



Date: Wednesday, December 9, 2020

Location: Microsoft Teams

Participants: Alan Revill, Township of South Frontenac, Chair
Al Barton, Township of Front of Yonge
Rhonda Ferguson, Township Athens
Al Hanes, Township of Elizabethtown-Kitley
Matt Harper, Town of Gananoque
Mary Rita Holland, City of Kingston
Nathalie Lavergne, City of Brockville
Garry Hewett, City of Brockville
Paul McAuley, Loyalist Township
Gordon Ohlke, Township of Leeds and the Thousand Islands
Gary Oosterhof, City of Kingston
Lisa Osanic, City of Kingston
Terry Richardson, Town of Greater Napanee
Claire Smith, Township of Rideau Lakes
Peter Stroud, City of Kingston
Nathan Townend, Loyalist Township

Non-Participants: Ross Sutherland, Township of South Frontenac, Vice Chair

Staff Participants: Katrina Furlanetto, General Manager
Tom Beaubiah, Manager, Watershed Planning & Engineering
Donna Campbell, Assistant, Chair & General Manager
Michael Dakin, Resource Planner
Steve Knapton, Supervisor, Operations & Maintenance
Krista Fazackerley, Supervisor, Communication & Education
Cheryl Rider, Supervisor, Finance
Andrew Schmidt, Supervisor, Development Review
Kristen Wozniak, Resource Planner

In response to recommendations by the Province of Ontario and public health officials for mitigating and responding to the Coronavirus pandemic (COVID-19) meetings are not held in-person, therefore, this Full Authority Board Meeting was convened via Microsoft Teams.

The meeting commenced at 6:45 p.m. The Chair acknowledged new members.

1. **Roll Call**

There were sixteen (16) members who participated in the Microsoft Teams meeting.

2. **Adoption of Agenda**

There was an addition to the agenda, Shoreline Management Plan Opportunity (Report IR-123-20).

Moved By: Al Barton
Seconded By: Nathan Townend

That the agenda Be Adopted, As Amended.

Carried

3. **Declaration of Conflict of Interest**

There was none.

4. **Delegation / Presentation**

4.1 2020 #HikeCRCA Results

- Presentation – Krista Fazackerley, Supervisor, Communications & Education ([Attachment #1](#))

Resolution: 106-20
Moved By: Rhonda Ferguson
Seconded By: Claire Smith

That the 2020 #HikeCRCA Results presentation by Krista Fazackerley, Supervisor, Communications & Education, Be Received.

Carried

5. **Approval of Previous Minutes**

5.1 Minutes of the Cataraqui Conservation Full Authority Board Meeting of October 28, 2020

Moved By: Al Hanes
Seconded By: Terry Richardson

That the minutes of the October 28, 2020 Cataraqui Conservation Full Authority Board meeting, **Be Approved**.

Carried

5.2 Minutes of the Cataraqui Conservation Full Authority Board Special Meeting of November 25, 2020

Moved By: Matt Harper
Seconded By: Gary Oosterhof

That the minutes of the November 25, 2020 Cataraqui Conservation Full Authority Board Special meeting, **Be Approved**.

Carried

6. **Business Arising**

There was none.

7. Items for Consideration

7.1 Cataraqui Conservation Asset Naming Policy (report IR-113-20)

Resolution: **107-20**
Moved By: Garry Hewett
Seconded By: Gordon Ohlke

That Report IR-113-20, Cataraqui Conservation Asset Naming Policy, **Be Received;** and,

That the Cataraqui Region Conservation Authority Asset Naming Policy (2017), **Be Repealed;** and,

That the Cataraqui Conservation Asset Naming Policy and Schedule 'A', **Be Adopted.**

Carried

7.2 Cataraqui Trail – Ontario Structure Inspection Manual (OSIM) Bridge Inspections (PR 00157) (report IR-114-20)

Resolution: **108-20**
Moved By: Mary Rita Holland
Seconded By: Paul McAuley

That Report IR-114-20, Cataraqui Trail – Ontario Structure Inspection Manual (OSIM) Bridge Inspections (PR 00157); **Be Received;** and,

That staff **Be Directed** to refer to the recommendations outlined within the Ontario Structure Inspection Manuals to identify capital projects for the inspected structures along the Cataraqui Trail.

Carried

7.3 National Disaster Mitigation Program (NDMP) Intake 6 – Grant Submission
(report IR-115-20)

Resolution: **109-20**
Moved By: Nathalie Lavergne
Seconded By: Al Barton

That Report IR-115-20, National Disaster Mitigation Program (NDMP) Intake 6 – Grant Submission, **Be Received**; and,

Whereas the National Disaster Mitigation Program provides funding for Investment in non-structural mitigation; and,

Whereas staff of Watershed Planning and Engineering have identified an opportunity to seek funding to assist in funding Capital Projects;

Therefore, Be It Resolved that the Full Authority Board of Cataraqui Conservation **Endorse** the submission of a project proposal to, National Disaster Mitigation Program for consideration.

Carried

7.4 Shoreline Management Plan Opportunity (report IR-123-20) – addition to the agenda ([Attachment #2](#))

The General Manager walked members through a report which outlined an opportunity for Cataraqui Conservation to partner with Quinte Conservation in completing required technical analyses along the Lake Ontario shoreline to better understand natural hazards and long-term best practices.

The General Manager noted that should Quinte Conservation be successful in acquiring the National Disaster Mitigation Program funding assistance, Cataraqui Conservation staff will seek municipal support to fund the work within our watershed.

Resolution: **110-20**
Moved By: Terry Richardson
Seconded By: Nathan Townend

That Report IR-123-20, Shoreline Management Plan Opportunity, **Be Received**; and,

That Cataraqui Conservation **Support** Quinte Conservation in seeking National Disaster Mitigation Program funding assistance to complete a Shoreline Management Plan for the Bay of Quinte and Lake Ontario shoreline; and,

That staff **Be Directed** to collaborate with Quinte Conservation to complete technical modelling of the section of the Lake Ontario shoreline that falls within the Cataraqui Conservation jurisdiction; and,

That staff **Be Directed** to seek funding support from the respective municipalities along the Lake Ontario shoreline to support the modelling, pending a successful National Disaster Mitigation Program funding application.

Carried

7.5 Proposed Amendments to the Conservation Authorities Act – Update (Verbal)

The General Manager provided an update on the proposed amendments to the Conservation Authorities Act through Bill 229, Protect, Support and Recover from COVID 19 Act (Budget Measures), 2020. She explained that the proposed amendments are not only administrative but, in fact, could have significant environmental impact due to decisions being made without consideration of the local watershed science and expertise provided by conservation authorities. Additional regulations are expected in 2021 which will outline how these amendments may impact conservation authority governance, budget development, and implementation of programs and services.

Since the release of Bill 229, there was overwhelming support provided from stakeholders, municipalities, politicians, environmental groups, and residents for the work conservation authorities do with an ask to the Province of Ontario for the withdrawal of Schedule 6 to allow for more opportunity for consultation. The General Manager noted that despite the support, Bill 229 was passed through Royal Assent on December 8, 2020, with Schedule 6 remaining, as amended.

Peter Stroud joined the meeting at this point.

Resolution:	111-20
Moved By:	Al Hanes
Seconded By:	Claire Smith

That the verbal update from the General Manager on Conservation Authorities Act, **Be Received**.

Carried

The Chair took this opportunity to move along in the agenda to item 9.2, Report from Budget Review Committee Meeting of December 1, 2020 (IR-117-20), as there were some members who had to leave the meeting early and this item required a recorded vote.

7.6 COVID-19 - Update (Verbal)

The General Manager provided a brief update on Cataraqui Conservation's protocols and service delivery status to safely adapt to community-spread of COVID-19.

Resolution: **112-20**
Moved By: Garry Hewett
Seconded By: Lisa Osanic

That the verbal update from the General Manager on COVID-19, **Be Received.**

Carried

8. Minutes

8.1 Minutes of Friends of Lemoine Point

Resolution: **113-20**
Moved By: Lisa Osanic
Seconded By: Gordon Ohlke

That the Friends of Lemoine Point minutes of August 27, 2020, **Be Received.**

Carried

8.2 Minutes of Friends of Cataraqui Trails

Resolution: **114-20**
Moved By: Paul McAuley
Seconded By: Al Hanes

That the Friends of Cataraqui Trail minutes of September 24, 2020 and October 22, 2020, **Be Received.**

Carried

9. **Committee Reports**

9.1 Report from Planning and Permitting Ad Hoc Committee Meeting of November 27, 2020 (IR-116-20)

Resolution:	115-20
Moved By:	Claire Smith
Seconded By:	Paul McAuley

That report IR-116-20, Report from Planning and Permitting Ad Hoc Committee Meeting November 27, 2020, **Be Approved**.

Carried

9.2 Report from Budget Review Committee Meeting of December 1, 2020 (IR-117-20)

The Chair indicated that included in the approval of Report IR-117-20, Report from the Budget Review Committee meeting of December 1, 2020, was the Cataraqui Conservation 2021 Budget and Capital Forecast, and the associated Municipal Levy apportionments. Members were reminded that the vote is conducted in accordance with regulation whereby those in attendance convey a weighted vote. A recorded vote was called. There were 16 members present and eligible to vote.

Lisa Osanic joined the meeting at this point.

Resolution: **116-20**
Moved By: Rhonda Ferguson
Seconded By: Gary Oosterhof

That report IR-117-20, Report from Budget Review Committee Meeting of December 1, 2020, **Be Approved.**

Carried

Member	In Favour	Not In Favour	Absent
Barton, Al	X		
Ferguson, Rhonda	X		
Hanes, Al	X		
Harper, Matt	X		
Hewett, Garry	X		
Holland, Mary Rita	X		
Lavergne, Nathalie	X		
McAuley, Paul	X		
Ohlke, Gordon	X		
Oosterhof, Gary	X		
Osanic, Lisa	X		
Revill, Alan	X		
Richardson, Terry	X		
Smith, Claire	X		
Stroud, Peter	X		
Sutherland, Ross			X
Townend, Nathan	X		

The motion was carried unanimously.

Both Gary Oosterhoff and Mary Rita Hollands left the meeting at this point.

The Chair returned to item 7.6 COVID-19 – Update above.

10. Announcements or Inquiries / Information

10.1 Report on Communications (IR-118-20)

Resolution:	117-20
Moved By:	Nathalie Lavergne
Seconded By:	Al Barton

That report IR-118-20, Report on Communications, Be Received.

Carried

11. Motions / Notice of Motion

There were none.

12. In Camera Session

Resolution: **118-20**
Moved By: Lisa Osanic
Seconded By: Al Hanes

That the Cataraqui Conservation Full Authority Board move **In Camera**.

Carried

12.1 Confidential Report – Legal Matter (report IR-119-20)

12.2 Confidential Report – Legal Matter (report IR-120-20)

12.3 Confidential Report - Full Authority Confidential In-Camera Minutes of October 28, 2020 (report IR-121-20)

12.4 Confidential Report – Report from Personnel Committee Meeting of November 17, 2020 (Report IR-122-20)

Resolution: **119-20**
Moved By: Al Barton
Seconded By: Nathan Townend

That the Cataraqui Conservation Full Authority Board move out of **In Camera** and report.

Carried

13. Return to Open Session

Resolution: **120-20**
Moved By: Paul McAuley
Seconded By: Gordon Ohlke

That the Cataraqui Conservation Full Authority Board **Authorize** staff to pursue items of action as discussed at the **In Camera** session on December 9, 2020.

Carried

14. Adjournment

The meeting adjourned at 8:05 p.m. on a motion by Nathalie Lavergne, seconded by Terry Richardson.

Cataraqui Region Conservation Authority

Katrina Furlanetto, M.Env.Sc.
General Manager

Alan Revill, Chair



Cataraqui
conservation

2020 Hike CRCA Challenge - Winners

December 09, 2020



SEPT. 1 TO OCT. 31

HIKECROCA

CHALLENGE

#Hike CRCA Challenge Rules



HIKE CRCA TRAILS

Full Challenge: Hike the designated “challenge trail” at each of our Conservation Areas and one “designated section” of the Cataraqui Trail and find the special challenge sign with the #HikeCRCA logo. **Family-Friendly Challenge:** Hike four out of the nine designated trails. See the list of Conservation Areas and designated trails below.



POST A PHOTO ONLINE

Take a selfie with each of our challenge signs and post it to social media – Facebook, Twitter or Instagram. Your post must include the hashtag **#HikeCRCA** and your location – the Conservation Area you are in.

Not on social media, no worries. When participants have completed the challenge you will be asked to upload your photos when you fill out the entry form. Put N/A on the social media questions and upload your photos to be entered.



ENTER TO WIN

Once you have completed the 9 designated trails for the Full Challenge or the 4 trails for the Family Challenge fill out the Entry Form by clicking the button below to be entered to win some great prizes. Good luck and happy trails!

[Challenge Entry Form](#)

Challenge Signs – Canoe Paddles



Prizes and Sponsors

- Draw for:
 - Full Challenge - 1 winner
 - Family Challenge – 1 winner
 - Annual Passes – 4 winners

- Prize Sponsors:



Cataraqi Conservation
Foundation



Friends
of the Cataraqi Trail



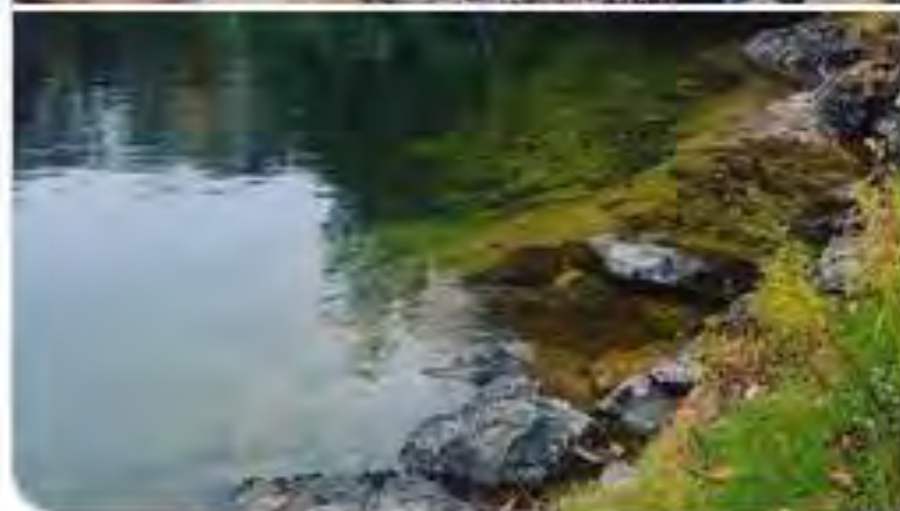
Cataraqi
conservation





Monica  @MoRadio_

Trail 9 of 9 complete & I avoided the rain. Yay! Proud to finish the [#HikeCRCA](#) Challenge. [#Hikehealthy](#) @CataraqiRCA



2020 Challenge Winners



Challenge Statistics

2017

- 12 completed
- 13 partial

2018

- 42 completed
- 3 partial

2019

- 44 completed
- 5 partial

2020

- 147 completed
- 3 partial
- 1064 photos





Date: December 9, 2020
To: Full Authority Board
From: Katrina Furlanetto, M.Env.Sc
General Manager

1.0 Type of Report

Consent Item
Item for Board Consideration

2.0 Topic

Shoreline Management Plan Opportunity

3.0 Recommendations

That Report IR-123-20, Shoreline Management Plan Opportunity, **Be Received;**
and,

That Cataraqi Conservation **Support** Quinte Conservation in seeking National
Disaster Mitigation Program funding assistance to complete a Shoreline
Management Plan for the Bay of Quinte and Lake Ontario shoreline; and,

That staff **Be Directed** to collaborate with Quinte Conservation to complete
technical modelling of the section of the Lake Ontario shoreline that falls within
the Cataraqi Conservation jurisdiction; and,

That staff **Be Directed** to seek funding support from the respective municipalities
along the Lake Ontario shoreline to support the modelling, pending a successful
National Disaster Mitigation Program funding application.

4.0 Purpose

The purpose of this report is to outline a potential partnership with Quinte Conservation to seek economy of scale for technical modelling and analysis of the Lake Ontario shoreline to better understand natural hazards and ensure consistency along the lake.

5.0 Background

High water events in 2017 and 2019 along the Lake Ontario and St. Lawrence River shorelines are concerning for landowners and municipalities due to flooding and erosion. To best understand how to address these challenges, conservation authorities have historically completed Shoreline Management Plans that provide an inventory, technological modelling, improved hazard data and best management practice recommendations to support all partners in effectively and sustainably addressing shoreline needs from future impacts.

Central Lake Ontario, Lower Trent Region, and Ganaraska Region Conservation Authorities recently completed a Shoreline Management Plan for Lake Ontario, which has garnered significant interest from municipalities and conservation authorities along the remainder of the Lake Ontario / St. Lawrence River shorelines. Most Recently, Quinte Conservation has proposed completing a similar plan for the Bay of Quinte and Lake Ontario portions of their watershed. In doing so, there is an opportunity for Cataraqui Conservation to partner on the technical modelling of the last Lake Ontario stretch within our jurisdiction.

6.0 Strategic Plan

This report supports Goal A in the Strategic Plan, Cataraqui 2020.

To conserve CRCA's water resources, including the safeguarding, management and restoration of rivers, lakes and streams, and to work cooperatively with our partners to protect the water cycle.

- Produce watershed management plans for our major watersheds to help ensure their long-term health.
- Develop with other groups a coordinated approach to managing water quantity.
- Cooperate with agencies on research to maintain or improve the quality of surface water and groundwater resources.
- Provide technical advice to municipalities in implementing storm water management.

7.0 Input from Other Sources

Cataraqui Conservation staff have discussed the opportunity of a Shoreline Management Plan with adjacent conservation authorities along the Lake Ontario and St. Lawrence River shorelines: Quinte Conservation, South Nation Conservation, and Raisin Region Conservation. There is interest to partner and collaborate on a group study to be completed in phases based on the lake and riverine ecology and funding capacity of local partners to participate.

The above conservation authorities have also spoken to Peter Zuzek and Seth Logan, the two leads who completed the Shoreline Management Plan along the western section of Lake Ontario for scoping a potential project.

8.0 Analysis

In report IR-044-19, Waterfront Development Guidance for Eastern Lake Ontario and Upper St. Lawrence River (PR00168) – Final Report, it was recommended that Cataraqui Conservation consider updating flood and erosion hazard mapping through the development of a Shoreline Management Plan along the lake and riverine nearshore areas. Speaking with shoreline municipalities, there is interest in planning for such study with additional external funding support when available.

Municipalities along the shoreline have expressed interest in these studies to better understand the impact of climate change, provide consistency on best practices along the shoreline, improve natural hazard data, and reduce the requirement for small-scale studies on individual properties.

The study will help to reduce time, effort and expense associated with development, including installation of shore protection, by undertaking a coastal engineering study for the entire shoreline and eliminating the patchwork of discrete studies which can lead to inconsistencies. The findings from the study will help to reduce liability associated with the issuance of permits through the use of the most up-to-date, accurate hazard limits, and providing recommendations on effective approaches for shore protection as determined by a qualified Coastal Engineer.

Recent evaluation of the potential scope of work included five steps: (1) Risk Communication, (2) Field Investigation, (3) Technical Analysis, (4) Mitigation Solutions, and (5) Hazard Mapping and Documentation. Quinte Conservation has indicated there is an opportunity for economy of scale along Lake Ontario to complete the technical modelling portion. Cataraqui Conservation currently relies on studies completed in the early 1990s for floodplain analysis and development review. An update of these models and assessment of hazard impacts would greatly clarify how to protect the shoreline from future events.

The technical analysis proposed would include:

- calculation of historical erosion rates for the Bay of Quinte and Lake Ontario shoreline
- updated extreme value analysis for lake levels
- assessment of nearshore wave and surge climate
- documentation of general coastal processes by shoreline reach, and
- projected climate change impacts on future hazards and shoreline.

The proposed work is anticipated to be completed within the 2021-2022 provincial fiscal year.

9.0 Financial Implications

Public Safety Canada announced another funding intake (November 2020) for the National Disaster Mitigation Program (NDMP) to support flood mitigation and risk assessment projects across Ontario. Quinte Conservation has applied and is looking to collaborate on the technical modelling and analysis aspect through seeking 50% funding from the grant. Quinte Conservation staff have approached Cataraqui Conservation as a funding partner for the Lake Ontario shoreline sections within our watershed – primarily the shorelines of the Town of Greater Napanee, Loyalist Township and the City of Kingston to provide a complete and consistent update of the lake.

In working with Peter Zuzek and Seth Logan who completed previous Shoreline Management Plans across Lake Ontario, the estimated cost for Cataraqui Conservation to join the technical analysis aspect of this project is \$30,000. This is significantly less than independently completing the model. Should Quinte Conservation be successful in receiving 50% NDMP funds, the total cost of this work for Cataraqui Conservation would be \$15,000.

A full Shoreline Management Plan can range between \$200-500,000 depending on the scope of work and analyses required. Cataraqui Conservation is not able to undertake such a project at this time, however through acquiring LiDAR as outlined in report IR-098-20, Eastern Ontario LiDAR Proposed Acquisition (October 2020) and in potentially partnering to complete technical modelling on Lake Ontario as described in this report, the results of these efforts will support Cataraqui Conservation to be prepared for the completion of a Shoreline Management Plan in future years through new funding opportunities and at a lower cost.

Pending a successful NDMP application, staff propose working with the Town of Greater Napanee, Loyalist Township, the City of Kingston, and others to fund the necessary technical analyses required to complete the Lake Ontario shoreline.

10.0 Conclusion

There is an opportunity for Cataraqi Conservation to partner with Quinte Conservation in completing required technical analyses along the Lake Ontario shoreline to better understand natural hazards and long-term best practices. Should Quinte Conservation be successful in acquiring the National Disaster Mitigation Program funding assistance, Cataraqi Conservation staff will seek municipal support to fund the work within our watershed.

Approved for circulation,

(Original signed by)

Katrina Furlanetto, M.Env.Sc
General Manager