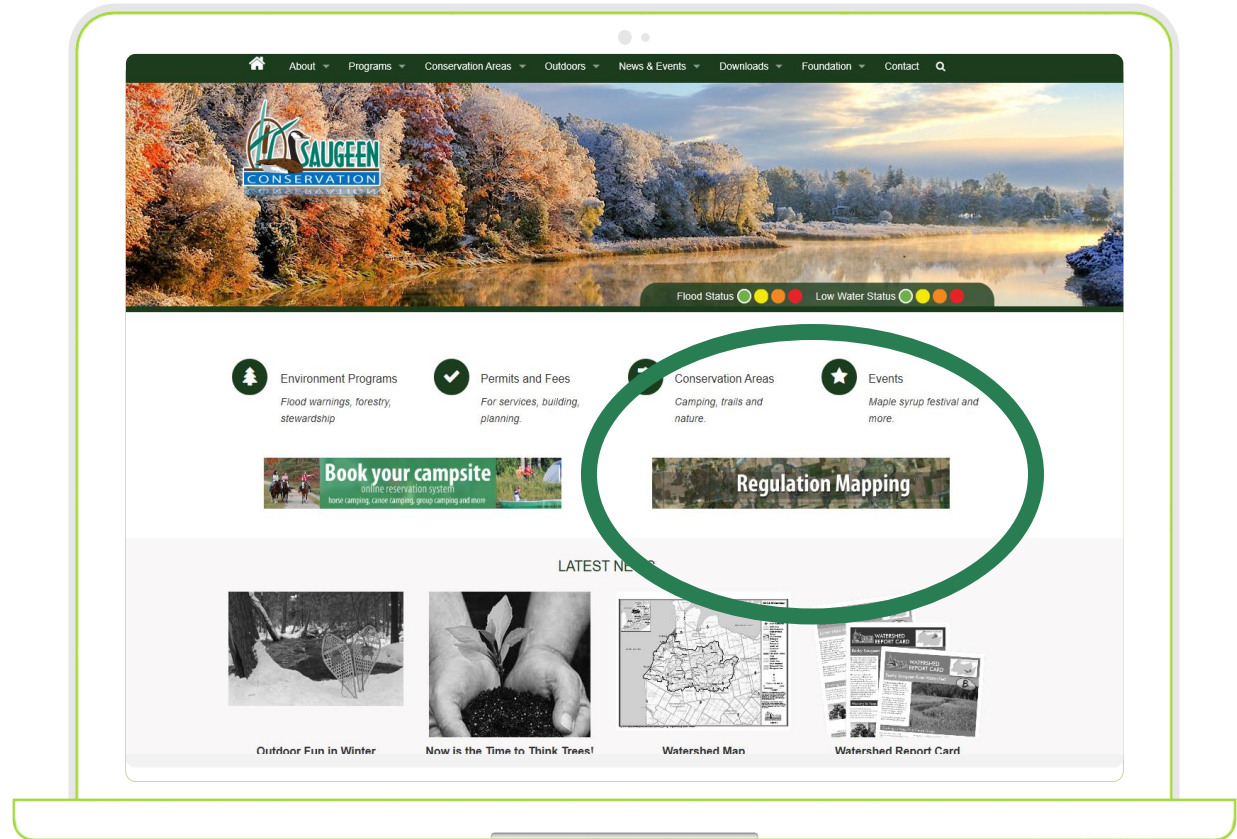


# SVCA Online Services

## Approximate Screening Area Mapping

For your property of interest online mapping can be found at the following:

- [www.svca.on.ca](http://www.svca.on.ca) — “Regulation Mapping” link
- <https://brucecounty.on.ca/maps> - “Bruce County GIS Mapping” (Conservation Authority layer)





# Do I need SVCA Review/Permission?

**Is the subject area within  
SVCA's Approximate  
Screening Area?**

Step 1

**Does what I'm proposing  
need a permit**

Step 2

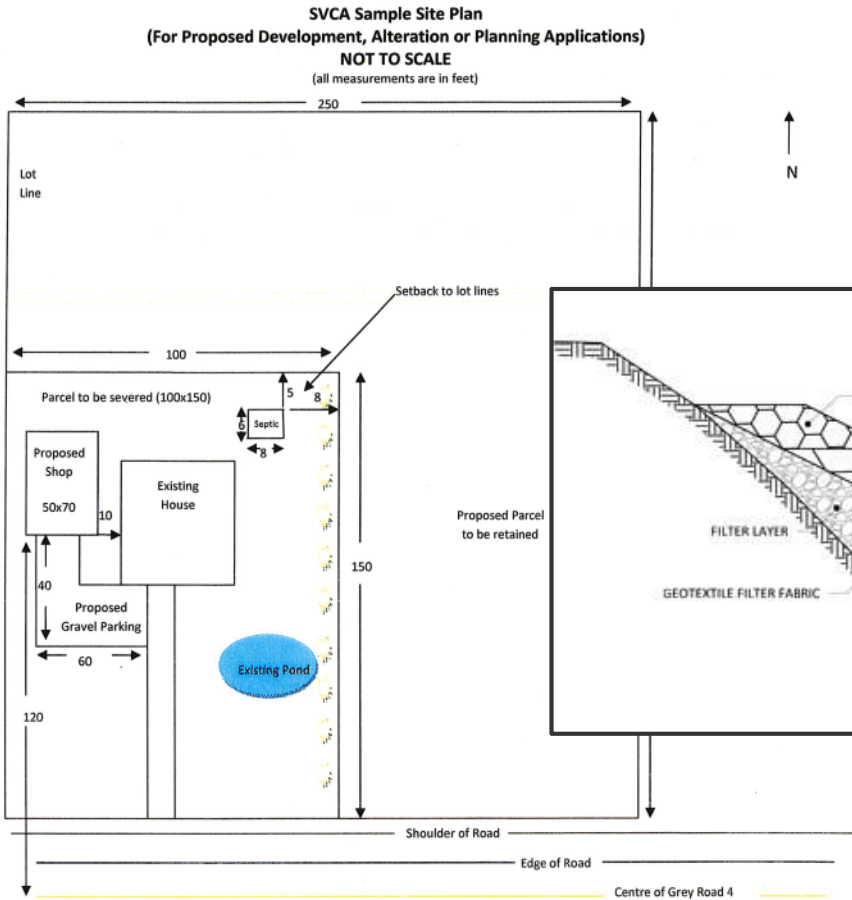
- At the shore... likely that y... require SVC... to undertak... developme...
- Use SVCA's... mapping to... contact the... directly tele... email to inc...
- Contact oth... such as MN... municipalit...

## Examples of Shoreline Projects of Interest

- Any new buildings or structures (houses, additions, decks, boathouses, etc.)
- Grading, filling or installation of structures to address erosion concerns
- New or improved watercourse outlets, municipal infrastructure (road, trail, underground, etc.)
- Repair or replacements of existing structures such as shorewalls

# Do I need SVCA Review/Permission?

Is



posing  
it

here

Do I have a site plan or  
proposal ready to submit?

Step 3

- SVCA staff require a site

plan in  
which  
is referred

g

















# Thank you

Questions?