

Lake Huron Nearshore Workshop

Living on Lake Huron

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Ontario





36 Conservation Authorities in Ontario

Conservation
ONTARIO

12 million people live in a watershed managed by a Conservation Authority



- Watershed-based agencies
- Mandate to ensure the conservation of Ontario's water, land and natural habitats
- Governed by Authority Members selected by Member Municipalities



Saugeen Valley Conservation Authority Delivers Local Watershed Programs

- Flood control and Flood Warning
- Land stewardship, water quality monitoring and improvement
- Forestry Services, Arbour Day Tree Sale
- Watershed planning and regulations
- Environmental monitoring
- Education and public involvement
- Drinking water source protection
- Natural heritage protection and Conservation areas







Looking north along Shoreline Road
between Port Elgin and Southampton 1986

Healthy Lake Huron – Clean Water Clean Beaches

Southeast Shores of Lake Huron

Five Priority Watersheds - 2012

www.healthylakehuron.ca

- Pine River
- North Shore (Garvey Creek and Glenn Drain)
- Bayfield North (Gullies)
- Main Bayfield
- Lambton Shores



southeast_shore_5_watersheds_v3

Lake Huron Nearshore Workshop

Your Lakeshore Lives!

- Lake Banks:
 - Restrict beach access
 - Monitor pressure points
 - Maintain vegetation - pruning views instead of cutting down trees
 - Living Shorelines
- Dynamic Beaches:
 - Restrict beach access
 - Monitor dune stability
 - Maintain vegetation - reduce erosion
 - Restrict beach grooming
- Water Management:
 - monitor tiles that take foundation water to the base of the bluff (to ensure that tiles have not pulled apart as the bank shifts)
 - Control top of bank erosion – consider berm with french drains and ensure eaves troughs aren't causing erosion etc.
 - have septic systems maintained



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Shore Protection Limitations

- **Hard Structures:**

- All structures, whether designed by an engineer or not have a limited lifespan

- **Natural and Living Shorelines:**

- Best practices can slow erosion and encourage beach formation

- **Your Responsibility:**

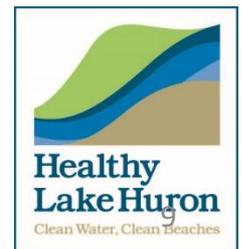
The provincial direction is clear, no new construction is permitted in the hazardous part of Lake Huron

Interpretation of policy recognizes an already built landscape



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Self Assessment Guides:

People could make assessments individually or hold a workshop as a cottage association.

- http://theguide.huronstewardship.ca/wp-content/uploads/sites/10/2014/01/coastal_manual.pdf
- <https://www.lakehuron.ca/stewardship-plans-and-guides>
- Saugeen Shores Best Management Practices for shoreline: <https://www.saugeenshores.ca/en/explore-and-play/resources/Documents/Waterfront-Best-Management-Principles.pdf>
- Huron - Kinloss Best Management Practices Guide: [https://www.huronkinloss.com/public_docs/documents/Huron-Kinloss%20Guide%20to%20Shoreline%20Best%20Management%20Practices%20\(2018\).pdf](https://www.huronkinloss.com/public_docs/documents/Huron-Kinloss%20Guide%20to%20Shoreline%20Best%20Management%20Practices%20(2018).pdf)

Protect you and your property:

- For maps of regulated areas visit these web pages:
- <http://eprweb.svca.on.ca/RegMapIndex.html>
- <https://www.greysauble.on.ca/mapping-gis/grey-sauble-conservation-authority-regulations-mapping/>
- <https://www.abca.ca/planning/mappingportal>
- <http://www.mvca.on.ca/about-us/documentspublications/>
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*Like as waves make
towards the pebbled
shore, so do our
minutes, hasten to
their end.*

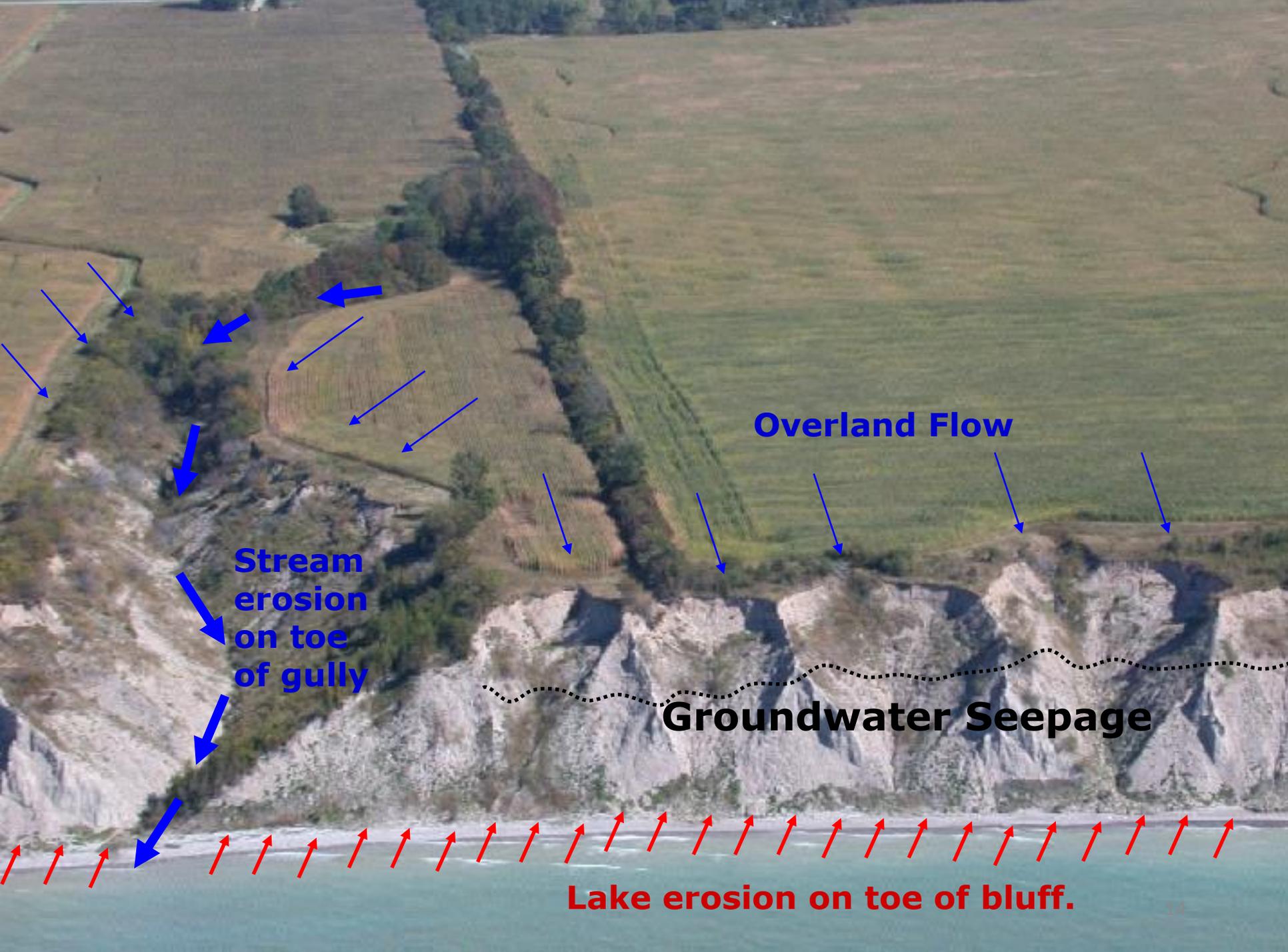
-William Shakespeare

Remembering, Geoff Peach, Former SVCA staff, and co-founder of the Lake Huron Centre for Coastal Conservation. He believed the water level would rise again!!



Shoreline Erosion - May 2019





Overland Flow

Stream erosion on toe of gully

Groundwater Seepage

Lake erosion on toe of bluff.

Grand Bend/Oakwood, 1993

1972; 1986 dune erosion limit



Regulatory Flood Standard



Regulatory Dynamic Beach Standard



9/2/95



Grand Bend/Beach O'Pines, 2019



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