Lake Ontario Shoreline Management Plan Hazard Maps

Ganaraska Region Conservation Authority (GRCA)

LEGEND:

Hazard Mapping:

- 100 Year Flood Level
- Flood Hazard Limit
- Erosion Hazard Limit
- Dynamic Beach Setback

Base Mapping:

- Geographical Names
- Dynamic Beach (Start Pt)
- Dynamic Beach (End Pt)
- Road Network
- GRCA Administrative Boundary

INTERPRETATION OF THE HAZARD MAPS:

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The Flood Hazard Limit is defined as the 100-Year Flood Level plus an allowance for wave runup and uprush. For the exposed shoreline, wave effects are calculated based on localized nearshore conditions and waves. For embayments, the standardized 15 m setback is applied. Refer to the Lake Ontario Shoreline Management Plan for additional details.

Toe of Bluff
The Toe of Bluff is the transition from the gently sloping beach to the steep portion of the bank or bluff slope.

Stable Slope Allowance
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Erosion Hazard Limit
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Inset Map: © OpenStreetMap contributors

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0 50 100 200 m

N W E S

PREPARED BY:

Zuzek inc. ONE WORLD

PROFESSIONAL GEOSCIENTIST PETER J. ZUZEK PRACTISING MEMBER 1121 ONTARIO
P.J. Zuzek, P.Geo March 31, 2020

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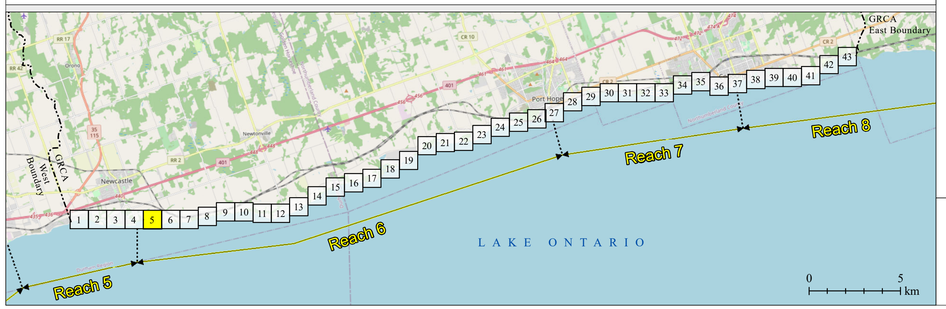

Mapping prepared by Zuzek Inc. for the Ganaraska Region Conservation Authority.

MAP PUBLISHED MARCH 2020

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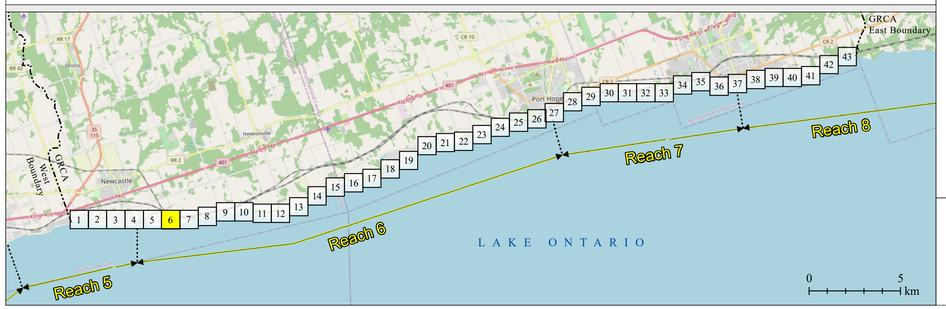

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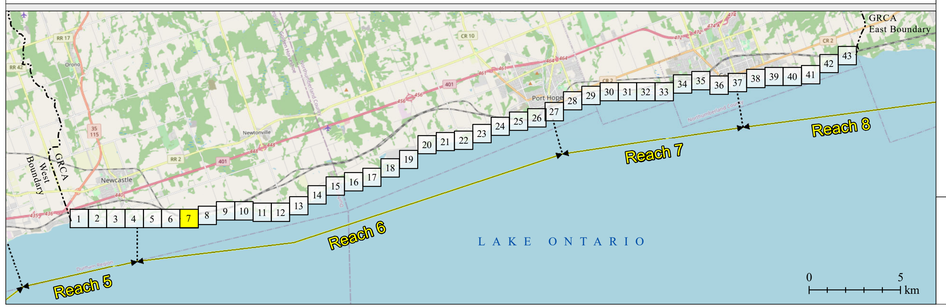

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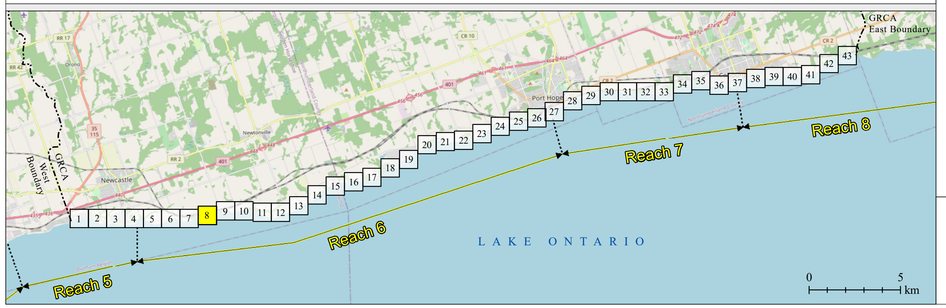

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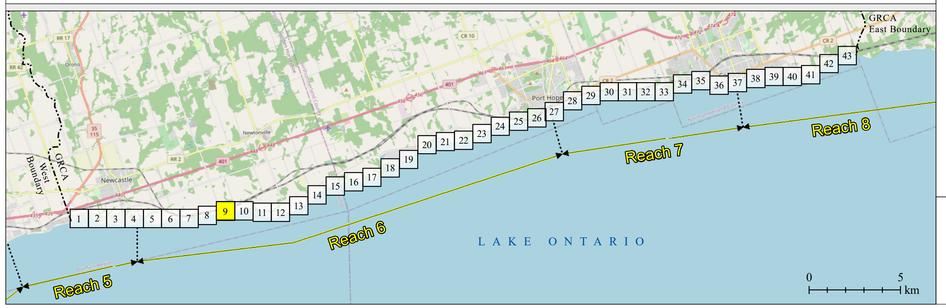

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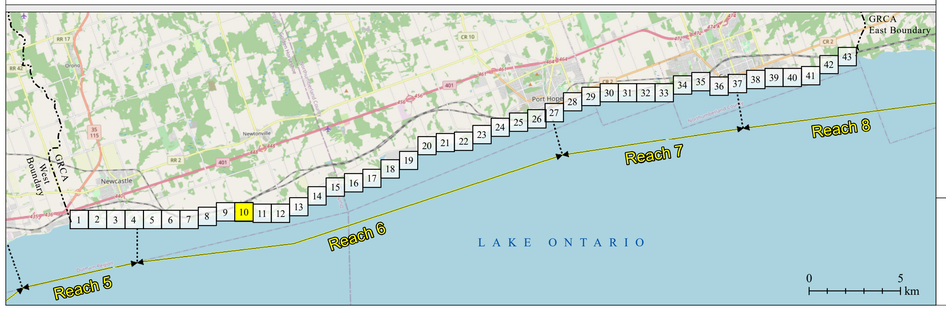

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