



LOWER TRENT CONSERVATION

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Registered Charitable Organization No. 107646598RR0001

BOARD OF DIRECTORS

Board of Directors refers to the General Membership as set out in the Lower Trent Conservation Administrative By-Law No. 2021-01

REGULAR BOARD MEETING MINUTES

MEETING # 2022-05

DATE: June 9, 2022

TIME: 8:37 p.m.

LOCATION: Administration Office, 714 Murray Street, Trenton / Virtually

PRESENT:

ON SITE		REMOTE SITE
Eric Sandford (Chair)	Mark DeJong	Lynda Reid
Mark Bateman	Jim Alyea	
Mike Filip	Bob Mullin	
Mary Tadman	Rick English	
Don Clark		

ABSENT/REGRETS: Gene Brahaney

STAFF: Rhonda Bateman, Gage Comeau, Anna Morgan, Janet Noyes,
Kelly Vandette

1. Meeting called to order by the Chair

The meeting was called to order by Chair Sandford at 8:37 p.m.

2. First Nation Acknowledgement by the Chair

"This land is located on the traditional territories of the Anishnabek, Huron-Wendat, and Haudenosaunee (Iroquois) peoples. We acknowledge our shared responsibilities and obligations to preserve and protect the land, air and water. We are grateful to have the privilege to meet, explore, and connect here on these shared lands. In the spirit of friendship, peace and respect, we extend our thanks to all the generations that came before us and cared for these lands - for time immemorial."

3. Disclosure of pecuniary interests

There were no pecuniary interests disclosed at this meeting.

4. Approval of the Agenda

RES: G75/22

Moved by: Bob Mullin

Seconded by: Mary Tadman

THAT the agenda be approved as presented with noted additions under Item 16. Other Business.

Carried

5. Delegations

There were no delegations received for this meeting.

6. Public Input (3 minutes per speaker)

There was no Public Input or participation at this meeting.

7. Adoption of the Minutes:

RES: G76/22

Moved by: Jim Alyea

Seconded by: Bob Mullin

THAT the Regular Board Meeting and In-Camera Minutes of May 12, 2022 be adopted.

Carried

8. Business arising from these minutes

Kelly Vandette, Corporate Services Manager followed up on the question from Director Mullin regarding the number of attendees listed in the April 2022 staff report, Summary of Education and Outreach Events Update for April 11th. The youth education event at Stirling Public School – Grade 8, Love Your Watershed pilot program visit #3 meeting, identified 2 attendees and is correct.

RES: G77/22

Moved by: Rick English

Seconded by: Mike Filip

THAT business arising from the previous minutes be received as information.

Carried

STANDING ITEMS

9. Correspondence

There was no correspondence received for this meeting.

10. Section 28, Ontario Regulation 163/06, Development Interference with Wetlands & Alterations to Shorelines & Watercourses Regulation - Summary of Permits approved by staff for period from May 1, 2022 to May 31, 2022

RES: G78/22

Moved by: Mike Filip

Seconded by: Jim Alyea

THAT the summary of Section 28 Permits pursuant to Ontario Regulation 163/06 approved by staff for the period from May 1, 2022 to May 31, 2022 be received as information.

Carried

11. List of Monthly Payments Issued

RES: G79/22

Moved by: Lynda Reid

Seconded by: Mark Bateman

THAT the list of payments of cheques and electronic funds transfers (EFTs) in the total amount of \$125,800.17 for the month of May 2022 be received as information.

Carried

12. Summary of Education and Outreach Activities

RES: G80/22

Moved by: Lynda Reid

Seconded by: Don Clark

THAT the summary of recent and upcoming education and outreach activities be received as information.

Carried

13. Updates

a. Drinking Water Source Protection Update

Rhonda Bateman shared that the Source Protection Committee met on May 19 and will be meeting again before the end of July. The new service agreements between the five Source Protection Authorities of the Trent Conservation Coalition have been distributed for signature and they are for a two-year period to align with the MECP agreement term.

b. Bay of Quinte Remedial Action Plan Update

The May 2022 BQRAP Waterlogs newsletter was provided in the agenda package.

Rhonda Bateman shared the following BQRAP funding agreement updates:

- \$125K per year for 2022-2023 and 2023-2024 with the province for BQRAP Governance
- \$60K for 2022-2023 with the province for Stewardship
- \$65K from Environment and Climate Change Canada (ECCC) for 2022-2023 Stewardship that is in year two of a two-year agreement.
- We are waiting on confirmation on funding from ECCC for Governance that will be a three-year term (2022-2025)
- The province and federal representatives involved in the Remedial Action Plan (RAP) for the Bay of Quinte have begun discussions on post-delisting monitoring and reporting. Depending on the outcome of the final delisting criteria, there will likely be several outstanding monitoring and reporting requirements. There is concern from agencies involved in the RAP, not to lose/or degrade the water quality improvements that have occurred over the past few decades. LTC has submitted a preliminary plan for participation in continued monitoring and reporting.

RES: G81/22

Moved by: Lynda Reid

Seconded by: Mark Bateman

THAT the Drinking Water Source Protection Update; and
THAT the Bay of Quinte Remedial Action Plan Update be received as
information.

Carried

c. Planning and Regulations Update

Janet Noyes, Manager, Development Services and Water Resources provided the following update:

- LTC, Crowe CA and Quinte CA are presenting to the Hastings County Planning Committee on June 21st – it will be similar a recent Stirling-Rawdon presentation.
- Planning staff are working on providing comments to the province on the Quinte West Official Plan which are due the end of next week.
- Staff are extremely busy and overtime is occurring almost every day. There may be a request brought forward for the Board to approve the prioritization of staff efforts.
- Enforcement and complaint cases continue to increase and are well above last year.

d. Flood Forecasting and Warning (FFW) and Ontario Low Water Response (OLWR) Update

Janet Noyes provided the following update:

- At end of May there was the potential to be in low-water conditions but the June rains have changed the status.
- There are no flooding issues.
- Maintenance of the rain gauges is very troublesome. Monitoring results are not consistent. LTC's equipment is over 20 years and will need replacement and are listed in the capital asset plan.
- Provincial Flood Forecasting and Warning (PFFW) Guidelines are being updated. Janet is the eastern region representative on the PFFW Committee. CAs have been circulated and comments are being gathered and due to the Province next week.
- Lake Ontario water levels are expected to peak next week.
- WECl application and funding for both projects has been approved and the contract with the province has been signed. LTC issued requests for quotes for the dam operations manual and submissions are due next week. Quotes for the new logs are being gathered.

RES: G82/22

Moved by: Rick English

Seconded by: Bob Mullin

THAT the planning and regulations updates; and
THAT the flood forecasting and warning (FFW), and Ontario low water
response (OLWR) updates be received as information.

Carried

STAFF REPORTS

14. Flood Hazard Identification and Mapping Program

Janet Noyes spoke to the Flood Hazard Identification and Mapping Program as provided in the agenda package. She shared the dates of the flood plain mapping studies in the LTC watershed. The majority of the studies were from the 1970's to the mid-1980's with the exception of a few in the late 1990's and early 2000's for specific areas such as Mill Creek in Warkworth.

Janet Noyes shared good news in that LiDAR (a light detection and ranging method of measurement) will be flown for the Quinte Area in the Fall of 2022. This information will be shared with municipal CAOs and Clerks.

RES: G83/22

Moved by: Mark Bateman

Seconded by: Jim Alyea

THAT the *Flood Hazard Identification and Mapping Program Fact Sheet* be received as information.

Carried

OTHER BUSINESS

15. CAO's Report

Rhonda Bateman spoke to her CAO report as provided in the agenda package.

RES: G84/22

Moved by: Rick English

Seconded by: Mike Filip

THAT the CAO's Report be received as information.

Carried

16. Members Inquiries/Other Business

a) **Staff Service Recognition** - Chair Sandford shared that prior to the opening of the Lower Trent Conservation Board meetings this evening, a recognition ceremony was given for the long-term service of an employee with Lower Trent Conservation. Ms. Anna Morgan has been with Lower Trent Conservation since June 8, 1992 and for 30 years, Anna has dedicated herself to the vision and mission of Lower Trent Conservation. In her role of Finance and Information Technician, she has been able to serve LTC Corporate Services by providing ongoing support through finance, human resources, customer service, administration and technology across the organization and its programs. She holds a wealth of knowledge that makes her vital to internal and external customers. Anna was thanked by the board with a monetary gift and framed certificate to recognize this outstanding achievement and success for her 30 service years.

b) **Murray Canal Floodline Delineation** – Janet Noyes spoke to the additional staff report (Appendix 1).

RES: G85/22

Moved by: Mark DeJong

Seconded by: Jim Alyea

THAT the updated Floodlines for the Murray Canal area be accepted by the Board as the regulatory hazard delineation.

Carried

- c) **Watershed Expansion** - Rhonda Bateman shared that LTC is anticipating that for the next Board meeting in July, a letter may be received from the Municipality of Havelock-Belmont-Methuen requesting the expansion of the LTC watershed boundary to close a gap between the Crowe Valley and Lower Trent watersheds.
- d) **Hearings** - Director Alyea asked if any hearings are planned. Janet Noyes is waiting on further information on two permit applications before they are deemed complete and to determine when each can be brought forward for a Hearing.

17. Adjournment

There being no further business, the meeting was adjourned.

RES: G86/22

Moved by: Jim Alyea

Seconded by: Mary Tadman


THAT the meeting be adjourned.

Carried

Time 9:17 p.m.



Eric Sandford, Chair



Rhonda Bateman, CAO/ST



LOWER TRENT
CONSERVATION

STAFF REPORT

Date: June 9, 2022
To: LTC Board of Directors
Re: Murray Canal Floodline Delineation
Prepared by: Janet Noyes, Manager, Development Services & Water Resources

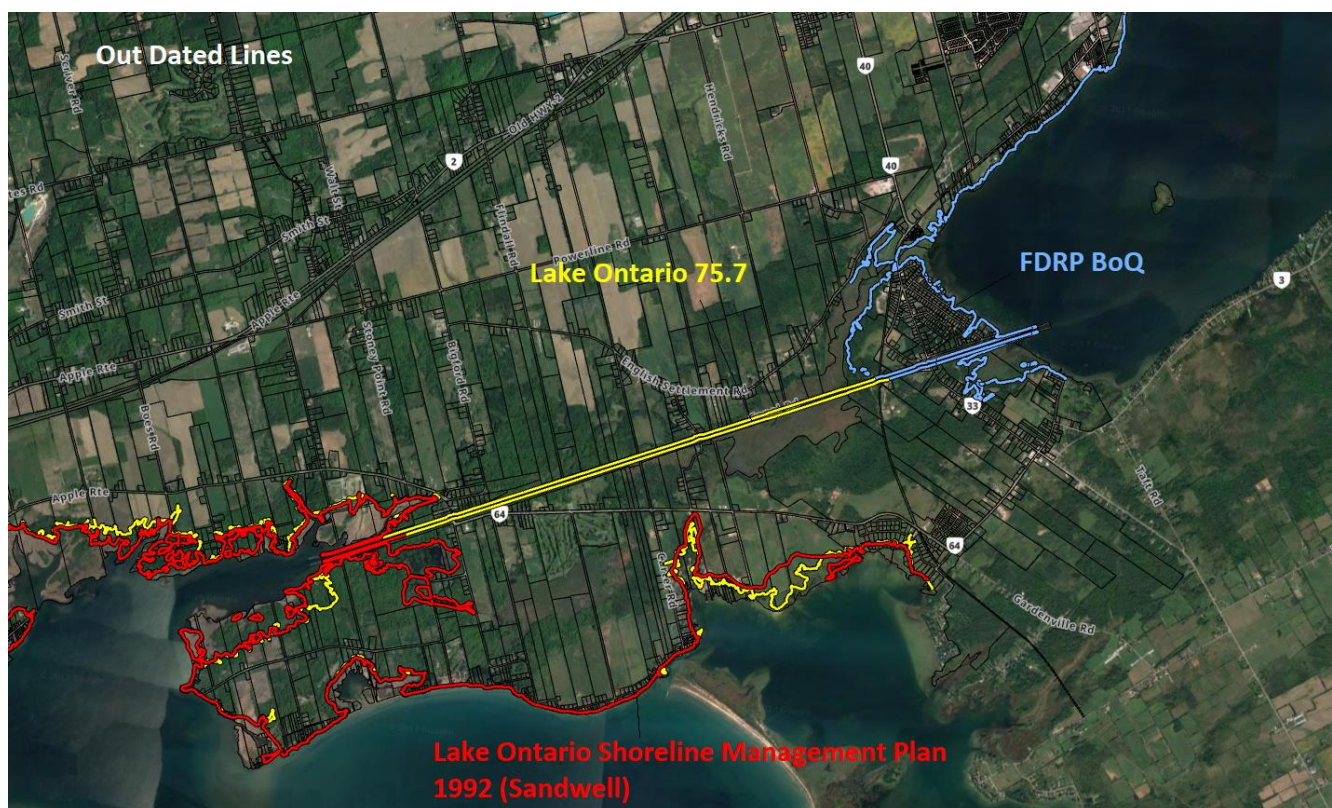
PROPOSED RESOLUTION:

THAT the updated Floodlines for the Murray Canal area be accepted by the Board as the regulatory hazard delineation.

BACKGROUND:

Flood hazard mapping for Lake Ontario (including the Bay of Quinte and the Murray Canal) was originally completed as part of the Flood Damage Reduction Program (FDRP) in the 1980's. The FDRP floodlines extended partially into the east end of the Murray Canal. The Lake Ontario Shoreline Management Report (LOSMR - Sandwell Swan Wooster 1990) identified the flood hazard line at the west end of the Murray Canal.

In 2016, LTC staff updated the flood hazard mapping of the Lake Ontario, Bay of Quinte and Murray Canal using the information from the LOSMR and FDRP mapping but with updated topographic information. At that time the 100-year high water level for Lake Ontario was 75.7 metres Canadian Geodetic Vertical Datum 1928 (CGVD28) and the Bay of Quinte 100-year elevation was 75.8 metres CGVD28. The updated mapping in 2016 is shown below with the flood hazard line following the interior canal line except for the Dead Creek area.



Agenda Item #16.b - APPENDIX 1

In 2018, LTC and our municipal partners participated in an update to the Lake Ontario Shoreline Management Plan with the final report issued in 2020 (Zuzek 2020). This report determined that the 100-year flood elevation (without wave uprush) for Lake Ontario was 75.97 metres CGVD28. LTC contracted SJL Engineering to complete an assessment of an updated 100-year flood elevation for the Bay of Quinte at that same time. The resultant flood elevation (without wave uprush) was 76.05 metres CGVD28.

DISCUSSION:

Recently LTC staff noted that the flood hazard lines for the Murray Canal, which connects Presqu'île Bay on Lake Ontario to the Bay of Quinte, had not been updated in our mapping. LTC staff note that wave uprush would not be an issue within the Murray Canal so only the 100-year high water levels should be considered. The difference in the 100-year high water elevations between the Bay of Quinte (76.05 metres) and Lake Ontario (75.97 metres) is 8 cm so an elevation between the two was selected as the flood hazard elevation for the Murray Canal. LTC Staff are recommending that **76.0 metres CGVD28** be used as the flood hazard elevation for the Murray Canal. It is noted that this flood elevation causes some backwater conditions on streams that hydrologically connect into the Murray Canal and extend the flood hazard lands beyond the physical constraints of the canal.

