Minutes of the Full Authority Board Meeting

Date: Wednesday, June 26, 2024

Location: Hybrid Meeting
In-Person Cataraqui Conservation Administration Office Boardroom
2069 Battersea Road, Glenburnie and
virtually through Microsoft Teams

Participants:

In-Person
Gary Oosterhof, City of Kingston, Chair
Don Amos, City of Kingston
Jeff Earle, City of Brockville
Ron Sleeth, Township of South Frontenac
Wendy Stephen, City of Kingston

On-line via Teams
Joan Delaney, Township of Rideau Lakes
Jake Ennis, Loyalist Township
Brock Gorrell, Township of Leeds and the Thousand Islands
Angela Hicks, Town of Greater Napanee
Katherine Hobbs, City of Brockville
Lisa Osanic, City of Kingston
Paul Proderick, Loyalist Township, Vice Chair

Regrets: Margaret Fancy, Township of Front of Yonge
Matt Harper, Town of Gananoque
Matt Smith, Township of Athens
Scott Trueman, Township of South Frontenac

Vacancy: Township of Elizabethtown-Kitley

Delegation: Pete Zuzek, President, Zuzek Inc.

Staff Participants:

In-Person
David Ellingwood, General Manager
Devan Anderson, Administration Clerk
Tom Beaubiah, Manager, Conservation Lands
Donna Campbell, Assistant, Chair & General Manager
Michael Dakin, Supervisor, Development Review
Dianne Doyle, Coordinator, Little Cataraqui Creek
Shawn Fairbank, Technologist, Water Resources
Kelsey Leblanc, Coordinator, Source Protection
Andrew Schmidt, Manager, Watershed Planning & Engineering

On-line via Teams
None

Guests: On-line via Teams
Laura Edgar, Vice President, Institute on Governance
Geoff Monroe, Institute on Governance
Tim Upton, General Public

The meeting commenced at 7:00 p.m.

1. Roll Call

There were twelve (12) members present. There is one vacancy in the Township of Elizabethtown-Kitley.

2. Adoption of Agenda

Resolution: **063-24**
Moved By: Angela Hicks
Seconded By: Don Amos

That the agenda **Be Adopted**, as circulated**.**

Carried

3. Declaration of Conflict of Interest

There was none.

4. Delegation / Presentation

There was none.

5. Approval of Previous Minutes

5.1. Minutes of the Cataraqui Conservation Full Authority Board Hearing of May 29, 2024

Resolution:	**064-24**
Moved By:	Jake Ennis
Seconded By:	Brock Gorrell

That the minutes of the Cataraqui Conservation Full Authority Board Hearing of May 29, 2024, **Be Approved**.

Carried

5.2. Minutes of the Cataraqui Conservation Full Authority Board Meeting of May 29, 2024

Resolution:	**065-24**
Moved By:	Lisa Osanic
Seconded By:	Paul Proderick

That the minutes of the Cataraqui Conservation Full Authority Board Meeting of May 29, 2024, **Be Approved**.

Carried

6. Business Arising

There was none.

7. Items for Consideration

7.1. Report from Strategic Planning Ad Hoc Committee of May 15, 2024 (report IR-062-24)

- Verbal Update – Strategic Planning Ad Hoc Committee Chair, Gary Oosterhof

The Chair noted that Laura Edgar and Geoff Monroe, Institute on Governance, were available to answer any questions.

Resolution:	**066-24**
Moved By:	Ron Sleeth
Seconded By:	Katherine Hobbs

That report IR-062-24, Report from Strategic Planning Ad Hoc Committee Meeting of May 15, 2024, **Be Approved**.

Carried

Joan Delaney joined the meeting at this point.

7.2. St. Lawrence River / Lower Great Cataraqui River Floodplain Mapping Update (report IR-063-24)

- Presentation - Pete Zuzek, President, Zuzek Inc. (Attachment #1)

Resolution:	**067-24**
Moved By:	Jeff Earle
Seconded By:	Lisa Osanic

That Report IR-063-24 St. Lawrence River / Lower Great Cataraqui River Floodplain Mapping Update, **Be Received**; and,

That the Cataraqui Conservation Flood Hazard Mapping report prepared by Zuzek Inc. dated February 29,2024 **Be Received**.

Carried

7.3. General Manager's Monthly Progress Report – June 2024 (report IR-064-24)

- Verbal Update – David Ellingwood, General Manager

Resolution: **068-24**
Moved By: Paul Proderick
Seconded By: Wendy Stephen

That Report IR-064-24, General Manager's Monthly Progress Report – June 2024, **Be Received**.

Carried

7.4. Preliminary Draft Conservation Area Strategy (June 2024) (report IR-065-24)

- Presentation – Tom Beaubiah, Manager, Conservation Lands (Attachment #2)

Resolution: **069-24**
Moved By: Ron Sleeth
Seconded By: Jake Ennis

That report IR-065-24 Preliminary Draft Conservation Area Strategy (June 2024), **Be Received**, and,

That the preliminary draft Conservation Area Strategy, Attachment #1 to report IR-065-24, Preliminary Draft Conservation Area Strategy (June 2024), **Be Approved**, for public consultation.

Carried

Paul Proderick left the meeting at this point.

7.5. Preliminary Draft Watershed-based Resource Management Strategy (June 2024) (report IR-066-24)

- Presentation – Andrew Schmidt, Manager, Watershed Planning & Engineering (Attachment #3)

Resolution: **070-24**
Moved By: Don Amos
Seconded By: Brock Gorrell

That report IR-066-24, Preliminary Draft Watershed-based Resource Management Strategy (June 2024), **Be Received**, and,

That the preliminary draft Watershed-based Resource Management Strategy, Attachment #1 to report IR-066-24, Preliminary Draft Watershed-based Resource Management Strategy (June 2024), **Be Approved**, for public consultation.

Carried

The Chair called for a ten-minute break at this time.

7.6. Proposed 2025/26 Water and Erosion Control Infrastructure (WECI) Projects (report IR-067-24)

Resolution: **071-24**
Moved By: Angela Hicks
Seconded By: Katherine Hobbs

That Report IR-067-24, Proposed 2025/26 Water and Erosion Control Infrastructure (WECI) Projects, **Be Received**; and,

That staff, **Be Authorized**, to apply to the Water and Erosion Control Infrastructure (WECI) program for financial support to complete the projects outlined in report IR-067-24, Proposed 2025/26 Water and Erosion Control Infrastructure (WECI) Projects.

Carried

7.7. Operating Variance to May 31, 2024, and Estimates to Year End Report (report IR-068-24)

Resolution:	**072-24**
Moved By:	Lisa Osanic
Seconded By:	Wendy Stephen

That Report IR-068-24, Operating Variance to May 31, 2024, and Estimates to Year End Report, **Be Received**.

Carried

7.8. 2024 Winter Recreation and Maple Madness Programs (report IR-069-24)

Resolution:	**073-24**
Moved By:	Jeff Earle
Seconded By:	Jake Ennis

That Report IR-069-24, 2024 Winter Recreation and Maple Madness Programs, **Be Received**.

Carried

7.9. 2024 Planning and Permitting Policy Initiatives (report IR-070-24)

- Presentation – Michael Dakin, Supervisor, Development Review (Attachment #4)

Resolution:	**074-24**
Moved By:	Ron Sleeth
Seconded By:	Jeff Earle

That Report IR-070-24, 2024 Planning and Permitting Policy Initiatives, **Be Received;** and,

That the draft work plan for the policy initiatives as presented in Attachment #2 to this report, **Be Approved**.

Carried

7.10. 2023 Annual Report (report IR-071-24)

Resolution:	**075-24**
Moved By:	Jake Ennis
Seconded By:	Brock Gorrell

That Report IR-071-24 – 2023 Annual Report, **Be Received**; and,

That staff, **Be Directed**, to circulate copies of the Annual Report to member municipalities, local MPs and MPPs, Conservation Authorities and post on our website for public viewing.

Carried

8. Minutes (Friends and Foundation)

There were none.

9. Committee Reports

9.1. Report from Budget Review Committee of June 13, 2024 (report IR-072-24)

Resolution:	**076-24**
Moved By:	Don Amos
Seconded By:	Ron Sleeth

That report IR-072-24, Report from Budget Review Committee Meeting of June 13, 2024, **Be Approved**.

Carried

10. Announcements or Inquiries / Information

There were none.

11. Motions / Notice of Motion

There were none.

12. In Camera Session

An In-Camera Session was not required. Members concurred to approve the May 29, 2024, In Camera Minutes in open session.

Resolution: **077-24**
Moved By: Wendy Stephen
Seconded By: Katherine Hobbs

That Report IR-073-24, Minutes of In Camera Hearing Meeting of May 29, 2024, **Be Approved**.

Carried

Resolution: **078-24**
Moved By: Angela Hicks
Seconded By: Lisa Osanic

That Report IR-074-24, Minutes of In Camera Meeting of May 29, 2024, **Be Approved**.

Carried

13. Adjournment

The meeting adjourned at 8:58 p.m. on motion by Wendy Stephen, seconded by Jake Ennis.

Cataraqui Region Conservation Authority

David Ellingwood, General Manager

Gary Oosterhof, Chair

Cataraqui Conservation Flood Hazard Identification and Mapping Program

Pete Zuzek, MES, CFM, P.Geo.
Seth Logan, M.A.Sc., P.Eng.

June 26th, 2024

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DHI

Presentation Outline

I. Shoreline Hazards & Provincial Policy

II. Study Area Photographs

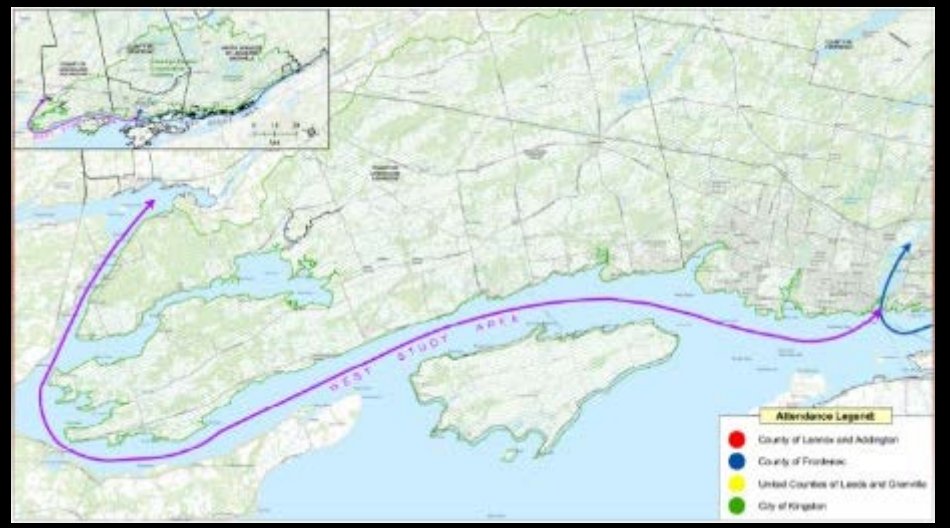
III. Our Climate is Changing

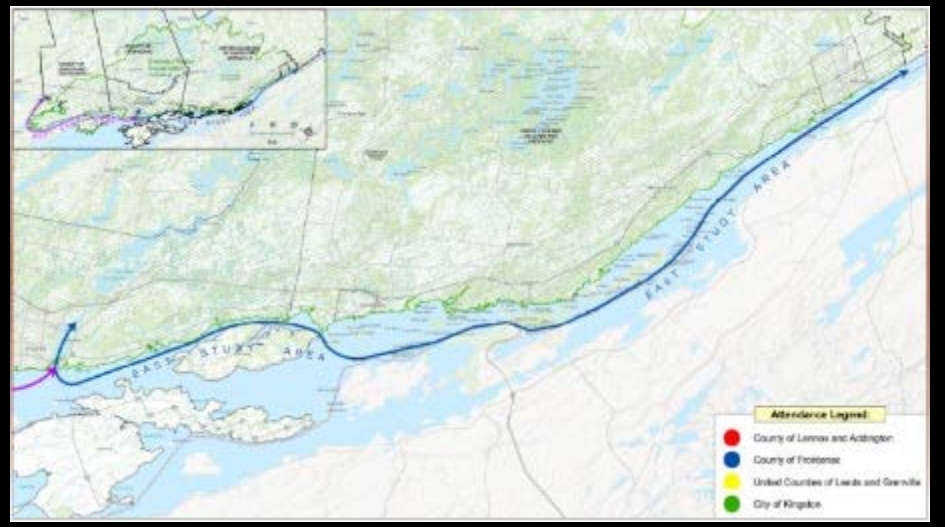
IV. Analysis of Water Levels and Waves

V. Mapping the Flood Hazard

VI. PARRARH Framework

VII. Questions



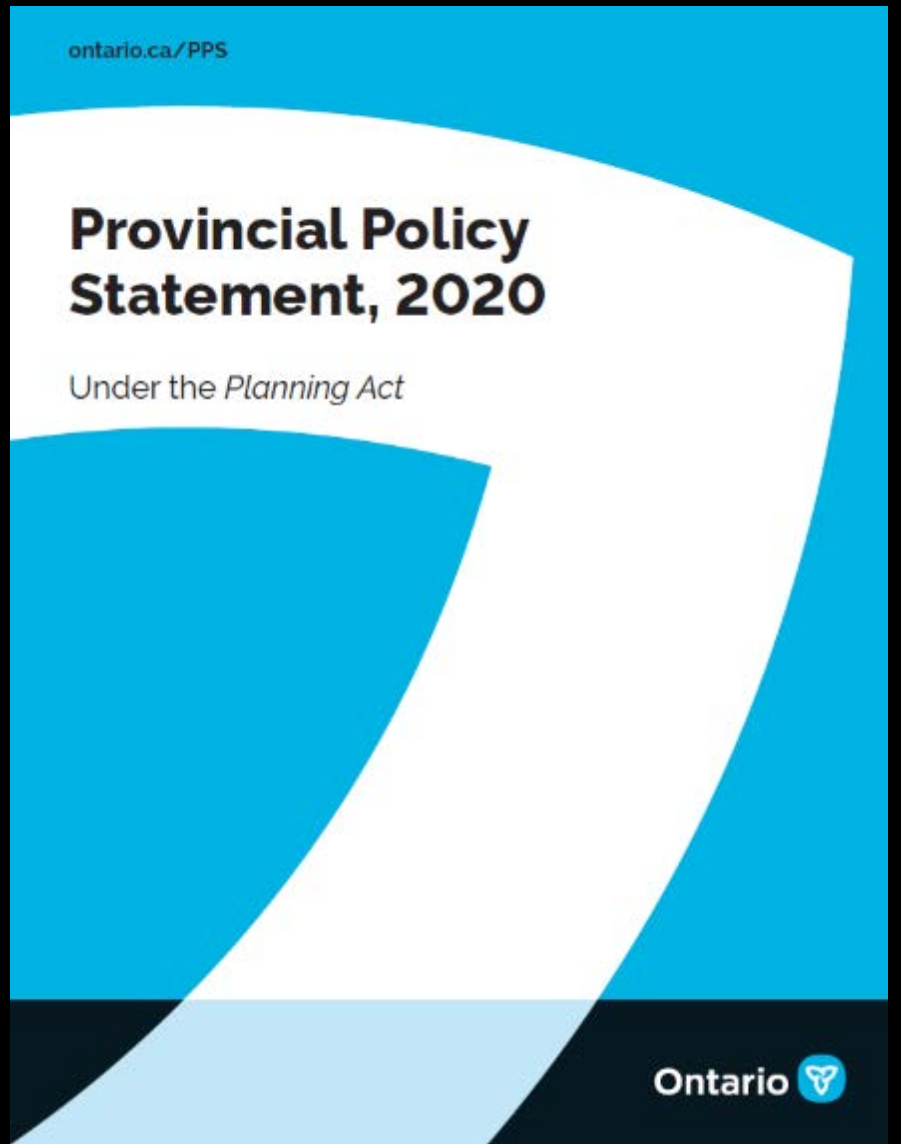


Shoreline Hazard Definitions

- Three regulated shoreline hazards for Great Lakes shorelines in Ontario:
  1. Flooding hazard
  2. Erosion hazard
  3. Dynamic beach hazard

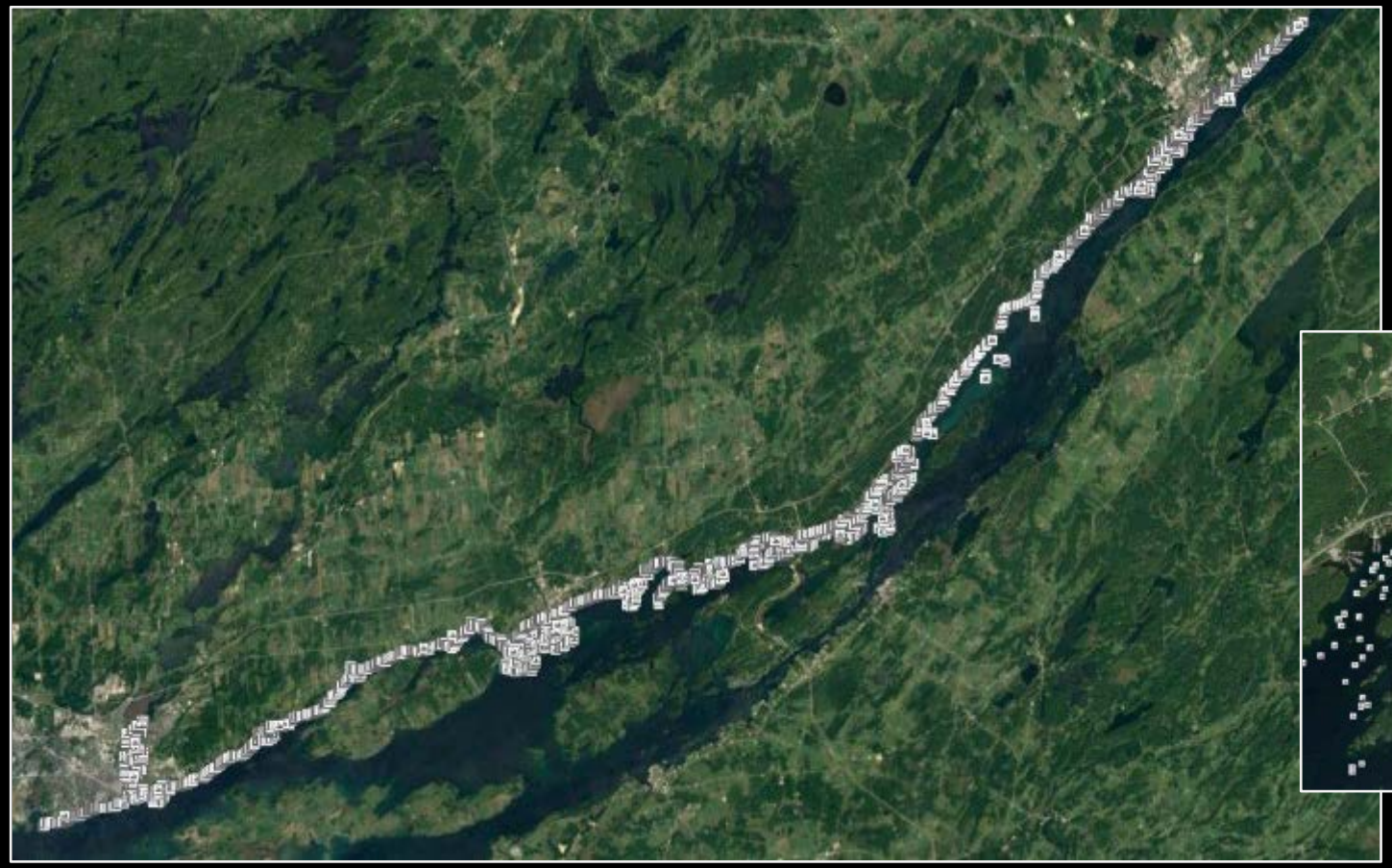
- Details provided in the 2020 Provincial Policy Statement (Section 3.1.3 of the PPS)

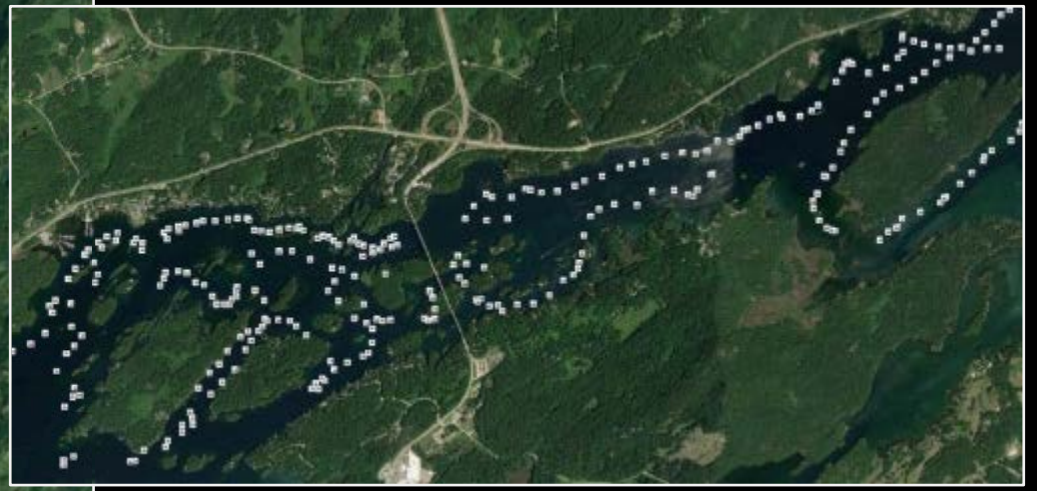
- “Planning authorities shall prepare for the impacts of a changing climate that may increase the risk associated with natural hazards”



Oblique Drone Photography

- Field work completed in the summer of 2023
- 2,067 geotagged aerial oblique photographs collected





Point Frederick

Grass Creek Beach

Gananoque Waterfront

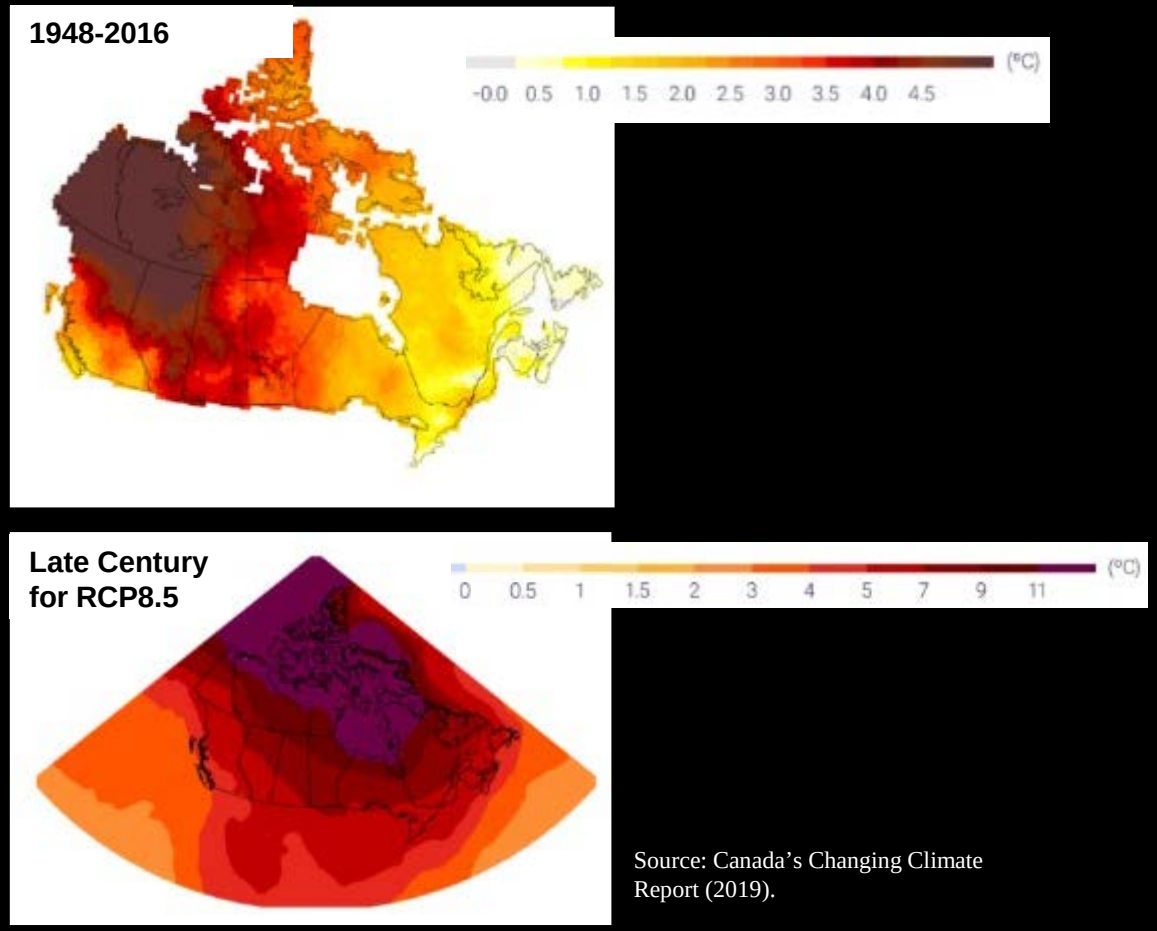
Howe Island Ferry Dock (west)

Developed Islands

Glen House

Air and Lake Temperatures are Warming

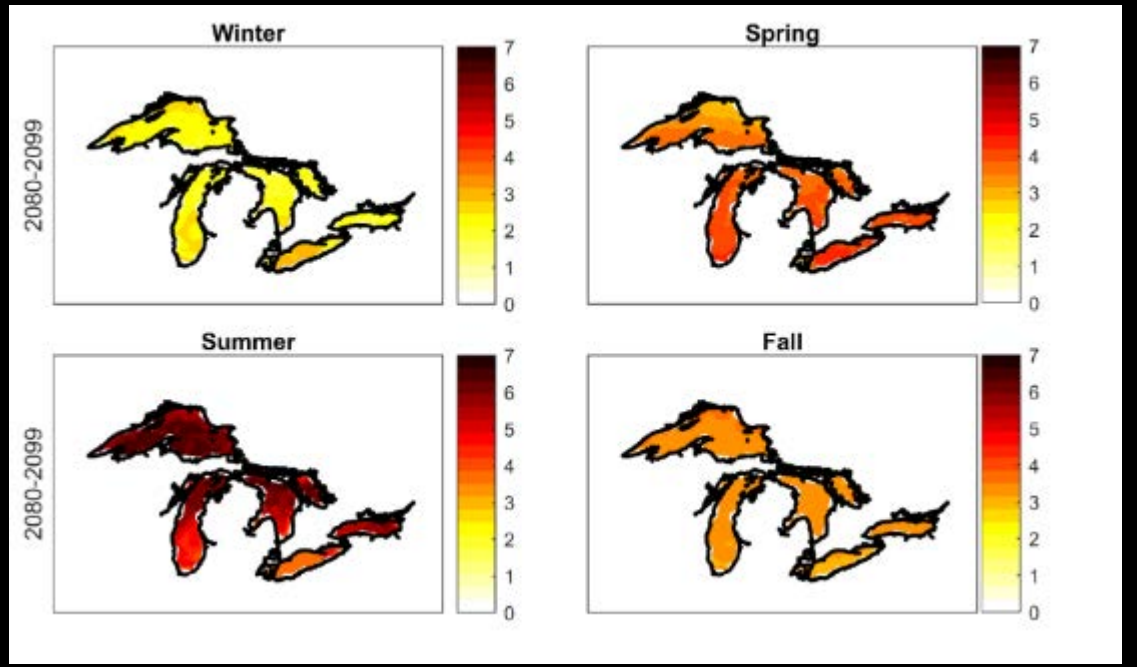
- Changes in Winter Temperature from 1948 to 2016 (top) and Late Century Projection



Source: Canada's Changing Climate Report (2019).

- Projected Late Century Lake Temperature Increases

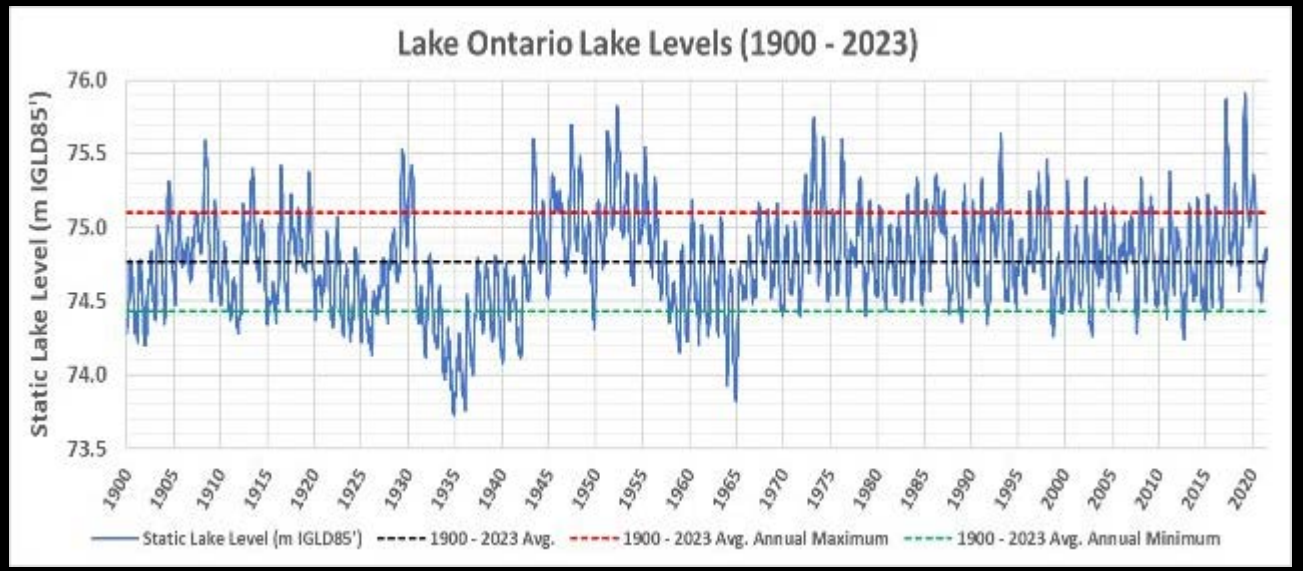
Source: Projections of Key Climate Variables for use in Wetland Vulnerability Assessments (Dehghan, 2019).

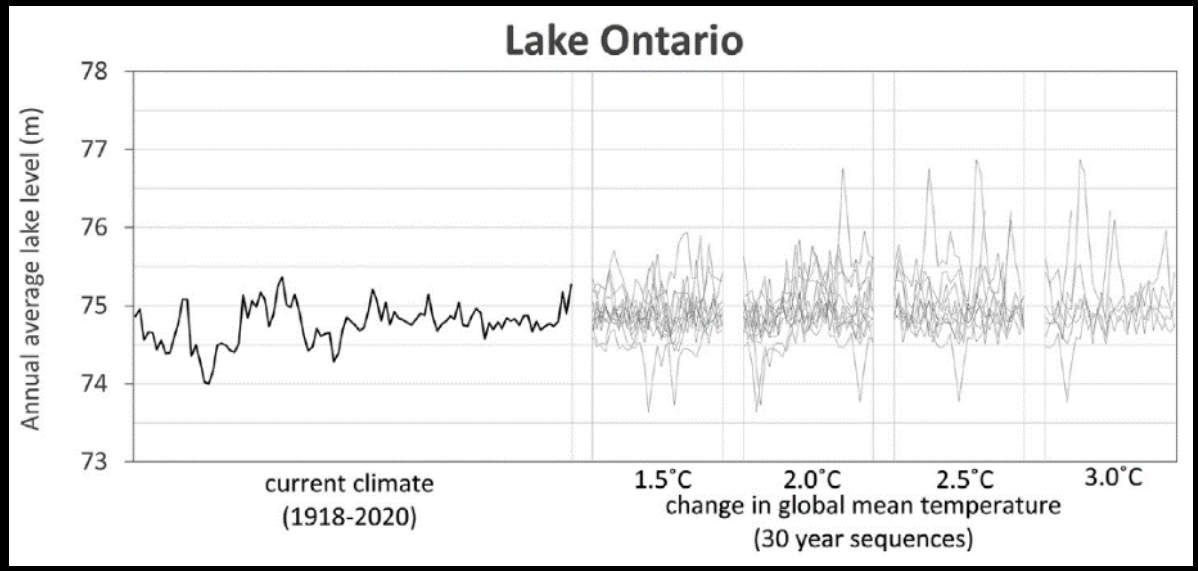


Climate Change Projected to Lead to Periods of Higher Lake Levels

- Historically, lake levels rise and fall on Lake Ontario with wet and dry periods
- Record high in 2019

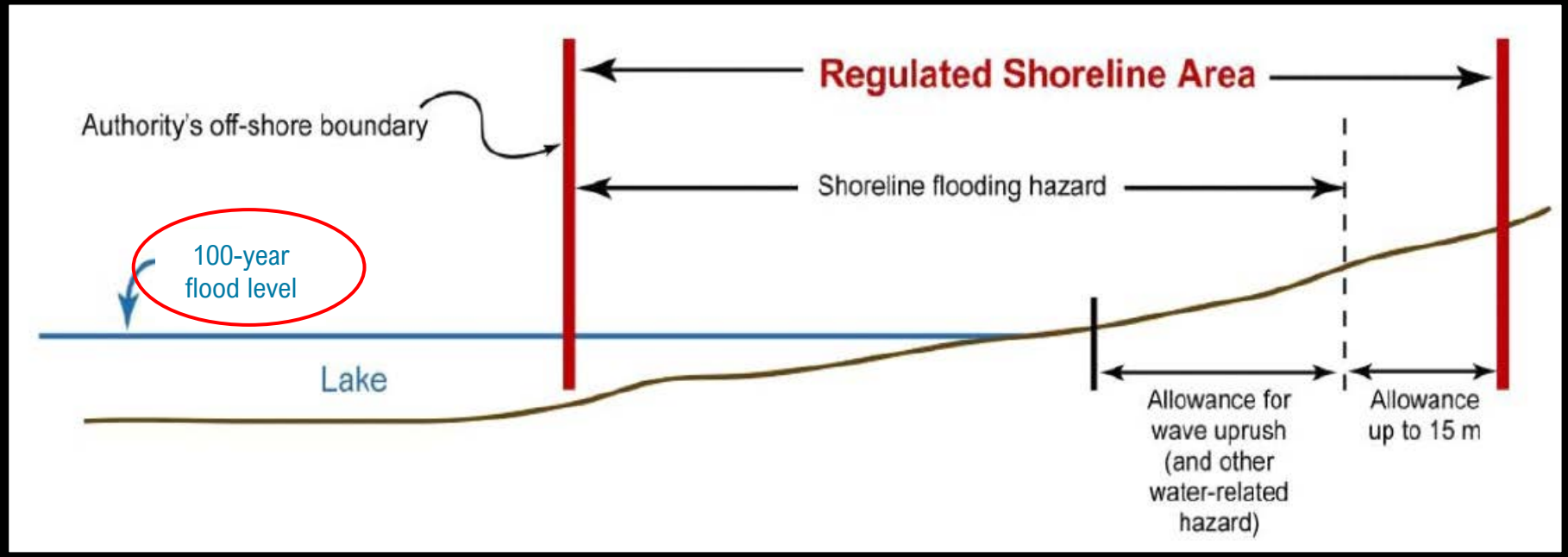
- Variability in lake levels will continue in the future but a warmer atmosphere during future wet periods is projected to result in higher highs





Water Levels

- Considered the following scenarios:
  1. Historical 100-year flood level (for hazard mapping)
  2. Climate Change 100-year flood level:
     a) RCP4.5, mid-century (2025 – 2075, for hazard mapping)
     b) RCP8.5, mid-century (2025 – 2075)
     c) RCP4.5, late-century (2050 – 2100)



Historical 100-year Flood Level at Kingston

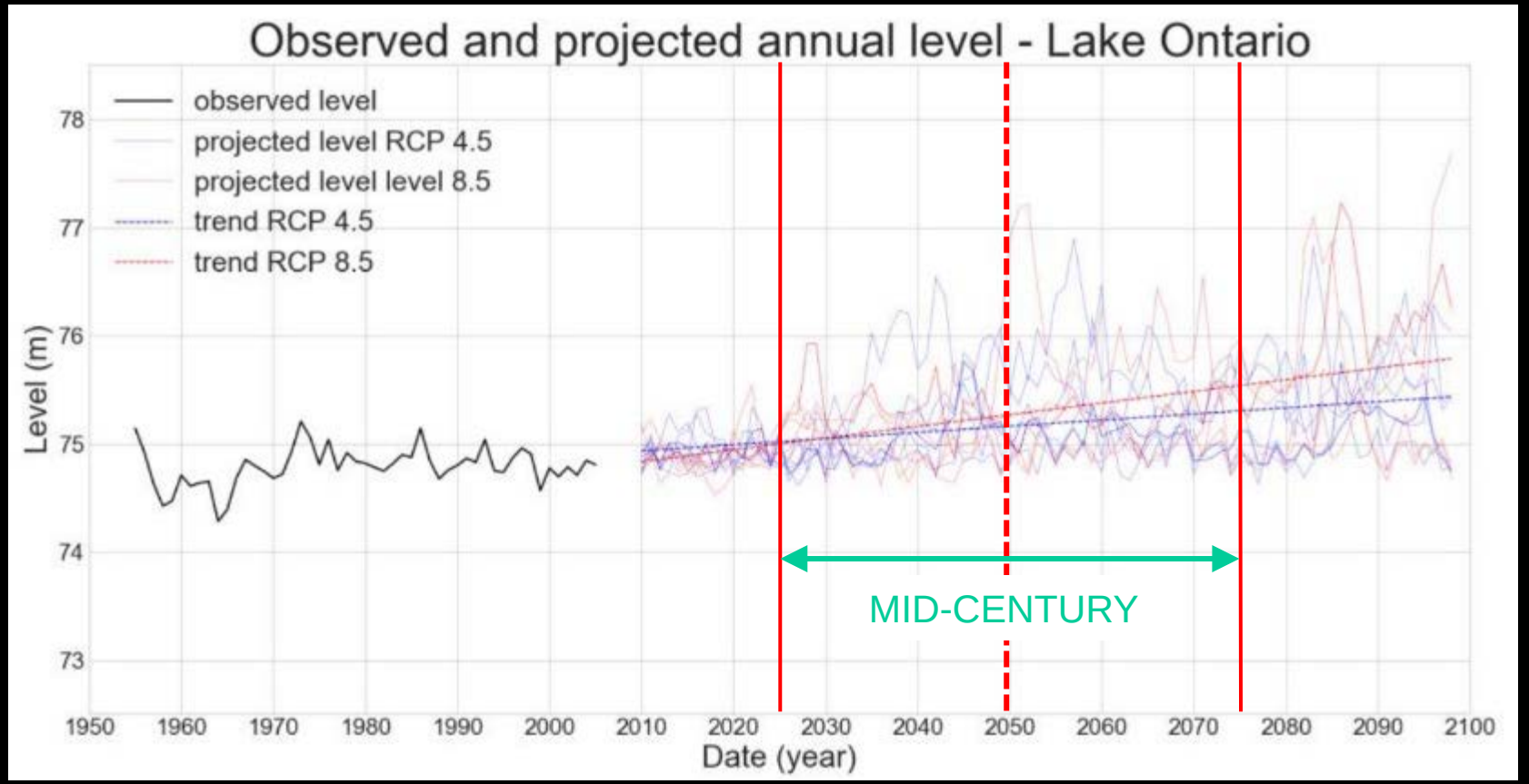
Statistical Analysis:

	Monthly Combined Flood Level - Kingston (m IGLD85')												
Tr	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	MAX
1.5	74.56	74.51	74.54	74.76	74.87	74.87	74.86	74.82	74.73	74.66	74.57	74.57	74.87
2	74.96	74.95	75.00	75.16	75.24	75.21	75.17	75.13	75.06	74.98	74.92	74.94	75.24
5	75.21	75.22	75.26	75.43	75.52	75.48	75.42	75.35	75.24	75.15	75.11	75.14	75.52
10	75.34	75.36	75.38	75.57	75.68	75.63	75.56	75.47	75.33	75.24	75.21	75.25	75.68
20	75.46	75.47	75.48	75.69	75.81	75.77	75.67	75.56	75.40	75.31	75.28	75.33	75.81
25	75.49	75.50	75.51	75.72	75.84	75.81	75.71	75.59	75.42	75.34	75.31	75.36	75.84
50	75.59	75.60	75.60	75.82	[illegible]	75.92	75.81	75.68	75.48	75.41	75.38	75.44	75.96
100	75.68	75.70	75.68	75.92	76.09	76.06	75.92	75.77	75.54	75.50	75.45	75.52	76.09
200	75.82	75.81	75.82	76.03	[illegible]	76.21	76.07	75.88	75.61	75.70	75.61	75.65	76.24
MAX Obs.	75.52	75.38	75.53	75.76	75.90	75.98	75.86	75.66	75.42	75.28	75.56	75.30	75.98
Date	1978-01-26	1974-02-23	1973-03-17	1973-04-28	2019-05-29	2019-06-11	2019-07-21	2019-08-08	2019-09-04	1986-10-14	2019-11-01	2021-12-11	

1. Updated historical 100-year flood level at Kingston = 76.09 m IGLD'85 (10 cm higher than previous level
2. Updated historical 100-year flood level at Brockville = 10 cm decrease

Climate Change 100-year Flood Level

- Statistics repeated with projected future static lake levels:



*Projections courtesy of Environment and Climate Change Canada, 2022

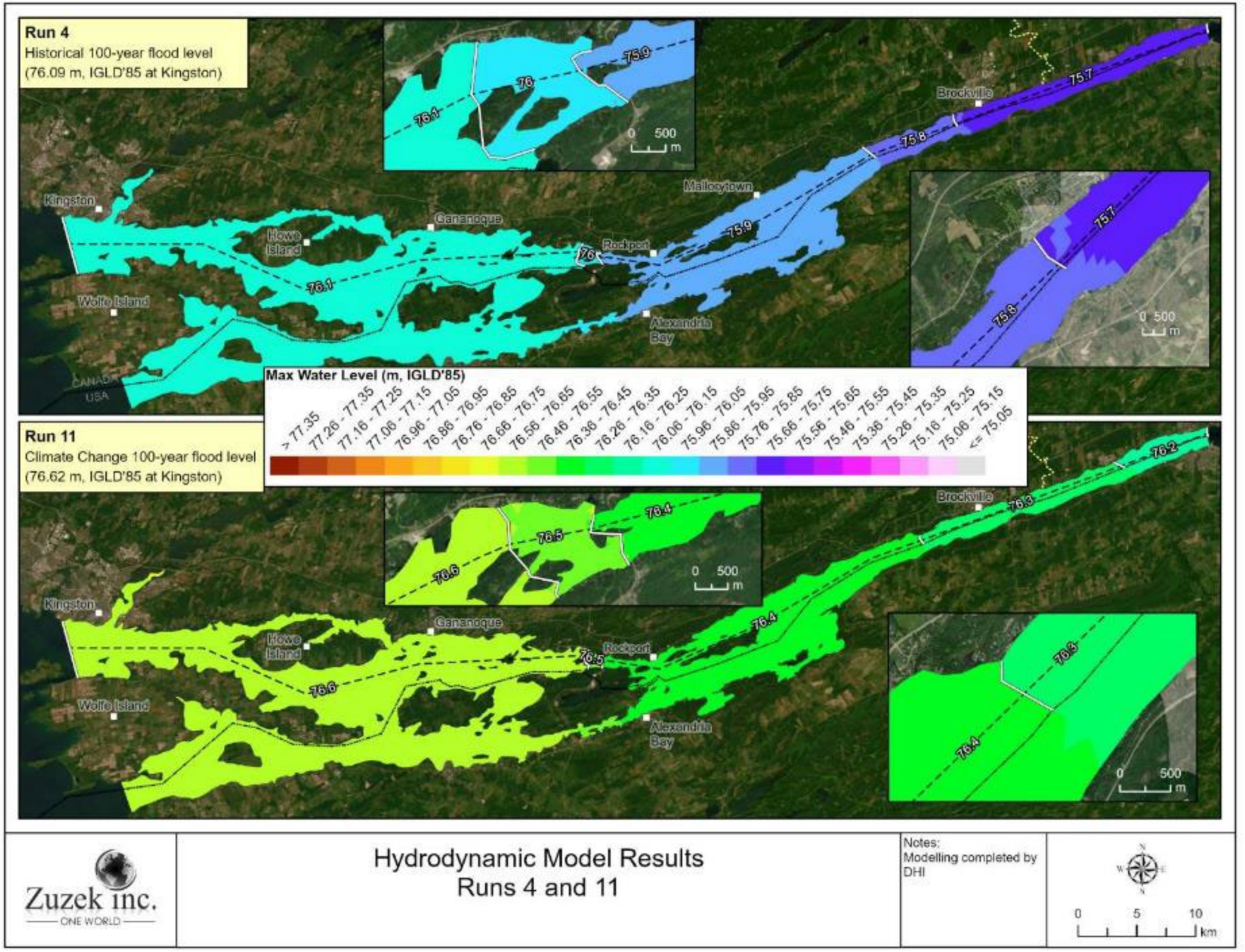
Climate Change 100-year Flood Level

Repeated statistical analysis for Mid-Century, RCP4.5:

	Monthly Combined Flood Level - Kingston (m IGLD85')												
Tr	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	MAX
1.5	74.67	74.72	74.78	74.91	75.09	75.08	74.96	74.88	74.80	74.73	74.66	74.67	75.09
2	75.13	75.20	75.22	75.36	75.45	75.44	75.35	75.21	75.17	75.05	75.00	75.05	75.45
5	75.48	75.56	75.58	75.71	75.79	75.73	75.64	75.48	75.40	75.33	75.25	75.32	75.79
10	75.66	75.76	75.81	75.93	76.00	75.91	75.82	75.64	75.52	75.47	75.39	75.46	76.00
20	75.83	75.94	76.00	76.13	76.19	76.08	75.97	75.77	75.62	75.56	75.50	75.58	76.19
25	75.88	75.99	76.06	76.19	76.25	76.14	76.02	75.82	75.64	75.58	75.54	75.62	76.25
50	76.03	76.14	76.25	76.38	[illegible]	76.31	76.16	75.95	75.73	75.66	75.64	75.72	76.43
100	76.18	76.30	76.43	76.58	76.62	76.50	76.31	76.08	75.81	75.74	75.74	75.82	76.62
200	76.38	76.51	76.68	76.85	[illegible]	76.75	76.46	76.25	75.93	75.93	75.90	75.97	76.86
MAX Obs.	75.52	75.38	75.53	75.76	75.90	75.98	75.86	75.66	75.42	75.28	75.56	75.30	75.98
Date	1978-01-26	1974-02-23	1973-03-17	1973-04-28	2019-05-29	2019-06-11	2019-07-21	2019-08-08	2019-09-04	1986-10-14	2019-11-01	2021-12-11	

1. 100-year climate change flood level at Kingston = 76.62 m IGLD'85
2. 53 cm higher than historical 100-year flood level
3. 100-year flood ~50 cm higher everywhere for mid-century climate change

Water Level Gradients from Modelling



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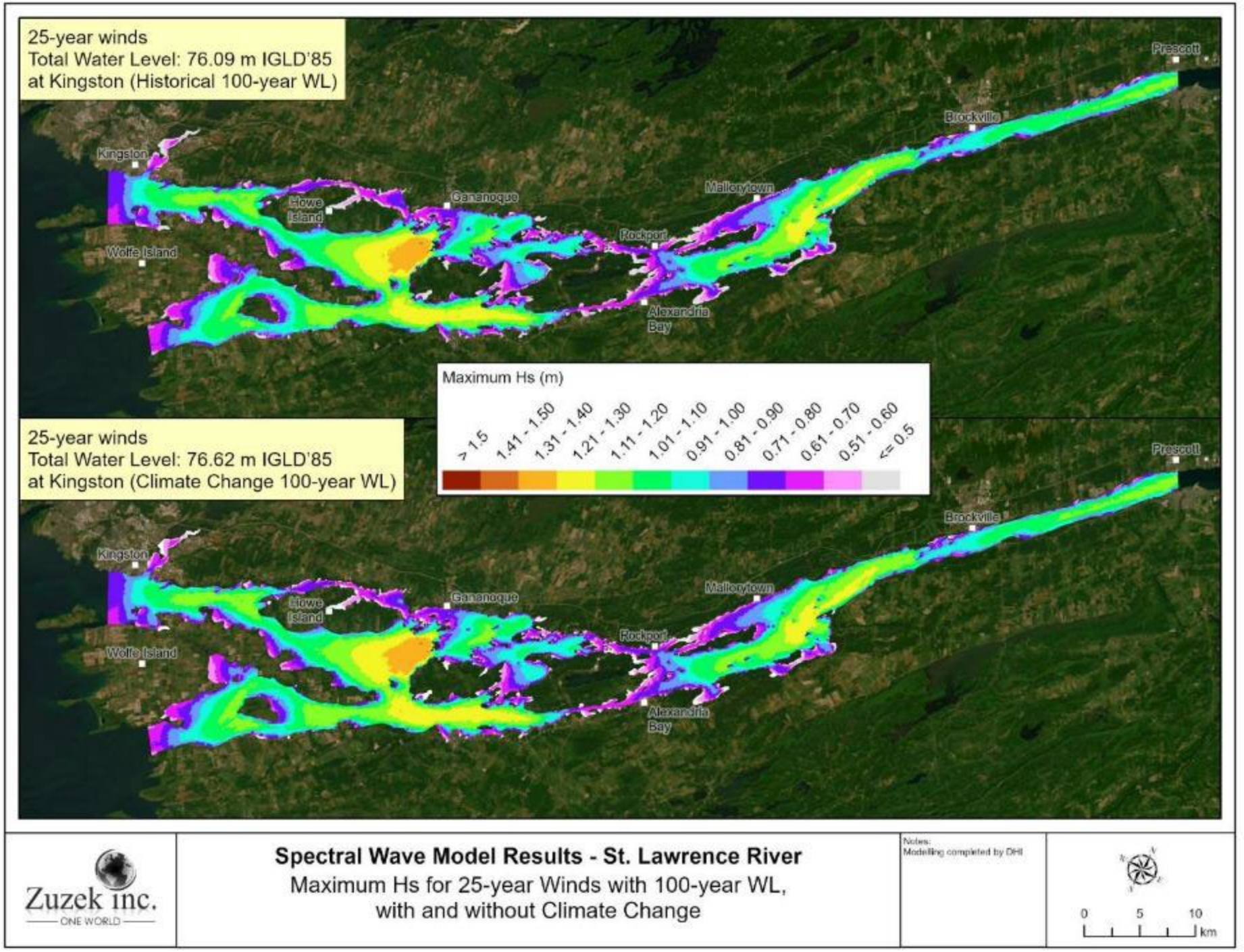
Hydrodynamic Model Results
Runs 4 and 11

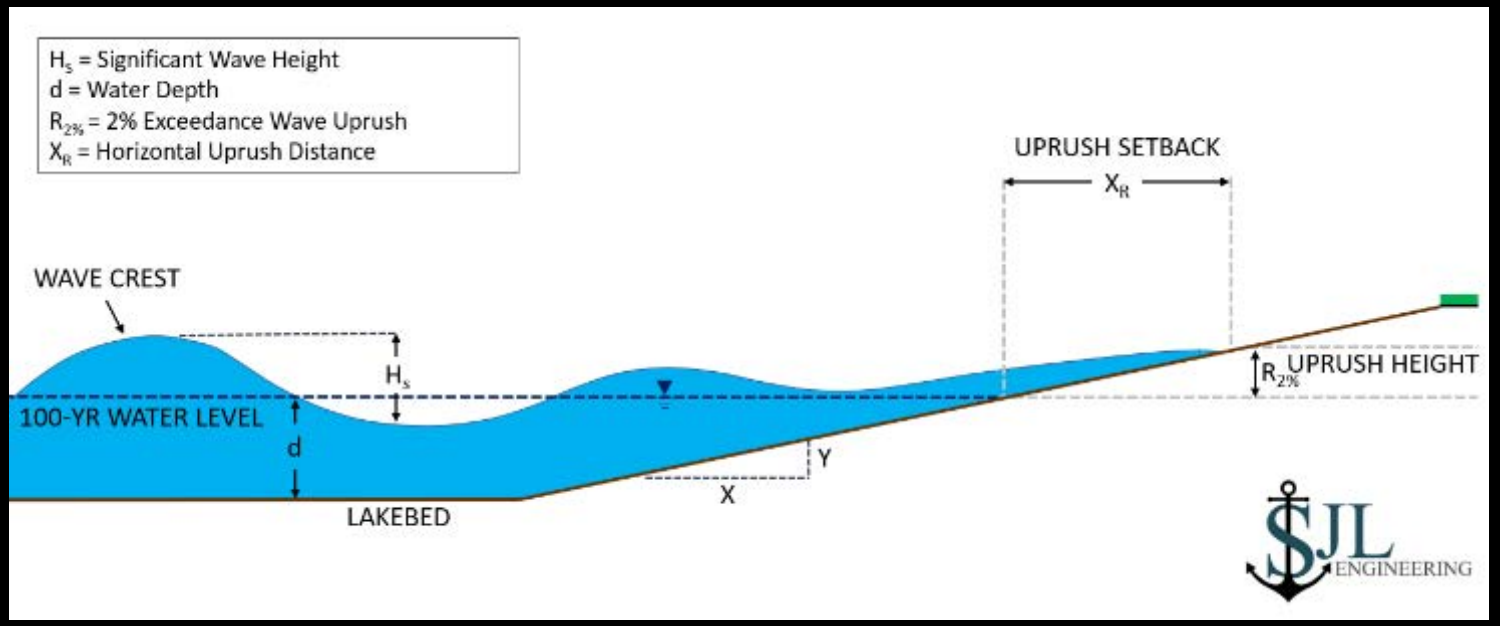
Notes:
Modelling completed by DHI

25-year Wave Heights from Modelling



Wave Uprush

- Wave uprush principally dependent on:
  - Wave exposure (height and period)
  - Shoreline slope
- Calculated throughout sub-reaches



Flooding Hazard Mapping

ST. LAWRENCE RIVER FLOOD HAZARD MAP

CATARAQUI CONSERVATION

LEGEND:

Hazard Mapping:

- 100-year Historical Flood Level Contour
- Historical Flood Hazard Limit

Base Mapping:

- Roads

INTERPRETATION OF THE HAZARD MAPS:

The hazard maps were prepared to support the Flood Hazard Identification and Mapping Program. The hazard limits are not the official regulatory limits of the Conservation Authority. Please contact the Conservation Authority for additional details on the regulatory limit and implications for new development.

DATA SOURCES:

2021-2022 LiDAR Digital Terrain Model provided by Cataraqui Conservation.
2019 Orthophotography provided by Cataraqui Conservation.
Road network obtained from Statistics Canada, Census Year 2021.
Inset Map: © OpenStreetMap contributors

DEFINITIONS:

100-Year Flood Level
The 100-Year Flood Level considers both static lake level and storm surge, having a combined probability of being equaled or exceeded during any year of 1% (i.e., probability, P=0.01).

Flood Hazard Limit
The Flood Hazard Limit is defined as the 100-Year Flood Level plus an allowance for wave runup and uprush. Refer to the FHIMP Report for additional details.

Stable Slope Allowance
The Stable Slope Allowance is defined as a horizontal setback equivalent to 3 times the height of the bank or bluff. Local studies may be required by the Conservation Authority to verify site specific conditions.

Erosion Hazard Limit
The landward extent of the Erosion Hazard is the sum of the 100-year erosion rate plus the Stable Slope Allowance, measured horizontally from the top of the bank, bluff, or shore protection.

Dynamic Beach Hazard Limit
The Dynamic Beach Hazard Limit is defined as the sum of the Flood Hazard limit components measured horizontally. The offshore limit accounts for the movement of sand in the shallow nearshore zone. Local conditions may require a modified mapping approach if the beach is evolving as a barrier beach. Refer to the FHIMP Report for additional details.

Datums:
Horizontal: UTM 18N NAD83, metres.
Vertical: IGLD85, metres.

Datum Conversion:
IGLD1985 - GUVD2013 = 0.38 m (average)
To convert from IGLD85 to CGVD2013, subtract 0.38 m
IGLD1985 - GUVD28 = 0.60 m (average)
To convert from IGLD85 to CGVD28, subtract 0.35 m

Note: There are local variations along the reaches within Cataraqui Conservation. Refer to the FHIMP Report for additional details.

N W E S

0 50 100 200 m

Scale: 1:2,000

PREPARED BY:

Zuzek inc. ONE WORLD

Stamp

SJL ENGINEERING

Stamp

This map was prepared by Zuzek Inc. and SJL Engineering Inc. and was published February 2024. The mapping of hazardous lands, including erosion, flooding, and dynamic beach areas, is subject to change. The proponents of a proposed development on or adjacent to the hazardous lands should contact Cataraqui Conservation to discuss current requirements. Every reasonable effort has been made to ensure the accuracy of this map. However, neither Cataraqui Conservation, Zuzek Inc., SJL Engineering Inc., or any other affiliated party assumes any liability arising from its use. This map is provided 'without warranty of any kind, either expressed or implied'.

Cataraqui conservation

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1641 Perth Road, P.O. Box 160
Glenburnie, Ontario, Canada K0H 1S0
Phone: (613) 546-4228 Fax: (613) 547-6474
Toll Free: 1-877-956-CRCA (2722) ext 613 (ext code)

Map 2 of 221

Flooding Hazard Mapping

St. Lawrence River Flood Hazard Map

Cataraqui Conservation

LEGEND:

Hazard Mapping:

- 100-year Historical Flood Level Contour
- Historical Flood Hazard Limit

Base Mapping:

- Roads

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Inset Map: © OpenStreetMap contributors

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Stable Slope Allowance
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Erosion Hazard Limit
The landward extent of the Erosion Hazard is the sum of the 100-year erosion rate plus the Stable Slope Allowance, measured horizontally from the toe of the bank, bluff, or shore protection.

Dynamic Beach Hazard Limit
The Dynamic Beach Hazard Limit is defined as the sum of the Flood Hazard limit allowances measured horizontally. The offshore limit accounts for the movement of sand in the shallow nearshore zone. Local conditions may require a modified mapping approach if the beach is eroding or a barrier beach. Refer to the FHIMP Report for additional details.

Datums:
Horizontal: UTM DN NAD1983, metres
Vertical: IGLD85, metres

Datum Conversion:
IGLD1985 - CGVD2013 = 0.30 m (average)
To convert from IGLD85 to CGVD2013, subtract 0.30 m
IGLD1985 - CGVD28 = 0.03 m (average)
To convert from IGLD85 to CGVD28, subtract 0.03 m

Note: There are local variations along the coastline within Cataraqui Conservation. Refer to the FHIMP Report for additional details.

N W E S

0 50 100 200 m

Scale: 1:2,000

PREPARED BY:

Zuzek inc. ONE WORLD

Stamp

SJL ENGINEERING

Stamp

This map was prepared by Zuzek Inc. and SJL Engineering Inc. and was published February 2024. The mapping of hazardous lands, including erosion, flooding, and dynamic beach areas, is subject to change. The proponent of a proposed development on or adjacent to the hazardous lands should contact Cataraqui Conservation to discuss permit requirements. Every reasonable effort has been made to ensure the accuracy of this map. However, neither Cataraqui Conservation, Zuzek Inc., SJL Engineering Inc., or any other affiliated party assume any liability arising from its use. This map is provided without warranty of any kind, either expressed or implied.

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PARRARH Framework for Risk Reduction and Increasing Coastal Resilience

PARRARH FRAMEWORK

1st — Preserve Natural Coastal Areas

2nd — Avoid Further Development on Hazardous Lands

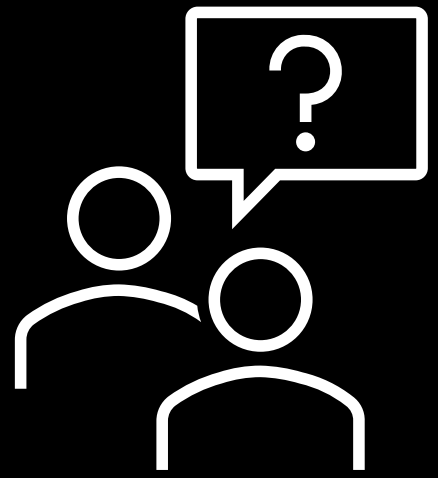
3rd — Retreat from Hazards and Re-align Land Use

4th — Accommodate Coastal Hazards

5th — Restore with Nature-based Coastal Solutions

6th — Harden with Engineering Structures

Questions?



Draft Conservation Area Strategy

Full Authority Board - June 26, 2024

Background

In 2021, the provincial government enacted Ontario Regulation 686/21: Mandatory Programs and Services (as amended) which sets out the Mandatory Programs and Services that must be delivered by all Conservation Authorities in Ontario.

- Subsections 9 (1) to (11) of the regulation require all Conservation Authorities to prepare a "Conservation Area Strategy" (CAS) and a "Land Inventory". A deadline of December 31, 2024 was provided to complete this work.

- Required components of the Conservation Area Strategy are outlined in the Regulation however, the framework / formatting of the Conservation Area Strategy may be determined by each individual conservation authority.

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Required Components

Section 10(1) to (3) of O.Reg. 686/21 sets out required components of the Conservation Area Strategy:

1. Objectives established by the authority that will inform the authority's decision-making related to the lands it owns and controls, including decisions related to policies governing the acquisition and disposition of such lands.
2. Identification of mandatory and non-mandatory programs and services that are provided on land owned and controlled by the authority, including the sources of financing.
3. An assessment of how the lands owned and controlled by the authority may,
    1. augment any natural heritage located within the authority's area of jurisdiction, and
    2. integrate with other provincially or municipally owned lands or other publicly accessible lands and trails within the authority's area of jurisdiction.
4. The establishment of land use categories for the purpose of classifying lands.
5. A process for the periodic review and updating of the conservation area strategy, including procedures to ensure stakeholders and the public are consulted during the review and update process.

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Conservation Area Strategy Format

4 year Strategic Document

- Aligns with the goals of Cataraqui Conservation's Corporate Strategy
- Is supported by Policy, Guidelines, Plans, and Procedures
  - Acquisition and Disposition Guidelines
  - Conservation Area Management Guidelines

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Next Steps

- *July* – Initial public consultation period
  a) Post the draft strategy on Cataraqui Conservation's website for 30 days
  b) Inform the public through social media platforms
  c) Encourage comments via an online form / questionnaire
- *August* – Amended draft strategy to Full Authority Board
  - Draft Acquisition and Disposition Guidelines
  - Draft Conservation Area Management Guidelines
- *September* – (30 day) public consultation period
  - Strategy and Guidelines
- *October* – Final approval by Full Authority Board
- *November/December* - Submit final document to the Ministry

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Thank You

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Draft Watershed-based Resource Management Strategy

Full Authority Board - June 26, 2024

Background

- Presentation is in support of Board Report IR-066-24 seeking approval to proceed to the public consultation phase
- In 2021, the provincial government enacted Ontario Regulation 686/21
- Subsections 12(4) to (9) of O.Reg. 686/21 requires all Conservation Authorities to prepare a Watershed-based Resource Management Strategy (WRMS)
- Purpose – to assist conservation authorities with evolving or enhancing their programs and services to address or manage local watershed triggers, issues and risks
- Deadline of December 31, 2024 to complete WRMS

* Considerable contribution by Holly Evans, Watershed Planning Coordinator

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Required Components

Section 12(4) to (7) of O.Reg. 686/21 sets out required components of a Watershed-based Resource Management Strategy:

1) Guiding principles, goals and objectives
2) Summary of existing natural resources technical studies, monitoring programs and other information
3) Assessment of effectiveness of Category 1 (mandatory) programs, identify actions to address issues / gaps and mitigate risks
4) If agreements are in place, Category 2 (municipal) and 3 (other locally supported) programs and services can be included
5) Process for periodic review and update
6) Undertake public consultation

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Required Components Cont'd

Draft Watershed-based Resource Management Strategy is attached to Report IR-066-24 as Attachment #1

- Sections 1 & 3 - Guiding principles, goals and objectives
- Section 4 & Appendix A - Summary of existing natural resources technical studies, monitoring programs and other information
- Section 5 & Appendix B - Assessment of effectiveness of programs and services
- Section 6 – Review/update process (4-year cycle) and public consultation

* O.Reg. 686/21 requirements met

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Next Steps

- *July* – Initial public consultation period
  a) Post the draft strategy on Cataraqui Conservation's website for 30 days
  b) Inform the public through social media platforms
  c) Encourage comments via an online form / questionnaire
- *August* – Amended draft strategy to Full Authority Board
- *September* – Second (30 day) public consultation period
- *October* – Final approval by Full Authority Board

* Submit final document to the Ministry by December 31, 2024

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Thank You

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Planning & Permitting Ad Hoc Committee
2024 Planning & Permitting Initiatives

Full Authority Meeting – June 26, 2024

Intro to Development Review Role

- Our mandate
  - As per the Conservation Authorities Act:

  To ensure the conservation, restoration and responsible management of Ontario's water, land and natural habitats through programs that balance human, environmental and economic needs

- 2 Roles:
  - Commenting agency with delegated responsibility for natural hazards review for *Planning Act* applications
  - Regulatory authority responsible for implementing development regulation (O. Reg. 41/24 – formerly O. Reg. 148/06)

- Example Statistics (2023)

2023 Plan Review and Permitting Activity

Number of Plan Review Files:		Number of Permit Application Files:	
Athens	07	Athens	05
Brockville	22	Brockville	11
Elizabethtown-Kitley	28	Elizabethtown-Kitley	11
Front of Yonge	10	Front of Yonge	11
Gananoque	09	Gananoque	02
Greater Napanee	20	Greater Napanee	40
Kingston	24	Kingston	69
Leeds & the Thousand Islands	86	Leeds & the Thousand Islands	153
Loyalist	33	Loyalist	31
Rideau Lakes	42	Rideau Lakes	31
South Frontenac	45	South Frontenac	71
Frontenac Islands	10	Frontenac Islands	N/A
Total of 336 applications		**Total of 435 applications**	

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Legislative Framework

Section 28 of the *Conservation Authorities Act*

Ontario Regulation (O. Reg.) 41/24

Board-approved policies and guidelines

Regulation Change

- From 2006 to April 1, 2024

Ontario Regulation 148/06:

Development, Interference with Wetlands and Alterations to Shorelines and Watercourses

- Since April 1, 2024:

Ontario Regulation 41/24: *Prohibited Activities, Exemptions and Permits*

- Both pursuant to S. 28 of the *Conservation Authorities Act*
- Purpose, scope and content is largely the same
- O. Reg. 41/24 meant as single, consistent CA development regulation for the entire province
- Differences: some new exemptions for certain low risk activities, changes to regulated extent, etc.

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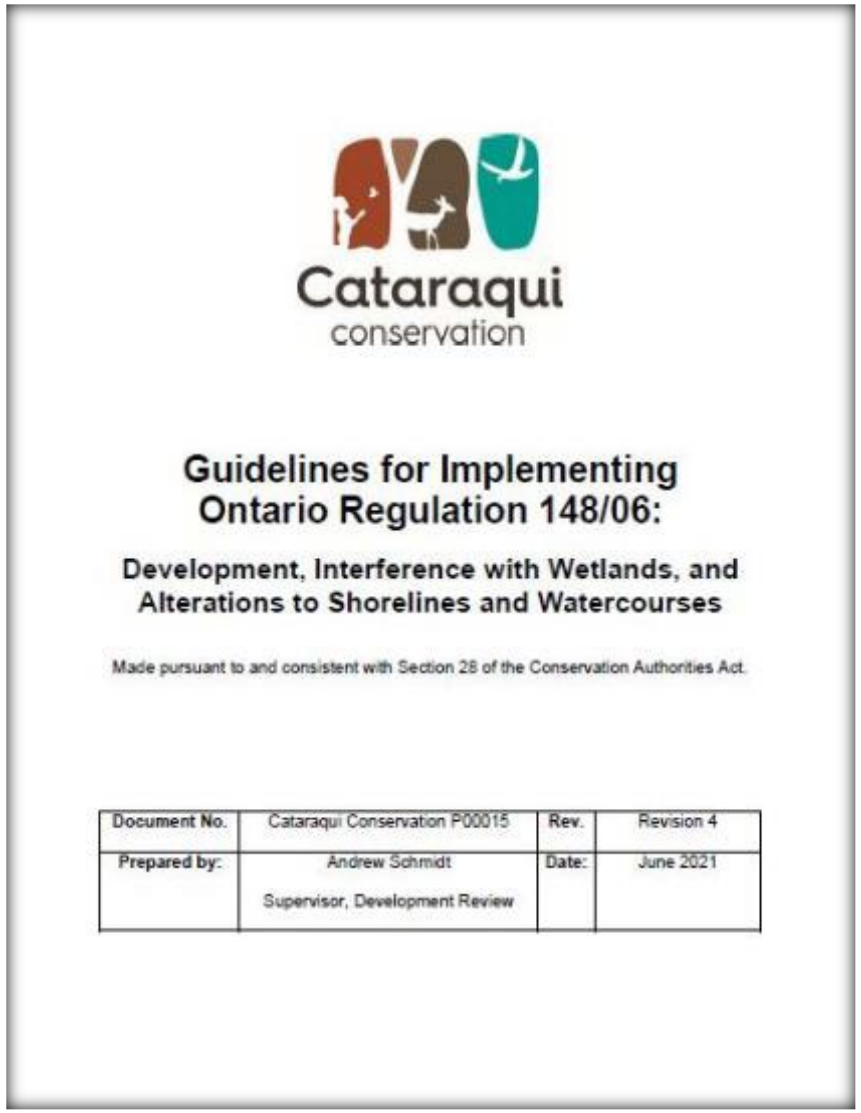
Guidelines for Implementing the Regulation



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Guidelines for Implementing Ontario Regulation 148/06:

Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses

Made pursuant to and consistent with Section 28 of the Conservation Authorities Act.

Document No.	Cataraqui Conservation P00015	Rev.	Revision 4
Prepared by:	Andrew Schmidt Supervisor, Development Review	Date:	June 2021

- Provides guidance for Cataraqui Conservation staff for permit application reviews
- Developed using framework provided by MNRF and Conservation Ontario
- Last comprehensive update in 2017
- Started 5-year review in 2022
- Updates now needed to ensure conformity with new regulation

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Guidelines Update – Progress to Date

Winter & Summer 2022

- Internal Staff Review
- Draft changes

Summer & Fall 2022

- Public consultation period
- Public & Stakeholder Engagement Event

Fall 2022 – Summer 2023

- Further internal review
- Second draft revisions made

Summer 2023 – Winter 2024

- Progress paused to await new regulation

Spring 2024

- O. Reg. 41/24 comes into effect

June 26, 2024

- Full Authority, Progress resumes

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Guidelines Update – Next Steps

June-August 2024

- Staff to finalize 2022 Guidelines updates & complete O. Reg. 41/24 conformity exercise

August 2024

- PPAHC meeting to discuss 3rd draft revisions

September 2024

- Public consultation & notification

October - December 2024

- Final revisions, PPAHC approval and adoption

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Thank You

Questions?

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