Please find enclosed the Agenda and supporting documents for the **CLOCA Annual Board of Directors** meeting on **Tuesday, January 21, 2020, 5:00 p.m.**, at 100 Whiting Avenue, Authority’s Office Boardroom.

The list below outlines upcoming meetings and events for your information.

### UPCOMING MEETINGS & EVENTS

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, January 21/20</td>
<td>5:00 p.m.</td>
<td>Central Lake Ontario Conservation Authority (CLOCA) Board of Directors’ Annual General Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Tuesday, January 21/20</td>
<td>Immediately following CLOCA Annual Meeting</td>
<td>Central Lake Ontario Conservation Fund (CLOCF) Board Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Tuesday, February 11/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Friday, February 14/20</td>
<td>6:00 p.m. to 8:30 p.m. (Families) 7:30 p.m. to 9:30 p.m. (Adults)</td>
<td>Owl Love you Forever, Valentine hike (Live raptors will be on site with Sober Creek Wildlife Rescue) (Registration Required)</td>
<td>Enniskillen CA 7274 Holt Road, Clarington</td>
</tr>
<tr>
<td>Tuesday, March 17/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>March 13 to 15, 18 to 22, 28 &amp; 29/20 April 4 &amp; 5/20 (Closed March 16 &amp; 17)</td>
<td>9:30 a.m. to 12 Noon or 12:00 Noon to 2:30 p.m.</td>
<td>45th Annual Maple Syrup Festival (Tickets online @ cloca.com)</td>
<td>Purple Woods CA 38 Coates Road East, Oshawa</td>
</tr>
<tr>
<td>Thursday, April 9/20</td>
<td>7:00 p.m. to 9:00 p.m.</td>
<td>Sugar Bush Lantern Walk (Tickets online @ cloca.com)</td>
<td>Purple Woods CA 38 Coates Road East, Oshawa</td>
</tr>
<tr>
<td>Tuesday, April 21/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Saturday, April 25/20</td>
<td>10:00 a.m. to 12:00 Noon (Tree Planting) 2:00 p.m. to 4:00 p.m. (Cleanup &amp; Scavenger Hunt)</td>
<td>Forest Cover Earth Day Tree Planting &amp; Clean up (Registration Required)</td>
<td>Heber Down CA 5000 Cochrane St., Whitby</td>
</tr>
<tr>
<td>Tuesday, May 12/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Tuesday, June 16/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Friday, June 26/20</td>
<td>7:00 p.m. to 10 p.m.</td>
<td>Summer Solstice Celebration – Insectmania</td>
<td>Purple Woods CA 38 Coates Road East, Oshawa</td>
</tr>
<tr>
<td>Tuesday, July 21/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Tuesday, September 15/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Tuesday, October 20/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Tuesday, November 17/20</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
<tr>
<td>Tuesday, December 15/20 (Tentative)</td>
<td>5:00 p.m.</td>
<td>CLOCA Board of Director’s Meeting</td>
<td>100 Whiting Avenue Authority’s Office Boardroom</td>
</tr>
</tbody>
</table>

*prior Tuesday meeting due to Monday being a statutory holiday

---

**LATEST NEWS**

- Check Out our Website! [www.cloca.com](http://www.cloca.com)
- Discover your local Conservation Area.
- Register as a Conservation Volunteer Programs & Services
- Mobile access to online information with CLOCA’s new mobile website and Free Conservation Areas App

**“Healthy Watersheds for Today and Tomorrow”**
CENTRAL LAKE ONTARIO CONSERVATION AUTHORITY
AGENDA
ANNUAL AUTHORITY MEETING
Tuesday, January 21, 2020 - 5:00 P.M.
MEETING LOCATION: 100 WHITING AVENUE, OSHAWA
AUTHORITY’S ADMINISTRATIVE OFFICE, BOARDROOM

CIRCULATION LIST

Authority
Bob Chapman, Chair

Members:
Ron Hooper, Vice Chair
Dave Barton
Janice Jones
Chris Leahy
Sterling Lee
Tito-Dante Marimpietri
Ian McDougall
Don Mitchell
Rhonda Mulcahy
John Neal
Brian Nicholson
David Pickles
Elizabeth Roy
Corinna Traill

Authority
C. Darling

Staff:
B. Boardman
R. Catulli
J. Davidson
L. Hastings
D. Hope
C. Jones
P. Lowe
P. Sisson
L. Vaja
R. Wilmot

SUPPORTING DOCUMENTS

AGENDA ITEM:
1. CHAIR’S WELCOME

Central Lake Ontario Conservation is situated on treaty land that is steeped in rich Indigenous history and is the present-day home to many First Nations, Metis and Inuit People. Today we acknowledge that we are gathering on the traditional territories of the Mississaugas of Scugog Island First Nation.

2. DECLARATIONS of interest by members on any matters herein contained

3. ADOPTION OF MINUTES of November 19, 2019 pg. 1

4. CHAIR’S REMARKS – B. Chapman

5. PRESENTATIONS – None

Cont’d
6. ELECTION OF OFFICERS
At this point in the proceedings the 2019 elected officers will vacate their positions, and the Chief Administrative Officer will officiate for the 2020 election of Chair.

Resolution Required: THAT in the event of a vote by ballot, Patricia Lowe and Perry Sisson be designated as scrutineers; and further that all election ballots be destroyed.

Authority Chair
(Three calls will be made for nominations. No seconder is required. Where more than one nominee stands for office, an election by secret ballot will be conducted.)

Nominations:
Resolution Required: THAT nominations for the position of Authority Chair be closed.

Election:
The newly elected Chair will assume the Chair to conduct the remainder of the meeting.

Authority Vice-Chair
(Three calls will be made for nominations. No seconder is required. Where more than one nominee stands for office, an election by secret ballot will be conducted.)

Nominations:
Resolution Required: THAT nominations for the position of Authority Vice-Chair be closed.

Election:

7. SIGNING OFFICERS
Resolution Required: THAT the Signing Officers of the Authority be any two of the following: The Chair, Vice-Chair, Chief Administrative Officer/Secretary-Treasurer, and Director of Corporate Services.

8. SOLICITORS
Central Lake Ontario Conservation Authority utilizes the services of six (5) legal firms:
- Borden Ladner Gervais – property tax and related matters
- Boychyn & Boychyn – real estate and property transactions
- Gardiner, Roberts – land related matters – planning and regulation matters
- Hicks, Morley – employment and labour related matters
- Littler Canada - legal matters for personnel/human resources

Resolution Required: THAT the firms Winter, Toronto; Borden Ladner Gervais, Toronto; Boychyn & Boychyn, Oshawa; Gardiner, Roberts, Toronto; Hicks Morley, Toronto; and Littler Canada be appointed Solicitors for the Authority, as required.

9. BORROWING BY-LAW
Resolution Required: THAT the Central Lake Ontario Conservation Authority’s signing officers are hereby authorized on behalf of the Central Lake Ontario Conservation Authority to borrow from time to time, from the banking institution under agreement with the Central Lake Ontario Conservation Authority, up to $1,000,000 to meet current expenditures until Provincial grants and/or Regional funding are received, with interest as may be determined by agreement between the bank and the Central Lake Ontario Conservation Authority.

Cont’d
10. CONSERVATION ONTARIO COUNCIL  
Resolution Required: THAT the Chair be appointed as the Authority’s representative on the Conservation Ontario Council. Alternative designates are the Vice-Chair and the Chief Administrative Officer.

11. ENFORCEMENT OFFICERS  
(i) Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulation #42/06  
Resolution Required: THAT L. Benham, L. Bulford, J. Burgess, E. Cameron, J. Hetherington, C. Jones, M. Guindon, S. Penney and P. Sisson be appointed Enforcement Officers under the Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulation #42/06.

11. ENFORCEMENT OFFICERS  
(ii) Conservation Areas Regulation #101/90  
Resolution Required: THAT T. Backus, B. De Waal, H. Hirschfeld, D. Hope, J. Maas and A. Cooper be appointed Enforcement Officers under the Conservation Areas Regulation #101/92.

12. CORRESPONDENCE  
(1) The Township of Huron-Kinloss  
Re: Resolution # 645 for Township of Ramara  
pg. 22

(2) County of Simcoe  
Re: Conservation Exit Clause for Township of Ramara  
pg. 23

(3) County of Simcoe  
Re: Nottawasaga Valley Conservation Authority Levy (NVCA)  
pg. 26

14. DEVELOPMENT REVIEW & REGULATION  
(1) Staff Report # 5671-20  
Re: Permits Issued for Development, Interference with Wetlands and Alteration to Shorelines and Watercourses - November 1 to December 31, 2019  
pg. 29

15. DIRECTOR, COMMUNITY ENGAGEMENT  
(1) Staff Report # 5675-20  
Re: 2019 Annual Report  
pg. 31

16. ACTING DIRECTOR, WATERSHED PLANNING & NATURAL HERITAGE – None
17. DIRECTOR, ENGINEERING AND FIELD OPERATIONS
   (1) Staff Report # 5674-20
       Re: Ontario’s Special Advisor on Flood Report to Government – Independent Review of the 2019 Flood Events in Ontario

18. DIRECTOR, CORPORATE SERVICES
   (1) Staff Report # 5676-20
       Re: BDO Canada Audit of Financial Statements for the Year Ended December 31, 2019

19. CHIEF ADMINISTRATIVE OFFICER
   (1) Staff Report # 5672-20
       Re: Common Membership – Different Boards

   (2) Staff Report # 5677-20
       Re: Status Report of Implementation of CLOCA Strategic Plan 2016-2020

   (3) Staff Report # 5673-20
       Re: Revision of By-Law 2018-1 Corporate Administrative & Meeting procedural By-Law

20. CONFIDENTIAL MATTERS – None

21. MUNICIPAL AND OTHER BUSINESS
   (1) New and Unfinished Business

22. ADJOURNMENT
MEETING OF: Authority - Annual
DATE: Tuesday, January 21, 2020
TIME: 5:00 p.m.
LOCATION: 100 Whiting Avenue, Oshawa
The Chair called the meeting to order at 5:00 p.m.

DECLARATIONS of interest by members on any matters herein contained - None

ADOPTION OF MINUTES
Res. #89 Moved by R. Hooper
Seconded by S. Lee

THAT the Authority minutes of September 17, 2019 be adopted as circulated.
CARRIED

DELEGATIONS
(1) Sarah Delicate, President of United Shoreline Ontario
Re: Policies of Plan 2014 and the threat they pose to Lake Ontario shoreline

Ms. Delicate made a presentation to the Board.

T-D. Marimpietri arrived at 5:02pm
S. Yamada arrived at 5:11pm

Res. #90 Moved by C. Traill
Seconded by S. Lee

THAT Ms. Delicate be given a 2 minute extension for her presentation.
CARRIED
Res. #91 Moved by B. Nicholson
Seconded by T-D. Marimpietri

THAT T. Kara be permitted to speak as a delegation to the Board.
CARRIED

CORRESPONDENCE
(1) Correspondence from Conservation Ontario (Agenda pg. 13)
Re: Council Meeting Minutes – September 30, 2019

Res. #92 Moved by C. Leahy
Seconded by T-D. Marimpietri

THAT the above correspondence be received for information.
CARRIED

Res. #93 Moved by B. Nicholson
Seconded by C. Traill

THAT Staff Report# 5667-19 be brought forward in the Agenda.
CARRIED

DIRECTOR, ENGINEERING & FIELD OPERATIONS
(1) Staff Report #5667-19 (agenda pg. 18)
Lake Ontario Water Levels – Addendum Report

P. Sisson made a presentation to the Board.

Res. #94 Moved by C. Traill
Seconded by J. Jones

THAT Ms. Delicate be given opportunity to speak to P. Sisson’s presentation.
CARRIED

Res. #95 Moved by D. Pickles
Seconded by T-D Marimpietri

THAT the Board take a 10 minute recess
CARRIED

The meeting recessed at 6:22pm

The meeting reconvened at 6:32pm

Cont’d
Res. #96  Moved by C. Traill
Seconded by B. Nicholson

THAT staff report #5667-19 be received for information;
THAT CLOCA continue to work with Conservation Ontario and the Conservation Authorities that share the Great Lakes and St. Lawrence River shoreline to communicate the damages we have witnessed during extreme water levels to the International Joint Commission and International Great Lakes St. Lawrence River Board Adaptive Management Committee and encourage the continued adaptation of water level regulation to best protect the shoreline property owners while considering environmental and other interests; and
THAT a copy of this report be sent to the International Joint Commission and the International Great Lakes St. Lawrence River Board Adaptive Management Committee.
CARRIED AS AMENDED
(See Following Motions)

Res. #97  Moved by C. Traill
Seconded by B. Nicholson

THAT the main motion (Res. #96) be amended to include THAT Staff return to the Board with a report outlining costing to hire a consultant to comment on the Role of Plan 2014 and develop a formal position on the F-Limit, I-Limit and L-Limit and trigger levels as it relates to shoreline flooding and advocate for policies that better protects against local flooding and associated impacts; and
THAT the main motion (Res. #96) be amended to include THAT Staff return to the Board with a report outlining cost to prepare a more detailed study prepared in consultation with Baird, to propose solutions to the issue of flooding with specific reference to other shoreline areas of concern of Report 5658-19 but also including the northern Municipalities.

C. Traill requested a recorded vote.

<table>
<thead>
<tr>
<th>MEMBER</th>
<th>YEA</th>
<th>NAY</th>
<th>CONFLICT</th>
<th>ABSENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. Barton</td>
<td></td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>B. Chapman</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. Hooper</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Jones</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Leahy</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S. Lee</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T-D. Marimpietri</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. McDougall</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>D. Mitchell</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. Mulcahy</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Neal</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. Nicholson</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Pickles</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Traill</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S. Yamada</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>13</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CARRIED

The main motion (Res. #96) of Councillors Traill and Nicholson was then put to a vote and CARRIED AS AMENDED.
AMENDMENT
Moved by C. Traill
Seconded by S. Lee

THAT Staff Ask Conservation Ontario to prepare a report quantifying the damage of waterfront flooding across the entire Lake Ontario watershed and circulate to all the other Conservation Authorities

Res. #98 Moved by R. Hooper
Seconded by J. Neal

THAT the above noted amendment be referred to staff for an analysis and recommendation on how to proceed.
CARRIED

Guests in attendance left the meeting.

DIRECTOR, DEVELOPMENT REVIEW & REGULATION
(1) Staff Report #5665-19 (agenda pg. 13)
Re: Permits Issued for Development, Interference with Wetlands and Alteration to Shorelines and Watercourses – September 1 to October 31, 2019

Res. #99 Moved by B. Nicholson
Seconded by C. Leahy

THAT Staff Report #5665-19 be received for information.
CARRIED

DIRECTOR, ENGINEERING & FIELD OPERATIONS
(2) Staff Report #5666-19 (agenda pg. 16)
Re: Summer/Fall 2019 – Conservation Areas Update

Res. #100 Moved by D. Pickles
Seconded by C. Leahy

THAT Staff Report #5666-19 be received for information.
CARRIED

DIRECTOR, COMMUNITY ENGAGEMENT
(1) Staff Report #5663-19 (Agenda pg. 36)
Re: 2019 Durham Children’s Watershed Festival Summary

Res. #101 Moved by S. Lee
Seconded by R. Mulcahy

THAT Staff Report #5663-19 received for information.
CARRIED

Cont’d
(2) Staff Report #5664-19  (Agenda pg. 40)
Re:   CLOCA Land Acknowledgement

Res. #102 Moved by S. Lee
Seconded by R. Mulcahy

THAT Staff Report #5664-19 be received for information.
THAT the Board of Directors include a First Nation land acknowledgement as a component of
each formal meeting of the Board; and further,
THAT the Chair read the acknowledgement at the beginning of all future meetings of the Board of
Directors, and Board related events and activities in our conservation areas.
CARRIED

DIRECTOR, CORPORATE SERVICES
(1) Staff Report #5668-19  (Agenda pg. 41)
Re:   CLOCA Personnel Policy

Res. #103 Moved by C. Leahy
Seconded by R. Hooper

THAT Staff Report #5668-19 be received for information and approved as circulated.
CARRIED

(2) Staff Report #5669-19  (Agenda pg. 108, H-1)
Re:   2020 Proposed Fees for Authority Services & Programs; Plan Review Services &
Regulation Administration

Res. #104 Moved by C. Leahy
Seconded by R. Hooper

THAT Staff Report #5669-19 be received; and,
THAT the 2020 Proposed Fees for Authority Services and Programs and Planning Services and
Regulation Services be adopted, effective January 1, 2020.
CARRIED

(3) Staff Report #5670-19  (Agenda pg. 115)
Re:   2020 Preliminary Budget and Levy Submission

Res. #105 Moved by C. Leahy
Seconded by R. Hooper

THAT Staff Report #5670-19 be received;
THAT the 2020 Preliminary Operating Levy Submission and Special Municipal Land
Management Levy Submission totalling $4,153,185, and the Special Capital Request for the
CLOCA Environmental Restoration Project totalling $150,000 be approved for circulation to the
Region of Durham; and
THAT the Region of Durham be requested to provide supplemental 2020 funding to Central Lake
Ontario Conservation Authority in the amount of $60,388.47 to cover the reduction in funding
from the Province for Natural Hazard Management Programming.
CARRIED  
Cont’d
CHIEF ADMINISTRATIVE OFFICER

(1) Staff Report #5662-19 (Agenda pg. 135)
Re: 2020 Meeting Schedule – Board of Directors

Res. #106 Moved by R. Mulcahy
Seconded by C. Leahy

THAT Staff Report #5662-19 be received for information; and,
THAT the 2020 Meeting Schedule for Board of Directors be adopted.
CARRIED

C. Darling gave a verbal update on CLOCA’s pre-consultation meeting with the Province regarding Provincially Mandated programs.

NEW AND UNFINISHED BUSINESS

(1) J. Neal asked for clarification on the Large Fill site in North Oshawa. C. Jones responded
(2) R. Hooper thanked staff for their assistance in attending meetings and site visits for the Clarington Zoning study.
(3) C. Darling advised the Board of the recent passing of former CAO, Russ Powell.

ADJOURNMENT

Res. #107 Moved by J. Neal
Seconded by C. Leahy
THAT the meeting adjourn.
CARRIED

The meeting adjourned at 6:59 p.m.

BOB CHAPMAN, CHAIR
CHRIS DARLING, CHIEF ADMINISTRATIVE OFFICER
### EDUCATION PROGRAM FEES - includes entrance fee

<table>
<thead>
<tr>
<th>Program Description</th>
<th>2019 APPROVED</th>
<th>2020 PROPOSED</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Tour – full day program (HDCA/ECALYSCA/PWCA)</td>
<td>$10.00 per student</td>
<td>$11.00 per student</td>
<td>min. $200.00</td>
</tr>
<tr>
<td>School Tour – ½ day program (HDCA/ECALYSCA/PWCA)</td>
<td>$6.00 per student</td>
<td>$7.00 per student</td>
<td>min. $125.00</td>
</tr>
<tr>
<td>School Tour – Adult Volunteer in excess of recommended volunteer/student ratio</td>
<td>$3.00 per adult</td>
<td>$3.00 per adult</td>
<td>applies to full and ½ day programs</td>
</tr>
<tr>
<td>School Booking with ½ day program</td>
<td>$20.00 per booking</td>
<td>$20.00 per booking</td>
<td>additional use of picnic shelter with ½ day program</td>
</tr>
<tr>
<td>Maple Syrup Tour – 1 hour (PWCA)</td>
<td>$3.50 per student</td>
<td>$4.00 per student</td>
<td>min. $75.00</td>
</tr>
<tr>
<td>Maple Syrup Tour – Adult Volunteer in excess of recommended volunteer/student ratio</td>
<td>$1.50 per adult</td>
<td>$2.00 per adult</td>
<td>1-hour tour, + children’s pancake meal</td>
</tr>
<tr>
<td>In-School Program – 1 hour</td>
<td>$3.50 per student</td>
<td>$3.50 per student</td>
<td></td>
</tr>
<tr>
<td>Other Group Tours – 1.5 hours</td>
<td>$5.00 per student</td>
<td>$5.00 per student</td>
<td>Minimum fee $100.00</td>
</tr>
<tr>
<td>School Tour Cancellation Fee</td>
<td>$25.00 per class</td>
<td>$25.00 per class</td>
<td>weather cancellations are exempt</td>
</tr>
<tr>
<td>Durham Children’s Watershed Festival (DCMF) Student</td>
<td>$11.50 per student</td>
<td>$11.50 per student</td>
<td>includes bus</td>
</tr>
</tbody>
</table>

### ADMINISTRATION FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>2019</th>
<th>2020</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black &amp; White Photocopies</td>
<td>$0.25 each</td>
<td>$0.25 each</td>
<td></td>
</tr>
<tr>
<td>Colour Photocopies</td>
<td>$1.00 each</td>
<td>$1.00 each</td>
<td></td>
</tr>
<tr>
<td>Compact Discs</td>
<td>$10.00 each</td>
<td>$10.00 each</td>
<td></td>
</tr>
<tr>
<td>Special Board Meeting</td>
<td>$1,000.00 per meeting</td>
<td>$1,000.00 per meeting</td>
<td></td>
</tr>
<tr>
<td>Administration/Cancellation/NSF Cheque Fee</td>
<td>$25.00</td>
<td>$25.00</td>
<td></td>
</tr>
<tr>
<td>Reports - All Reports</td>
<td>$20.00 minimum</td>
<td>$20.00 minimum</td>
<td>Fee set at the discretion of staff</td>
</tr>
<tr>
<td>Report Lending Deposit</td>
<td>$20.00 each</td>
<td>$20.00 each</td>
<td>Deposit</td>
</tr>
</tbody>
</table>

### GIS Services – Free for Municipal and Regional projects. For analysis requests, $100 initial fee, plus $100/hour, plus tertiary fee of $20 per megabyte of digital information

<table>
<thead>
<tr>
<th>Type</th>
<th>2019</th>
<th>2020</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Data Request</td>
<td>$100.00 initial fee</td>
<td>$100.00 initial fee</td>
<td>Initial handling fee to cover administrative time</td>
</tr>
<tr>
<td>Technical Staff Time: Processing Data Requests</td>
<td>$100.00 per hour</td>
<td>$100.00 per hour</td>
<td>Minimum one hour. Data prep and analysis</td>
</tr>
</tbody>
</table>

### Technical Staff Time (Natural Heritage, Engineering, Groundwater)

<table>
<thead>
<tr>
<th>Type</th>
<th>2019</th>
<th>2020</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shaping Watersheds Display/Exhibit (Reality Sandbox): half day</td>
<td>$250.00</td>
<td>$250.00</td>
<td>Includes staff time, set-up/take-down &amp; travel within CLOCA Watershed. Travel costs extra outside CLOCA Watershed.</td>
</tr>
<tr>
<td>Floodplain mapping</td>
<td>$60.00 per sheet</td>
<td>$60.00 per sheet</td>
<td>Per printed map sheet in colour</td>
</tr>
<tr>
<td>Floodplain Modeling Package (HEC-RAS, VCO2 Reports)</td>
<td>$300.00 per FP study</td>
<td>$300.00 per FP study</td>
<td>Per Floodplain (FP) Study</td>
</tr>
<tr>
<td>Geospatial Data Fee</td>
<td>$20.00 per megabyte</td>
<td>$20.00 per megabyte</td>
<td>Per megabyte of digital information</td>
</tr>
<tr>
<td>2002 Orthophoto, 1x1 km tile 20 cm, digital Tiff Format</td>
<td>$70.00 per tile</td>
<td>$70.00 per tile</td>
<td></td>
</tr>
</tbody>
</table>

### Municipal Freedom of Information/Protection of Privacy Act ~ Part IV - General s. 45 (1) Fees (effective Feb.1/06)

(1) A Head shall require the person who makes a request for access to a record to pay fees in the amounts by the regulations for,

- the cost of every hour of manual search required to locate a record
- computer/other costs incurred in locating, retrieving, processing copying
- the cost of preparing the record for disclosure
- shipping costs
- any other costs in responding to a request for access to a record.
Sarah Delicate, Clarington Resident
www.unitedshorelineontario.ca

Lake Ontario - St. Lawrence River Plan 2014
Protecting against extreme water levels, restoring wetlands and preparing for climate change

Plan 2014 in ‘simple’ terms

There is nothing natural about the levels of Lake Ontario

While the dam does not control the INFLOWS into Lake Ontario, the OUTFLOWS are controlled by the policies set out in Plan 2014 which influence the lake level.

1) On average, 85% of Lake Ontario inflow comes from Lake Erie (record high)

2) Rain/Snow melt makes up the rest of the inflow

3) The outflow into the St. Lawrence River is controlled by the Moses Saunders Dam in Cornwall

4) The Ottawa River joins the St. Lawrence River below the dam. When the Ottawa River floods Montreal, LO outflows are reduced to protect Montreal and LO rises rapidly.

5) A 1” drop in Lake Ontario = an 11” rise in the St. Lawrence. (1” = 1”)
FULL ACKNOWLEDGEMENT.
Yes.
WE HAVE HAD RECORD INFLOWS.
We don’t dispute that.

We can’t control inflows. But we can control outflows. We need to stop focusing just on inflows, and start focusing on WHAT WE CHOSE TO DO WITH THE INFLOWS.

From a 4’ range to a 7’ range... then add ½ – 2 meter waves!

The Old Plan (1958)
The New Plan (2014)

More highs, and higher highs by design

More lows and lower-lows by design

For 50+ years, government authorities trusted the limits of 1958DD in setting engineering designs and policies for such things as set backs, boat launches, public and private docks, public infrastructure as well as private shore protections permits.

Plan 2014 has highs during the spring months of April thru May (above 247.3 feet) more than 400% more often than Plan 1958DD.

The Chief Wetland scientist for the LSLR study stated that the highs and the frequency of the highs in Plan 1958DD were enough for the wetlands, and that the lows during the mid-summer were what was missing.

LOSLR – Lake Ontario St. Lawrence River

eLearning Series PART TWO
“Based on historical supplies, Plan 2014’s projected maximum level would be 2.4 inches (6 centimeters) higher than the maximum level under 1958DD — about as tall as a tennis ball.”

Plan 2014 changes the real trigger levels for April, May and June by over a foot (30 cm), allowing the lake to go up a foot higher during the wet season and averaging it out with lower levels during the winter.

A foot higher during unpredictable rainy seasons = more erosion and flooding


“Plan 2014 is essentially no different than the previous plan...”

<table>
<thead>
<tr>
<th>1958DD</th>
<th>Unregulated</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Range: 4 feet</td>
<td>Total Range: 6.5 feet</td>
<td>Target Range: 7.1 feet</td>
</tr>
<tr>
<td>Total Range: 6 feet</td>
<td>Total Range in Future: ????</td>
<td></td>
</tr>
</tbody>
</table>

We could see April levels as high or higher than 247.3 feet (which is the current flood stage) and these catastrophic levels could remain for 5 months in a row and the board would not be required to act, thanks to the triggers.

Plan 2014 is LESS FLEXIBLE.

Climate Change?

“Some of the benefits now [1958DD] ...are the result of ad hoc, discretionary decisions by the International St. Lawrence River Board of Control. Plan 2014 will make these benefits more assured and predictable, by removing the discretionary aspect of many of these decisions and formally making them part of the Plan’s regulation rules.” (Pg. 10, Plan 2014)

Plan 2014 will use the releases prescribed ... until Lake Ontario levels reach specified high or low trigger elevations. If levels reach the high trigger levels, then the Board will... (deviate).” (pg. 32, Plan 2014)
Deviation for Lake outflow is allowed only when triggers are exceeded and only after getting Commission approval.

From the Deviation Directive:
“...if the Board expects lake levels will be outside the range defined by the trigger levels, then...the Board will request permission from the Commission to make a major deviation from the plan...once the trigger level is reached to moderate the extreme levels.”

The board did not miss any opportunities to remove water in 2018,” said Frank Bevacqua, public information officer for the IJC. “The goal was to remove as much water as possible, based on conditions in the St. Lawrence River.” May 22nd 2019, Watertown Daily Times

When they say they are releasing the ‘maximum possible’, they actually mean the maximum permissible by Plan 2014.

They CANNOT DEVIATE until extreme triggers are reached.

Board given IJC permission to deviate until June 2020

Plan 2014 F-Limits are designed to provide “balanced” flooding upstream (Lake Ontario) and downstream (Montreal) of the Moses-Saunders dam, primarily in cases of high Ottawa River flow in Spring.

© Bennefits Group, 2020 - Unauthorized use and distribution of these images is prohibited.
Why Did We Flood In 2019?

- Compared to 2018 (no flood):
  - High Ottawa River spring thaw (red line) added 1.1 feet to the lake
  - High Lake Erie inflow & precipitation added 0.9 feet to the lake
  - F-Limit (Montreal) during Ottawa River spring thaw dictates reduced Lake Ontario Outflow – and the lake rises rapidly

Montreal’s Problem Causing Lake Ontario Flooding

- With F-Limit
- No F-Limit

Calculated 2019 Plan 2014 Levels Without F-Limit Protecting Montreal

- Montreal Peak 02-May-2019 Level 77.48
- Lake Ontario Peak 26-Jun-2019 Level 247.75

Estimated 2019 Impact of F-Limit Protecting Montreal

- End F-Limit 07-Jun-2019 Level 249.05
- Begin F-Limit 14-Apr-2019 Level 246.33

"Equal Shared Pain Point"
Current Plan 2014 F-Limits disproportionately damage Lake Ontario and Upper St. Lawrence River shorelines

- The F-Limit is in place to protect Montreal from flooding primarily during Ottawa River spring melt. The Ottawa River is entirely in Canada and downstream of the Moses-Saunders dam.

- The concept of a shared flood pain is appropriate. Plan 2014 identifies the upper limit of the shared pain at 248.03’ for Lake Ontario and 73.75’ for Montreal.

- Once Montreal reaches 73.75’, the flood damage stops being shared and Lake Ontario and the Upper St. Lawrence River shorelines absorb ALL additional water, independent of source. In 2019, the source of the additional water in Montreal was mostly the Ottawa River.

Use of L-Limit is in apparent violation of Criterion H14

During extended periods in 2017 and 2019 when Lake Ontario levels exceeded the defined trigger levels, the IJC has limited Lake Ontario outflow with no, or only minor concessions to the L-Limit.

This is an apparent violation of Plan 2014 Criterion H-14, extends the duration of flooding and keeps Lake Ontario high through fall.

Criterion H14 Apparent Violation in 2017 (All Actual Data)

- 01-May to 07-Jun per F-Limit
- Lake Ontario Outflow in apparent violation of Criterion H14 from 08-Jun to 27-Aug
- Use of L-Limit with Lake Ontario level above Criterion H-14 is an 81 day apparent violation of Plan 2014
Criterion H14 Apparent Violation in 2019: Actual and Forecast

- 09-May to 07-Jun per F-Limit
- Lake Ontario Outflow in apparent violation of Criterion H14 from 08-Jun to today
- Projected apparent violation until 18-Sep
- Projected 103 day apparent violation of Criterion H14

They could release more water now, but won’t because of shipping and the L-limit. ‘They will do everything they can starting January 1st...’

The ice limits in Plan 2014 (I-limits):

During ice cover formation, outflows are kept very low, at 6230 m³/sec. Once a stable ice cover forms, the outflows can go up to 9430m³/sec. Both periods have their dangers, and the formation period with very low outflows can last a long time.

If the Outflows continue to be set by L-Limit (navigation) and we have a wet Spring 2020, 250 feet is foreseeable

Forecast Assumptions:
- Lake Erie flow into Lake Ontario will continue at high levels
- Precipitation for July to December 2019 follows the same trends as 2017 & 2018
- Lake Ontario outflows are capped at the L-Limit (navigation) + 200 m³/s

Boundary Waters Treaty of 1909 - Article VIII

“The following order of precedence shall be observed among the various uses enumerated hereinafter for these waters, and no use shall be permitted which tends materially to conflict with or restrain any other use which is given preference over it in this order of precedence:

1. Uses for domestic and sanitary purposes;
2. Uses for navigation, including the service of canals for the purposes of navigation;
3. Uses for power and for irrigation purposes.”

Conservation Authority Mandate

The core mandate of Conservation Authorities is to undertake watershed-based programs to protect people and property from flooding and other natural hazards, and to conserve natural resources for economic, social and environmental benefits.

Objectives

- Develop and maintain programs that will protect life and property from natural hazards such as flooding and erosion

Conservation Authorities work in partnership with municipalities and others to protect life and property through the development of programs and services that minimize or prevent the impact of flooding and erosion.

https://conservationontario.ca/conservation-authorities/about-conservation-authorities/

Plan 2014 not within scope of your mandate?

- I have heard often that international water regulation is not within the realm of conservation authorities and organizations.
- Yet, conservation organizations fought and pushed for Plan 2014, as it was believed that International water regulation was supressing wetlands and hurting the environment.
- Why is water regulation policy within the realm when the consideration is environmental, but outside of the realm when the consideration is flood mitigation?

Request of CLOCA

One of the roles CLOCA can play which is not mentioned in the report is to advocate for the interests that they were originally mandated to do, that is help to control against flooding and erosion not just stop people from living by the lake.

1. Like that of Save the River, write a public letter requesting that the IJC suspend shipping and reduce the water levels
2. Request of Conservation Ontario that they do the same on behalf of all 36 Conservation Authorities
United in One Voice

Two of the resolutions remain unfulfilled:

• today we have a response to the resolution c. by CIUDA 
  without the inclusion of any 
  direct quote in a letter

• CIUDA staff about 
  clarification from CIUDA 
  regarding their comments in the 
  report 

• Cedar Crest in Clarington and 
  specifically, whether CIUDA 
  was consulted as to 
  the impact the St. 
  Mary's Hil has had on erosion 
  and, if there is a fee associated with

4) Staff report back to the Board

We do not believe the report # 5658-19 to the board has fulfilled the intent of 3 of 4 the Municipal resolutions submitted to CLOCA.

1. Refer the matter back to Staff for comment on the role Plan 2014 has played in the regulation of Lake Ontario water levels, including answering whether it was a contributing factor to flooding;

2. What role CLOCA can play re: working with United Shoreline Ontario, a grassroots community based organization which has the mandate of uniting residents and municipalities of the North shore of Lake Ontario;

3. Provide further information on the areas of flooding outlined in Report #5638-19 and propose solutions to the issue of flooding, with specific reference to the areas mentioned in the final paragraph but also including northern Municipalities;


- Item 1 specifically requested for CLOCA to comment on whether Plan 2014 was a contributing factor to flooding. The report provides very detailed background information regarding what the plan is and history as it is published by the IJC. Unfortunately, There are no independent reviews nor any comments what so ever regarding whether CLOCA believes the Plan was a contributing factor to flooding or not

- Unfortunately, one of the roles CLOCA can play which is not mentioned is to advocate for the interests that they were originally mandated to do, that is help to control against flooding and erosion not just stop people from living by the lake.
The following comments are made with respect to CLOCA Staff Report # 5677-19 in regards to Lake Ontario Water Levels Addendum Report

We at the Port Darlington Association and United Shoreline Ontario do not believe the report # 5677-19 by Perry Sisson to the board has fulfilled the intent of two of the Municipal resolutions submitted to CLOCA which were as follows:

c) CLOCA staff obtain clarification from BAIRD regarding their comments in the report about the impact the St. Mary’s Pier has had on erosion by starving the beaches along Cedar Crest in Clarington and specifically, whether BAIRD believes the pier is a significant contributor to erosion; and,

d) Staff report back to the Board if there is a fee associated with c) above.

Resolution Item c) requested clarification which was meant to aid the Municipality in determining whether the St Mary’s Pier has played a role in the erosion of the beaches by way of interrupting the natural movement of sand and to what extent.

In fact, the Baird study was commissioned in response to the resident’s request to the Municipality for a coastal engineering study to assess shore protection options in light of the significant erosion and beach loss since the construction of the St Mary’s Pier.

Baird study investigated what influence the pier would have on the Port Darlington Beaches and stated the following:

“The piers at St. Marys are approximately 650 m long. It is expected that they act as a complete barrier to alongshore movement of granular sediment (i.e., sand and gravel) and, therefore, there is no exchange of granular sediment between west and east shorelines on either side of the piers.”

It further summarizes that:

“There are three potential impacts by the St. Mary’s piers on the study shoreline:

1. interruption of sediment supply from the shorelines west side of the piers (approximately 2,000 m³/year as evident from formation of the fillet beach on the west side of the piers); and
2. reversal of longshore transport along the shoreline immediately east of the piers (as evident from formation of the fillet beach on the east side of the piers); and
3. loss of sediment supply from the shoreline protected by the St Mary’s Pier.

So today, we have a response to the resolution c) by CLOCA without the inclusion of any direct quote via Email, letter or formal communication from Baird except by simply stating that “no further statement or conclusions can be provided from this level of assessment”.

It makes no sense that after the Baird report, which is meant to look at the erosion issue and provide solutions, the author and CLOCA are unable to clarify to what level of significance they believe the pier has had on erosion.
CLOCA board delegation Nov 19, 2019

The Municipal resolution was certainly not looking for an answer within + / - 1%, but rather some indication whether the pier played a small, medium or large role. It must be remembered that the Darlington beaches were stable for many hundreds of years without the need for armoring, and now after the Pier was built even armoring is not enough protection.

This despite Baird clearly identifying 3 ways the construction of such a pier would impact the adjacent shoreline.

This despite repeated comments from Perry at CLOCA regarding the negative effects of what hardening and modifying the shoreline can have on the natural movement of sand and stability of beaches.

How can a Professional Engineering firm provide solutions to a problem they don’t fully understand?

Since report # 5677-19 does not answer nor satisfy the intent of the Municipal resolution item c) , we formally request that item c) be returned to CLOCA for further and more direct comment from Baird.

Since report # 5677-19 does not provide options for more detailed studies and associated costs as per Municipal resolution item d) , we formally request that item d) be returned to CLOCA for follow up and to work with the municipality in the development of acceptable project outlines.

Since the initial Baird study was completed in response to the local shoreline residents request for an acceptable solution to erosion mitigation, that CLOCA also work in concert with the resident’s technical committee regarding resolution item d) in order to investigate further acceptable options.

The following comments are made with respect to CLOCA Staff Report # 5658-19 in regards to Lake Ontario Water Levels.

We do not believe the report # 5658-19 to the board has fulfilled the intent of 3 of 4 the Municipal resolutions submitted to CLOCA. The resolutions were as follows:

1. Refer the matter back to Staff for comment on the role Plan 2014 has played in the regulation of Lake Ontario water levels, including answering whether it was a contributing factor to flooding;
2. What role CLOCA can play re: working with United Shoreline Ontario, a grassroots community based organization which has the mandate of uniting residents and municipalities of the North shore of Lake Ontario;
3. Provide further information on the areas of flooding outlined in Report #5638-19 and propose solutions to the issue of flooding, with specific reference to the areas mentioned in the final paragraph but also including northern Municipalities;
Item 1 specifically requested for CLOCA to comment on whether Plan 2014 was a contributing factor to flooding. The report provides very detailed background information regarding what the plan is and history as it is published by the IJC. Unfortunately, there are no independent reviews nor any comments whatsoever regarding whether CLOCA believes the Plan was a contributing factor to flooding or not.

We all agree extremes in climatic conditions were a contributing factor to flooding. We should also agree that actions or inactions made whether regulated or discretionary within Plan 2014 contributed to flooding. The control methodology and set points for the Moses-Saunders dam are man-made and decided as a result of priorities made between interests.

Those interests include:
- Municipal Water Use
- Commercial Navigation
- Hydro Power
- Coastal development
- Ecosystems
- Recreational Boating

Since health and safety of the public are not the # 1 priority, neither is safeguarding against flooding.

Therefore, since report # 5658-19 does not answer nor satisfy the request under resolution item 1), we formally request that item 1) be returned to CLOCA for further and more direct comment.

Item 2 specifically requested for CLOCA to comment on “What role CLOCA can play re: working with United Shoreline Ontario”

Unfortunately, one of the roles CLOCA can play which is not mentioned is to advocate to the IJC for the interests that they were originally mandated to do, that is help to control against flooding and erosion not just stop people from living by the lake.

Item 3 requested CLOCA to review areas of flooding outlined in Report #5638-19 and propose solutions to the issue of flooding, with specific reference to the areas mentioned in the final paragraph but also including northern Municipalities;

This report # 5658-19 falls short in again since it make no reference to a CLOCA recommended solution to erosion at any of the sites referenced in the May 14th staff report # 5638-19.

CLOCA simply paraphrases the Shoreline Management Plan report comments by Sandwell Swan Wooster Inc, (1990) for each damage center, yet makes no recommendations of their own simply to say:

“Shoreline erosion is most often managed by hardening the shoreline with armour stone or sheet piling, or construction of groins to break waves and trap sediment. These works, if well engineered, can be effective, but have high capital costs, annual maintenance costs, and lifespan replacement costs (perpetual costs).”
CLOCA then summarizes the issue by saying

"The extreme water levels, flooding, and shoreline erosion, are all reminders of the importance of CLOCA's regulatory role to limit development in hazardous locations"

Therefore, since report # 5658-19 does not answer nor satisfy the request under resolution item 3) we formally request that item 3) be returned to CLOCA for a proper response.

The following comments are made with respect to:

Level news - Great Lakes St Lawrence River Water Levels by Environment and Climate Change Canada

This document is appended to the report with no reference or comment. It is now 4 months old and out of date.

We would recommend that this document be removed from the report and replaced with more up to date information.

The following comments are made with respect to:

Impacts of the Extreme 2019 Great Lakes High Water Levels Felt Throughout Lake Ontario and the St. Lawrence River (Anthony David)

This document is not referenced nor appears to an official release by the International Lake Ontario-St. Lawrence River Board. There are many uncollaborated inferences such as;

"in practical terms, no regulation plan can eliminate high water events on Lake Ontario or the St. Lawrence River."

These statements are made with no technical back up. To suggest that there are no control methodologies that can eliminate high water events is inappropriate and strictly a personal opinion.

Statements such as the following again are completely false and misleading.

"Water levels across the Great Lakes are primarily the result of natural, uncontrolled water supplies into the basin"

Clearly not an official document since water levels on Lake Superior and Lake Ontario are controlled by dams and levels not solely as a result of natural rainfall and run off.

We would recommend that this document be removed from the report as it is clearly not an official release and appears to be a personal comment by the author.
The Honourable Jeff Yurek  
Minister of the Environment, Conservation, and Parks  
Conservation Ontario,  
College Park 5th Flr, 777 Bay St,  
Toronto, ON M7A 2J3

December 17, 2019

Dear Minister,

Re: Copy of Resolution #645

Please find below a copy of the resolution adopted by the Township of Huron-Kinloss Council at its December 16, 2019 session supporting the resolution brought forth by the Township of Ramara.

Motion No: 915

Moved by: Ed McGugan    Seconded by: Lillian Abbott

That the Township of Huron-Kinloss support the the Township of Ramara’s request for the province to review the existing Conservation Authorities Act, 1990, R.S.O.1990, c. C.27 and request that an exit clause be provided in any new Conservation Authorities Act to permit municipalities that determine the objects of conservation and environmental stewardship can be provided by alternative governance, programs, and/or services to costly and FURTHER directs staff to forward a copy of this resolution to the Honourable Jeff Yurek, the Minister of the Environment, Conservation, and Parks Conservation Ontario, Ontario’s thirty-six conservation authorities, and all upper and lower-tier Ontario municipalities.

Carried.

Sincerely,

Emily Dance  
Clerk

c.c Conservation Ontario, Ontario Conservation Authorities, Ontario Municipalities
December 11, 2019

The Honourable Jeff Yurek  
Minister of Environment, Conservation and Parks  
College Park 5th Floor  
777 Bay St  
Toronto, ON M7A 2J3

Re: Conservation Authority Exit Clause

On behalf of Warden Cornell and County Council, I’m writing to advise that at its meeting on December 4, 2019, Simcoe County Council approved the following recommendation:

“That the resolution from the Township of Ramara regarding conservation authority exit clause, be supported.”

A copy of the related correspondence from the Township of Ramara is enclosed for your information. Should you require anything further, please contact the undersigned at extension 1623.

Regards,

[Signature]

John Daly  
County Clerk, and  
Director of Statutory Services

Enclosure/

C.C. Jill Dunlop, MPP  
Doug Downey, MPP  
Andrea Khanjin, MPP  
Caroline Mulroney, MPP  
Jim Wilson, MPP  
Conservation Ontario  
Ontario Conservation Authorities  
Ontario Municipalities
November 7, 2019

Honourable Jeff Yurek
Minister of Environment, Conservation and Parks
College Park 5th Floor
777 Bay St
Toronto, ON M7A 2J3

Re: Conservation Authority Exit Clause

The Council of the Corporation of the Township of Ramara passed the following motion at their regular meeting held October 28, 2019, unanimously by a recorded vote:

WHEREAS the TOWNSHIP OF RAMARA has consistently expressed its view that its watershed conservation authorities are duplicative, financially unaccountable, in conflict with citizens and private property rights;

AND WHEREAS the TOWNSHIP OF RAMARA has encountered the regulatory obstacles to challenge the arbitrary, inefficient, non-transparent, and unsustainable municipal levy forced upon it annually by its watershed conservation authorities;

AND WHEREAS the TOWNSHIP OF RAMARA questions the efficacy and relevance of its watershed conservation authorities’ programs and services and their performance in achieving the goals of conservation and environmental stewardship;

AND WHEREAS the TOWNSHIP OF RAMARA finds the current Conservation Authorities Act, 1990, R.S.O. 1990, c. C.27 and its proscribed regulations inconsistent and obsolete;

AND WHEREAS the Minister of Environment, Conservation, and Parks the Honourable Jeff Yurek signaled the province’s intent to reconsider and update the Conservation Authorities Act, 1990, R.S.O. 1990, c. C.27 and its proscribed regulations;

THEREFORE BE IT RESOLVED THAT: the TOWNSHIP OF RAMARA support the province’s determination that the existing Conservation Authorities Act, 1990, R.S.O. 1990, c. C.27 and its proscribed regulations require review;

www.ramara.ca
AND THAT the TOWNSHIP OF RAMARA signal to the Ministry of the Environment, Conservation, and Parks of its willingness to participate in all consultations and submissions to the same;

AND THAT further the TOWNSHIP OF RAMARA signal its express desire that an exit clause be provided in any new Conservation Authorities Act to permit municipalities that determine the objects of conservation and environmental stewardship can be provided by alternative governance, programs, and/or services to exist costly and unwarranted conservation authority(ies) jurisdiction(s);

AND THAT this resolution be forwarded the Minister of the Environment, Conservation, and Parks, the Honourable Jeff Yurek, Conservation Ontario, Ontario's thirty-six conservation authorities, and all upper and lower-tier Ontario municipalities.

I trust the above is self-explanatory however if you require further information or clarification, please contact me.

Yours truly,

Jennifer Connor, CMO
Legislative Services Manager/Clerk

JC/cw

c.c. Jill Dunlop, MPP
Conservation Ontario
Ontario Conservation Authorities
Ontario Municipalities
December 11, 2019

Nottawasaga Valley Conservation Authority
8195 8th Line
Utopia, ON L0M 1T0

Re: Nottawasaga Valley Conservation Authority Levy (NVCA)

On behalf of Warden Cornell and County Council, I’m writing to advise that at its meeting on December 4, 2019, Simcoe County Council approved the following recommendation:

“That the resolution from the Township of Springwater regarding NVCA Levy be supported.”

A copy of the related correspondence from the Township of Springwater is enclosed for your information. Should you require anything further, please contact the undersigned at extension 1623.

Regards,

John Daly
County Clerk, and
Director of Statutory Services

Enclosure/

cc. Doug Ford, Premier of Ontario
    Jeff Yurek, Minister of Environment, Conservation and Parks
    Jill Dunlop, MPP
    Doug Downey, MPP
    Andrea Khanjin, MPP
    Caroline Mulroney, MPP
    Jim Wilson, MPP
    Conservation Ontario
    Ontario Conservation Authorities
    Ontario Municipalities
October 21, 2019

Nottawasaga Valley Conservation Authority
8195 8th Line
Utopia ON, L0M 1T0

RE: Nottawasaga Valley Conservation Authority Levy

Please be advised that at its meeting of October 16, 2019, Council of the Township of Springwater passed the following resolution:

C457-2019
Moved by: Coughlin
Seconded by: Moore

Whereas the Township of Springwater, like all municipalities in Ontario must confront fiscal limitations and re-evaluate programs, services, and the financial sustainability of each;

And Whereas the Township of Springwater is a constituent municipality in portions of the watershed under the jurisdiction of the Nottawasaga Valley Conservation Authority and is compelled to remit non-negotiable levy funding to the Authority on an annual basis;

And Whereas the Township of Springwater cannot exercise line-item scrutiny of Nottawasaga Valley Conservation Authority’s budget and operations nor does the Authority itself provide detailed substantiation of the same to its member municipalities like the Township of Springwater;

And Whereas the Township of Springwater must account for all taxpayer funds it expends within its operations and that it forwards to local agencies and boards;

Therefore Be It Resolved That the Township of Springwater requests that the Nottawasaga Valley Conservation Authority provide prior to passage of its 2020 budget the following:

(1) Its interpretation and understanding of its mandated operations as found in the current Conservation Authorities Act, 1990, R.S.O. 1990, c.C.27 and its prescribed regulations;

(2) The costs of each as determined under (1);

(3) Detailed definitions and determinations of what can be characterized as non-mandatory programming and service(s);
(4) The costs of each as determined under (3);

(5) Detailed definitions and determinations of fee-for-service activities of the Nottawasaga Valley Conservation Authority, the revenues they generate as the activities take place within and/or requests originate from geographic area of the Township of Springwater; and

(6) The costs that arise from programs and services enabled through the Memorandum of Understanding with the Severn Sound Environmental Association.

And That this resolution be circulated to Premier Doug Ford, the Minister of the Environment, Conservation, and Parks, the Honourable Jeff Yurek, the County of Simcoe, all Ontario municipalities, the NVCA and Ontario’s other 35 Conservation Authorities, and Conservation Ontario.

Carried

Sincerely,

Renée Chaperon
Clerk

cc. Dou Ford, Premier of Ontario
    Jeff Yurek, Minister of Environment, Conservation and Parks
    The County of Simcoe
    Conservation Ontario
    Ontario municipalities
    Ontario Conservation Authorities
DATE: January 21, 2020
FILE: RPRG3974
S.R.: 5671-20
TO: Chair and Members, CLOCA Board of Directors
FROM: Chris Jones, Director, Planning & Regulation
SUBJECT: Permits Issued for Development, Interference with Wetlands and Alteration to Shorelines and Watercourses – November 1 to December 31, 2019

Attached are Development, Interference with Wetlands and Alterations to Shorelines and Watercourses applications, pursuant to Ontario Regulation 42/06, as approved by staff and presented for the members’ information.

RECOMMENDATION:
THAT Staff Report #5671-20 be received for information.
<table>
<thead>
<tr>
<th>Row #</th>
<th>Municipality</th>
<th>Owner / Applicant</th>
<th>Street / Lot / Con</th>
<th>Permit No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CLARINGTON</td>
<td>PROPERTY OWNER</td>
<td>2941 TAUNTON ROAD / LOT 05 / CON 04</td>
<td>C19-183-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH CONSTRUCTION OF AN ACCESSORY STRUCTURE.</td>
</tr>
<tr>
<td>2</td>
<td>CLARINGTON</td>
<td>ROGERS COMMUNICATION CANADA INC./DTS TECHNICAL INC.</td>
<td>ALDERSBROOK DR. AND GOLDPIPE AVE. / LOT 31 / CON 03</td>
<td>C19-179-G</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH DIRECTIONAL BORING UNDER EXISTING BOX CULVERT, INSTALLATION NEW CONDUIT, PEDESTAL AND VAULT FOR COMMUNICATION UTILITIES.</td>
</tr>
<tr>
<td>3</td>
<td>CLARINGTON</td>
<td>ROGERS COMMUNICATION CANADA INC./DTS TECHNICAL INC.</td>
<td>GEORGE REYNOLDS DR. EAST OF TREVUS ROAD / LOT 30 / CON 03</td>
<td>C19-215-G</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH DIRECTIONAL BORING FOR INSTALLATION OF NEW 2.5&quot; HOPE CONDUIT AND VAULT ASSOCIATED WITH COMMUNICATION UTILITIES.</td>
</tr>
<tr>
<td>4</td>
<td>CLARINGTON</td>
<td>ROGERS COMMUNICATION CANADA INC./DTS TECHNICAL INC.</td>
<td>3909 OLD SCUGOG ROAD AND TAUNTON ROAD / LOT 15 / CON 03</td>
<td>C19-219-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH INSTALLATION BY DIRECTIONAL BORE 1.75MM CONDUIT.</td>
</tr>
<tr>
<td>5</td>
<td>CLARINGTON</td>
<td>BELL CANADA</td>
<td>WEST SIDE OF LAMBS ROAD, APPROX. 170M N OF KING ST E / LOT 08 / CON 01</td>
<td>C19-225-G</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH INSTALLATION OF 2 NEW STRUCTURE DUCTS FOR COMMUNICATION UTILITIES.</td>
</tr>
<tr>
<td>6</td>
<td>CLARINGTON</td>
<td>ROGERS COMMUNICATION CANADA INC./DTS TECHNICAL INC.</td>
<td>DEVONDALE STREET AND GOLDPIPE AVENUE / LOT 31 / CON 03</td>
<td>C19-230-G</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH DIRECTIONAL BORE, OPEN TRENCH, CONDUIT, NEW VAULTS AND PEDESTAL.</td>
</tr>
<tr>
<td>7</td>
<td>CLARINGTON</td>
<td>PROPERTY OWNER</td>
<td>4605 HANCOCK ROAD / LOT 26 / CON 04</td>
<td>C19-231-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH THE DEMOLITION OF AN EXISTING SINGLE FAMILY DWELLING AND THE CONSTRUCTION OF A NEW SINGLE FAMILY DWELLING &amp; SEPTIC SYSTEM.</td>
</tr>
<tr>
<td>8</td>
<td>CLARINGTON</td>
<td>ENBRIDGE GAS INC</td>
<td>NORTH OF PEBBLESTONE ROAD, EAST OF TOWNELINE ROAD N / LOT 35 / CON 04</td>
<td>C19-232-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH GAS PIPELINE INSTALLATION.</td>
</tr>
<tr>
<td>9</td>
<td>CLARINGTON</td>
<td>THE REGIONAL MUNICIPALITY OF DURHAM / ENBRIDGE PIPELINES INC.</td>
<td>DURHAM CLARKE TOWNELINE ROAD / LOT 35 / CON 04</td>
<td>W19-221-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH ENBRIDGE MAINTENANCE DIG.</td>
</tr>
<tr>
<td>10</td>
<td>OSHAWA</td>
<td>HARMONY TAYLOR DEVELOPMENTS LIMITED / D.G. BIDDLE &amp; ASSOCIATES</td>
<td>250 HARMONY ROAD SOUTH / LOT 08 / CON 01</td>
<td>O19-135-GH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH TOP SOIL STRIPPING AND EARTHWORKS FOR A RESIDENTIAL DEVELOPMENT.</td>
</tr>
<tr>
<td>11</td>
<td>OSHAWA</td>
<td>STEVE SNIER CONSTRUCTION INC.</td>
<td>2685 RITSON ROAD NORTH / LOT 08 / CON 05</td>
<td>O19-179-GBFH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH THE REMOVAL OF A SINGLE FAMILY DWELLING AND ALL ACCESSORY STRUCTURES WITH THE AREA TO BE RESTORED AND CONSTRUCTION OF A SINGLE FAMILY DWELLING WITH AN ATTACHED GARAGE, WELL, DRIVEWAY AND SEPTIC SYSTEM.</td>
</tr>
<tr>
<td>12</td>
<td>OSHAWA</td>
<td>ENBRIDGE GAS INC</td>
<td>SOUTH SIDE OF THOMAS STREET / LOT 10 / CON BFC</td>
<td>O19-210-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH PROPOSED GAS HEADER SERVICE INSTALLED ON A PRIVATE LANE.</td>
</tr>
<tr>
<td>13</td>
<td>OSHAWA</td>
<td>2265130 ONTARIO LIMITED / MMM GROUP LIMITED</td>
<td>LANDS SOUTH OF WINCHESTER ROAD, EAST AND WEST OF SIMCOE STREET NORTH / LOT 11 / CON 05</td>
<td>O19-214-GH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH ROUGH GrADING AND ESTABLISHING EROSION AND SEDIMENT CONTROL MEASURE ON SITE.</td>
</tr>
<tr>
<td>14</td>
<td>OSHAWA</td>
<td>BELL CANADA</td>
<td>LOT 03 / CON 01</td>
<td>O19-228-GFH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH DIRECTIONAL DRILL TO PLACE 1 DUCT HOPE 100MM IN SOUTH BLVD @ 0.1M OFFSET STREET LINE.</td>
</tr>
<tr>
<td>15</td>
<td>OSHAWA</td>
<td>PROPERTY OWNER</td>
<td>98 QUEBEC STREET / LOT 11 / CON 01</td>
<td>O19-227-GH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH THE MINOR GRADING AND PLACEMENT OF GRAVEL FOR A 2.75M X 6.75M GRAVEL PARKING PAD.</td>
</tr>
<tr>
<td>16</td>
<td>SCUGOG</td>
<td>GOLFER'S DREAM LTD</td>
<td>1005 SCUGOG LINE 2 / LOT 10 / CON 01</td>
<td>P19-211-GH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH REMOVAL OF CONCRETE BLOCKS AND REPLACEMENT OF EXISTING SOIL.</td>
</tr>
<tr>
<td>17</td>
<td>SCUGOG</td>
<td>PROPERTY OWNER</td>
<td>EAST OF ASHURN ROAD, SOUTH OF SCUGOG LINE / LOT 08 / CON 01</td>
<td>S19-165-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH BUILDING A HOUSE, GARAGE AND SEPTIC.</td>
</tr>
<tr>
<td>18</td>
<td>WHITBY</td>
<td>ROGERS COMMUNICATION CANADA INC./DTS TECHNICAL INC.</td>
<td>IRELAND ST TO APPLE BLOSSOM TO BRASHGW ST / LOT 09 / CON 02</td>
<td>C19-217-G</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH DIRECTIONAL BORE, OPEN TRENCH, NEW CONDUIT, NEW VAULTS AND PEDESTAL.</td>
</tr>
<tr>
<td>19</td>
<td>WHITBY</td>
<td>WEST WHITBY HOLDINGS INC.</td>
<td>915 ROSSLAND ROAD WEST / LOT 33 / CON 02</td>
<td>W19-193-G</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH TOPSOIL STRIPPING AND ROUGH GRADING WITHIN PHASE TWO (2) OF THE DRAFT APPROVED PLAN OF SUBDIVISION.</td>
</tr>
<tr>
<td>20</td>
<td>WHITBY</td>
<td>PROPERTY OWNER</td>
<td>1751 DUFFERIN STREET / LOT 26 / CON BFC</td>
<td>W19-204-BH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH REPLACING FRONT PORCH, REPLACING SIDE PORCH AND DECK.</td>
</tr>
<tr>
<td>21</td>
<td>WHITBY</td>
<td>TOWN OF WHITBY</td>
<td>WHITBY HARBOUR / LOT 27 / CON BFC</td>
<td>W19-207-GHF</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH MAINTENANCE DREDGING WITHIN WHITBY HARBOUR.</td>
</tr>
<tr>
<td>22</td>
<td>WHITBY</td>
<td>THE DECK GUYS</td>
<td>17 JARROW CRESCENT / LOT 19 / CON 06</td>
<td>W19-213-BH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH CONSTRUCTION OF A DECK.</td>
</tr>
<tr>
<td>23</td>
<td>WHITBY</td>
<td>ROGERS COMMUNICATION CANADA INC./DTS TECHNICAL INC.</td>
<td>DUGGAN AVENUE / LOT 22 / CON 05</td>
<td>W19-216-G</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH DIRECTIONAL BORE, OPEN TRENCH, NEW CONDUIT, NEW VAULTS AND PEDESTAL.</td>
</tr>
<tr>
<td>24</td>
<td>WHITBY</td>
<td>PROPERTY OWNER</td>
<td>1042 BRAWLEY ROAD / LOT 30 / CON 08</td>
<td>W19-218-B</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH CONSTRUCTION OF A SHED AND A GARAGE.</td>
</tr>
<tr>
<td>25</td>
<td>WHITBY</td>
<td>PROPERTY OWNER</td>
<td>16 BRANTHAVEN COURT / LOT 18 / CON 06</td>
<td>W19-220-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH THE CONSTRUCTION/INSTALLATION OF AN INGROUND SWIMMING POOL AND ASSOCIATED LANDSCAPING.</td>
</tr>
<tr>
<td>26</td>
<td>WHITBY</td>
<td>ENBRIDGE GAS INC</td>
<td>WEST SIDE OF COUNTRY LANE BEGINNING AT DULETTE DR / LOT 30 / CON 04</td>
<td>W19-223-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH PROPOSED GAS PIPELINE INSTALLATION.</td>
</tr>
<tr>
<td>27</td>
<td>WHITBY</td>
<td>PROPERTY OWNER</td>
<td>36 INSULOOK COURT / LOT 23 / CON 03</td>
<td>W19-224-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH THE INSTALLATION OF A WALKUP/WALKOUT ENTRANCE TO A BASEMENT.</td>
</tr>
<tr>
<td>28</td>
<td>WHITBY</td>
<td>DURHAM DISTRICT SCHOOL BOARD/IC ARCHITECTS INC.</td>
<td>51 LAZIO STREET / LOT 22 / CON 04</td>
<td>W19-229-GB</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH CONSTRUCTION OF NEW TWO-STOREY ELEMENTARY SCHOOL, INCLUDING PARKING FACILITIES, SITE SERVICING AND VETEDLER BUFF RESTORATION.</td>
</tr>
<tr>
<td>29</td>
<td>WHITBY</td>
<td>ROGERS COMMUNICATION CANADA INC.</td>
<td>COCHRANE STREET NORTH OF TAUNTON ROAD / LOT 28 / CON 04</td>
<td>W19-235-GBH</td>
<td>DEVELOPMENT ACTIVITIES ASSOCIATED WITH DIRECTIONAL BORE, OPEN TRENCH AND INSTALL NEW CONDUIT.</td>
</tr>
</tbody>
</table>
DATE: January 21, 2019
FILE: ABDA4
S.R.: 5675-20
TO: Chair and Members, CLOCA Board of Directors
FROM: Patricia Lowe, Director – Community Engagement
SUBJECT: 2019 Year in Review

In celebration of our collective accomplishments over the past year, we will present a final draft of the 2019 Annual Report (Formerly titled the Year in Review) to Board members at the January 21st meeting. The report showcases the programs, services and projects delivered by the Central Lake Ontario Conservation Authority (CLOCA).

It is requested that comments and edits on the final draft be provided by CLOCA Board Members in writing to staff by 4:30 pm, Friday January 24th, 2020. At that time, we will make any of the necessary changes and prepare the final document for distribution of printed copies and downloading from our website.

We formally mail about 100 printed copies to stakeholders, including Councils of member municipalities, partners, conservation authorities within the Greater Toronto Area and Conservation Ontario. We also provide printed copies at events we attend and send email notices to community groups and organizations to review or download an electronic version on our website.

RECOMMENDATIONS:
THAT Staff Report #5675-20 received for information; and,
THAT comments and recommendations be received from the Board of Directors by 4:30 p.m. Friday, January 24th, 2020. At that time, staff will make the necessary edits and prepare for printing, distribution and posting on the website.

Attachment - 2019 Draft Year in Review (will be available at Jan.21/20 Board Meeting)
Purpose
To provide a summary of the 2019 Independent Review Special Advisor’s Flood Report.

Background
In response to significant flooding in Spring 2019 across Ontario, the Minister of Natural Resources and Forestry appointed Mr. Douglas McNeil, P.Eng., to review the province’s current flood management framework. He was asked to consider policies and activities which influenced spring flooding and additionally, to consider both the Great Lakes and urban flooding. He was appointed to provide expert advice to the Minister and to make recommendations to the government on opportunities to improve the existing flood policy framework considering the roles of various agencies involved including federal government, municipalities, and conservation authorities. Mr. McNeil completed tours of flood impacted communities in September 2019, and hosted round table sessions with municipal and conservation authority staff, including sessions with Municipality of Clarington and CLOCA staff.

Mr. McNeil’s report was provided to Minister Yakabuski, MNRF on October 31, 2019. The Minister received the report and committed to its release. The report was publicly released by Minister Yakabuski on November 28, 2019.

Report Summary
The report includes a chapter that sets the stage and explains all the reasons behind the 2019 flooding, provides explanations as to what happened during the flooding in various watersheds and is summarized as follows:

- Flooding was caused by natural events (snow, rain, melting, wind) – no signs of human error of neglect
- Record snow packs, sudden temperature increases, and heavy rains led to devastating flooding all across the province – impacts were not isolated to any particular area
- Measures taken by water managers everywhere were effective in reducing the magnitude of flooding and associated damages
- Ontario has a robust policy framework that has gone a long way to reducing and mitigating flood risks – however there’s always room for improvement
- No magic fix or silver bullet solution – but many areas where things can be improved
- Flooding can’t be stopped and significant floods will happen again – and may be more frequent or severe as a result of climate change
- Every level of government, and every individual, has a role to play in improving Ontario’s resiliency to flooding

Cont’d
Summary of Recommendations
The report includes 66 recommendations under the following themes:

- Education and outreach - raising awareness of flood risks and how they are being managed (13 recommendations)
- Flood forecasting and warning capabilities (10 recommendations)
- Land use planning policies and practices (10 recommendations)
- Disaster recovery programs (7 recommendations)
- Funding (7 recommendations)
- Water management practices (6 recommendations)
- Floodplain mapping (4 recommendations)
- Emergency response (4 recommendations)
- Roles and responsibilities (3 recommendations)
- Waste management (2 recommendations)

Agencies implicated by recommendations include:

- Ministry of Natural Resources and Forestry: 32 recommendations
- Municipalities: 18 recommendations
- Conservation authorities: 15 recommendations
- Ministry of Municipal Affairs and Housing: 11 recommendations
- Ottawa River Regulation Planning Board: 7 recommendations
- Solicitor General/ Emergency Management Ontario: 5 recommendations
- Ministry of Environment, Conservation and Parks: 4 recommendations
- Ministry of Infrastructure: 3 recommendations
- International Joint Commission: 3 recommendations
- Ministry of Government and Consumer Services: 1 recommendation
- Ontario Finance Authority: 1 recommendation

Key recommendations that effect conservation authorities include:

- Conservation Authority Legislation/Regulation related to hazard lands – the report recommends that the province and conservation authorities finalize proposed S.28 regulation under the Conservation Authorities Act (#1). Similarly, the report recommends that the province consider legislative amendments that clarify the permissions under the Conservation Authorities Act and the land use approvals in accordance with the Planning Act as they relate to development in hazardous areas (#13). The report also recommends changes to the Provincial Policy Statement to include specific reference to requirements for conservation authorities to regulate development activities in hazardous lands (#3).

- Flood/Hazard Mapping – the report recommends that the Province collaborate with conservation authorities to update floodplain mapping technical and implementation guidelines recognizing new technologies and approaches for flood hazard and flood risk mapping (#4), and establish a working group with provincial departments, conservation authorities, and municipalities to prepare a multi-year approach to floodplain mapping (#6). The report also suggests that a provincial custodian be established for flood plain mapping information and make updates to policies, regulations and legislation (#9) and the establishment of a provincial Elevation Mapping Program (#8).

- Technical Guidance – the Province is encouraged to update technical guides pertaining to floods and natural hazards, and undertake a review of the flood event standards with a view to providing for current science and climate change (#5) and consult with conservation authorities on their application of the hazards-based approach and the risk-based approach to managing flooding (#2).
- Urban Flooding – The report recommends that the province consider whether it should take steps, through legislation, to regulate drainage standards in urban areas such as requirements to restrict runoff flows to predevelopment rates and flood protection measures for private properties (#28). Additionally, the report recommends that MECP work collaboratively with Intact Centre on Climate Adaptation to raise awareness among homeowners about the increasing risk of flooding and to disseminate basement flooding protection information to homeowners (#29). The report also recommends that the Province consider adopting legislation that will require flood risk properties to be identified in some way that is public accessible (e.g. on title) to ensure that prospective buyers are aware (#15).

- Infrastructure – that municipalities consider utilizing local improvement charges to help finance and install (or upgrade) shoreline protection works, and if necessary, that the Province provide municipalities with enhanced authority to do so (#16).

- Natural Green Infrastructure – the province should support municipalities and conservation authorities to ensure the conservation, restoration and creation of natural green infrastructure (i.e. wetlands, forest cover, pervious surfaces) during land use planning to reduce runoff and mitigate the impacts of flooding (#17).

- Emergency Management – the Ministry or Solicitor General implement Auditor General’s recommendations regarding a governance structure for emergency management (#10) and consider whether the Emergency Management and Civil Protection Act needs to be amended with a view to clarifying roles and responsibilities of identifying hazardous areas (#11).

- Funding – the report also recommends that the province encourage the federal government to extend the National Disaster Mitigation Program (or successor) so that municipalities and conservation authorities can undertake or update floodplain mapping in all critical areas (#7); and that the Ministry of Infrastructure work with MNRF on the design of future intakes of the Green Stream of the Investing in Canada Infrastructure Program to ensure flood-related projects are eligible (#31). The report also recommends the Province continue to issue Green Bonds to help finance extreme-weather resistant infrastructure (#33). The Report also recommends that the Province maintain, at a minimum, current levels of funding for programs related to flooding, including conservation authorities (#66). It should be noted that the “current level of funding” is based on recent 50% cut across all CAs with respect to flooding and erosion programs. CA funding related to flood hazards needs to be at a level that sustains the current programs and potentially future implementation of the recommendations outlined in Mr. McNeil’s report.

- Monitoring – the report recognizes the importance of water monitoring and gauge networks and recommends the province continue its financial commitments with the federal government (#34) and monitor effectiveness and location of gauges to ensure appropriate coverage (#35). Further, the province should consider installation of new telemetry (#36), automated alarms at high risk stations (#37), and investigate return on investment of satellite imagery (#41) to improve flood forecasting ability.

- Flood Forecasting – the Province is encouraged to update the flood forecasting and warning guidelines to provide clarity on roles/responsibilities for MNRF, conservation authorities, municipalities) and that design of systems should reflect local watershed characteristics (#42).

- Disaster Recovery Assistance – clarification to existing formulas/eligibility is recommended (#47) and that the program consider including a ‘build back better’ program (#48) under the Disaster Recovery Assistance for Ontarians Program (#49) and allow for removal of structures from floodplain (buyout) if it is the only technically and financially feasible option (#51)
Conclusion and Next Steps
The Flood Advisors report provides a comprehensive review and set of recommendations to the government on opportunities to improve the existing flood policy framework. The report underscores the important work of conservation authorities while highlighting important areas where the Province can better support our efforts.

CLOCA will continue to review the report and provide comments to the province collectively with other conservation authorities through Conservation Ontario. We look forward to further collaboration with the Province to reduce the risk of flooding in Ontario.

RECOMMENDATION:
THAT staff report #5674-20 be received for information

PS/lv
TO: Chair and Members, CLOCA Board of Directors  
FROM: Rose Catulli, Director of Corporate Services  
SUBJECT: BDO Canada Audit of Financial Statements for the Year Ended December 31, 2019  

The attached audit plan letter from the audit firm of BDO Canada LLP is being sent to the Board in advance of the annual audit. Having gone through a number of significant reporting requirements in prior audit years, staff does not anticipate any change in format for the 2019 financial statements. The planning letter provides the Board of Directors an opportunity to provide information about anything that may affect the audit especially as it relates to risk in the organization or suspected or alleged fraud.

RECOMMENDATIONS:  
THAT the letter from Nigel A.C. Allen, BDO Dunwoody Canada LLP be received;  
THAT Nigel A.C. Allen be advised that the Board of Directors is not aware of any matters related to increased risk, fraud, or errors on behalf of management processes.

RC/lv  
Attach.
January 8, 2020

Members of the Board of Directors
Central Lake Ontario Conservation Authority
100 Whiting Avenue
Oshawa, Ontario
L1H 3T3

Dear Board of Director Members:

We are pleased to present our audit plan for the audit of the financial statements of Central Lake Ontario Conservation Authority (the “Authority”) for the year ended December 31, 2019.

Our report is designed to highlight and explain key issues which we believe to be relevant to the audit including audit risks, the nature, extent and timing of our audit work and the terms of our engagement. The audit planning report forms a significant part of our overall communication strategy with the Board of Directors and is designed to promote effective two-way communication throughout the audit process. It is important that we maintain effective two-way communication with the Board of Directors throughout the entire audit process so that we may both share timely information. The audit process will conclude with a Board of Directors meeting and the preparation of our final report to the Board of Directors.

This report has been prepared solely for the use of the Board of Directors and should not be distributed without our prior consent. Consequently, we accept no responsibility to a third party that uses this communication.

The Board of Directors plays an important part in the audit planning process and we are available to meet with you to discuss our audit plan as well as any other matters that you consider appropriate.

Yours truly,

Nigel A.C. Allen, CPA, CA
Partner through a corporation
BDO Canada LLP
Chartered Professional Accountants, Licensed Public Accountants
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terms of Reference</td>
<td>4</td>
</tr>
<tr>
<td>Independence</td>
<td>4</td>
</tr>
<tr>
<td>Responsibilities</td>
<td>5</td>
</tr>
<tr>
<td>Audit Strategy</td>
<td>6</td>
</tr>
<tr>
<td>Materiality</td>
<td>7</td>
</tr>
<tr>
<td>Risks and Planned Audit Response</td>
<td>8</td>
</tr>
<tr>
<td>Other Areas of Audit Interest</td>
<td>9</td>
</tr>
<tr>
<td>Fraud Discussion</td>
<td>11</td>
</tr>
<tr>
<td>Appendix A - Independence Letter</td>
<td>13</td>
</tr>
</tbody>
</table>
TERMS OF REFERENCE

Our overall responsibility is to form and express an opinion on the financial statements. These financial statements are prepared by management, with oversight by those charged with governance. The audit of the financial statements does not relieve management or those charged with governance of their responsibilities. The scope of our work, as confirmed in our engagement letter, is set out below.

ENGAGEMENT OBJECTIVES

- Form and express an audit opinion on the financial statements.
- Present significant findings to the Board of Directors including key audit and accounting issues, any significant deficiencies in internal control and any other significant matters arising from our work.
- Provide timely and constructive management letter. This will include deficiencies in internal control identified during our audit.
- Consult regarding accounting, excise tax and other reporting matters as requested throughout the year.
- Prepare applicable information returns for the year ended December 31, 2019.
- Work with management towards the timely issuance of financial statements, and information returns.

INDEPENDENCE

At the core of the provision of external audit services is the concept of independence. Canadian generally accepted auditing standards require us to communicate to the Board of Directors at least annually, all relationships between BDO Canada LLP and its related entities and Central Lake Ontario Conservation Authority and its related entities, that, in our professional judgment, may reasonably be thought to bear on our independence for the forthcoming audit of the Authority. Please refer to Appendix A.
RESPONSIBILITIES

It is important for the Board of Directors to understand the responsibilities that rest with the Authority and its management, those that rest with the external auditor and the responsibilities of those charged with governance. BDO’s responsibilities are outlined within the engagement letter. The oversight and financial reporting responsibilities of management and the Board of Directors are summarized below.

MANAGEMENT’S RESPONSIBILITIES

- Maintain adequate accounting records and maintain an appropriate system of internal control for the Authority.
- Select and consistently apply appropriate accounting policies.
- Prepare the annual financial statements.
- Safeguard the Authority’s assets and take reasonable steps for the prevention and detection of fraud and other irregularities.
- Make available to us, as and when required, all of the Authority’s accounting records and related financial information.

BOARD OF DIRECTORS’ RESPONSIBILITIES

- Oversee the work of the external auditor engaged for the purpose of issuing an independent auditor’s report.
- Facilitate the resolution of disagreements (if any) between management and the external auditor regarding financial reporting matters.
- Pre-approve all non-audit services to be provided to the Authority by the external auditor.
- Review the financial statements and Annual Report before the Authority publicly discloses this information.
AUDIT STRATEGY

Our overall audit strategy involves extensive partner and manager involvement in all aspects of the planning and execution of the audit and is based on our overall understanding of the Authority.

We will perform a risk based audit which allows us to focus our audit effort on higher risk areas and other areas of concern for management and the Board of Directors.

To assess risk accurately, we need to gain a detailed understanding of the Authority’s business and the environment it operates in. This allows us to identify, assess and respond to the risks of material misstatement.

To identify, assess and respond to risk, we obtain an understanding of the system of internal control in place in order to consider the adequacy of these controls as a basis for the preparation of the financial statements, to determine whether adequate accounting records have been maintained and to assess the adequacy of these controls and records as a basis upon which to design and undertake our audit testing.

Based on our risk assessment, we design an appropriate audit strategy to obtain sufficient assurance to enable us to report on the financial statements.

We choose audit procedures that we believe are the most effective and efficient to reduce audit risk to an acceptable low level. The procedures are a combination of testing the operating effectiveness of internal controls, substantive analytical procedures and other tests of detailed transactions.

Having planned our audit, we will perform audit procedures, maintaining an appropriate degree of professional skepticism, in order to collect evidence to support our audit opinion.
MATERIALITY

Misstatements, including omitted financial statement disclosures, are considered to be material if they, individually or in aggregate, could reasonably be expected to influence the economic decisions of users taken on the basis of the financial statements.

Judgments about materiality are made in light of surrounding circumstances and include an assessment of both quantitative and qualitative factors and can be affected by the size or nature of a misstatement, or a combination of both.

We have concluded that a materiality level based on 2% of expenses is appropriate for the purposes of planning the audit. We have set preliminary materiality at $135,000 for the Authority based on the prior year’s final expenditure balance.

In the event that actual results vary significantly from those used to calculate preliminary materiality, we will communicate these changes to the Board as part of our year end communication.

We will communicate all corrected and uncorrected misstatements identified during our audit to the Board of Directors, other than those which we determine to be “clearly trivial”. Misstatements are considered to be clearly trivial for purposes of the audit when they are inconsequential both individually and in aggregate.

We encourage management to correct any misstatements identified throughout the audit process.
RISKS AND PLANNED AUDIT RESPONSES

Based on our knowledge of the Authority’s business, our past experience, and knowledge gained from management and the Board, we have identified the following significant risks; those risks of material misstatement that, in our judgment, require special consideration.

Significant risks arise mainly because of the complexity of the accounting rules, the extent of estimation and judgment involved in the valuation of these financial statement areas, and the existence of new accounting pronouncements that affect them. We request your input on the following significant risks and whether there are any other areas of concern that the Board has identified.

Revenue Recognition

<table>
<thead>
<tr>
<th>Significant Risk</th>
<th>Proposed Audit Approach</th>
</tr>
</thead>
</table>
| There is an inherent risk on the completeness of revenue. | • For each revenue stream, tests are performed on a sample of source documents to trace to the final general ledger.  
  • Analytical procedures are performed to compare each revenue stream against budget and investigate significant variances from expectations. |

Risk of Management Override

<table>
<thead>
<tr>
<th>Significant Risk</th>
<th>Proposed Audit Approach</th>
</tr>
</thead>
</table>
| Management is in a unique position to perpetrate fraud because of management’s ability to directly or indirectly manipulate accounting records and prepare fraudulent financial statements by overriding controls that otherwise appear to be operating effectively. | • Our planned audit procedures test the appropriateness of journal entries recorded in the general ledger and other adjustments made in the preparation of the financial statements.  
  • We will also obtain an understanding of the business rationale for significant transactions that we become aware of that are outside the normal course of operations for the Authority, or that otherwise appear to be unusual given our understanding of the Authority and its environment. We will review accounting estimates for biases and evaluate whether the circumstances producing the bias, if any, represented a risk of material misstatement due to fraud. |
OTHER AREAS OF AUDIT INTEREST

In addition to the significant risks noted above, we have also noted certain areas which are of interest to us or the Board and will be considered in the planning of our audit approach and procedures.

<table>
<thead>
<tr>
<th>Area of Interest</th>
<th>Approach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Asset Completeness</td>
<td>Our planned audit procedures include testing a sample of capital asset additions and ensuring that the accounting records reconcile with the database.</td>
</tr>
<tr>
<td>Capital assets are recorded in a database that is not integrated with the accounting system.</td>
<td></td>
</tr>
<tr>
<td>Employee Future Benefits Liability</td>
<td>Our planned audit procedures include the audit of the assumptions used in the employee future benefits liability calculation. This includes communication with the actuary used by the Authority and reviewing backup for inflation and discount rates used.</td>
</tr>
<tr>
<td>Changes in the assumptions used in the calculation could lead to a material change in the liability.</td>
<td></td>
</tr>
</tbody>
</table>

RELIANCE ON AN EXPERT

In order for us to perform adequate audit procedures on certain financial statement areas, we will be relying on the work of, and the report prepared by, Mondelis Actuarial Services Corp. Canadian generally accepted auditing standards require us to communicate with the expert. We propose to discuss the following with Mondelis Actuarial Services Corp.:

- The objective and nature of our audit engagement and how we intend to use the expert’s findings and report.
- Our assessment of the significance and risk aspects of the engagement that will affect the expert’s work.
- The requirement to advise us if they have any relationship with the Authority which could impair their judgment or objectivity in the conduct of their engagement.
- The nature, timing and extent of the expert’s work and our planned review of it, possibly including review of their working papers.
- Confirmation that the assumptions used in their calculations are consistent with those used in the prior periods and with industry standards.
- Their obligation to advise BDO Canada LLP of any matters up to the estimated audit report date that may affect their calculations and their report.
We ask that the appropriate level of management review the data provided to Mondelis Actuarial Services Corp. and that they also review the assumptions used and results reported by the expert for reasonableness.

AUDIT TEAM

In order to ensure effective communication between the Board and BDO Canada LLP, we briefly outline below the key members of our audit team and the role they will play:

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Phone number</th>
<th>Email address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nigel Allen, CPA, CA</td>
<td>Partner</td>
<td>289-872-7561</td>
<td><a href="mailto:Nallen@bdo.ca">Nallen@bdo.ca</a></td>
</tr>
<tr>
<td>Taylor Ramkema, CPA, CA</td>
<td>Manager</td>
<td>289-872-7556</td>
<td><a href="mailto:Tramkema@bdo.ca">Tramkema@bdo.ca</a></td>
</tr>
<tr>
<td>Nigel Martin</td>
<td>Auditor in charge</td>
<td>289-872-7557</td>
<td><a href="mailto:Nimartin@bdo.ca">Nimartin@bdo.ca</a></td>
</tr>
</tbody>
</table>

TIMING OF THE AUDIT

We anticipate the following schedule for the conduct of the audit:

<table>
<thead>
<tr>
<th>Audit tasks and deliverables</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interim audit planning fieldwork</td>
<td>December 4, 2019</td>
</tr>
<tr>
<td>Interim testing</td>
<td>December 4-5, 2019</td>
</tr>
<tr>
<td>Year-end audit fieldwork - tentative start date</td>
<td>March 23, 2020</td>
</tr>
<tr>
<td>Review of draft financial statements with Board</td>
<td>To be determined</td>
</tr>
<tr>
<td>Finalization of financial statements</td>
<td>To be determined</td>
</tr>
<tr>
<td>Release of financial statements and letters</td>
<td>To be determined</td>
</tr>
</tbody>
</table>

As part of the year-end Board meeting, we will provide the Board of Directors with a copy of our draft audit opinion, discuss our findings, including significant estimates utilized by management, accounting policies, financial statement disclosures and significant transactions completed during the year. We will also report any significant internal control deficiencies identified during our audit and reconfirm our independence.
# FRAUD DISCUSSION

Canadian generally accepted auditing standards require us to communicate with the Board of Directors regarding fraud risk on an annual basis. We have prepared the following comments to facilitate this communication and ask that you contact us if you have any knowledge regarding actual, suspected or alleged fraud affecting the organization.

<table>
<thead>
<tr>
<th>Required Discussion</th>
<th>BDO Response</th>
<th>Question to Board of Directors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Details of existing oversight processes with regards to fraud.</td>
<td>Through our planning process, and based on prior years’ audits, we have developed an understanding of your oversight processes including:</td>
<td>Are there any new processes or changes in existing processes relating to fraud that we should be aware of?</td>
</tr>
<tr>
<td>• Discussions at Board of Directors meetings and our review of minutes of those meetings;</td>
<td>• Review of related party transactions; and</td>
<td></td>
</tr>
<tr>
<td>• Consideration of tone at the top</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge of actual, suspected or alleged fraud.</td>
<td>Currently, we are not aware of any fraud.</td>
<td>Are you aware of any instances of actual, suspected or alleged fraud affecting the Authority?</td>
</tr>
</tbody>
</table>

## AUDITORS’ RESPONSIBILITIES FOR DETECTING FRAUD

We are responsible for planning and performing the audit to obtain reasonable assurance that the financial statements are free of material misstatements, whether caused by error or fraud, by:

- Identifying and assessing the risks of material misstatement due to fraud;
- Obtaining sufficient and appropriate audit evidence regarding the assessed risks of material misstatement due to fraud, through designing and implementing appropriate responses; and
- Responding appropriately to fraud or suspected fraud identified during the audit.

The likelihood of not detecting a material misstatement resulting from fraud is higher than the likelihood of not detecting a material misstatement resulting from error because fraud may involve collusion as well as sophisticated and carefully organized schemes designed to conceal it.

During the audit, we will perform risk assessment procedures and related activities to obtain an understanding of the entity and its environment, including the entity’s internal control, to obtain information for use in identifying the risks of material misstatement due to fraud and will make inquiries of management regarding:
Management’s assessment of the risk that the financial statements may be materially misstated due to fraud, including the nature, extent and frequency of such assessments;
Management’s process for identifying and responding to the risks of fraud in the entity, including any specific risks of fraud that management has identified or that have been brought to its attention, or classes of transactions, account balances, or disclosures for which a risk of fraud is likely to exist;
Management’s communication, if any, to those charged with governance regarding its processes for identifying and responding to the risks of fraud in the entity; and
Management’s communication, if any, to employees regarding its view on business practices and ethical behaviour.

In response to our risk assessment and our inquiries of management, we will perform procedures to address the assessed risks, which may include:

- Inquire of management, the Board of Directors, and others related to any knowledge of fraud, suspected fraud or alleged fraud;
- Perform disaggregated analytical procedures and consider unusual or unexpected relationships identified in the planning of our audit;
- Incorporate an element of unpredictability in the selection of the nature, timing and extent of our audit procedures; and
- Perform additional required procedures to address the risk of management’s override of controls including:
  - Testing internal controls designed to prevent and detect fraud;
  - Testing the appropriateness of a sample of adjusting journal entries and other adjustments for evidence of the possibility of material misstatement due to fraud;
  - Reviewing accounting estimates for biases that could result in material misstatements due to fraud, including a retrospective review of significant prior years’ estimates; and
  - Evaluating the business rational for significant unusual transactions.
APPENDIX A
Independence Letter

January 8, 2020

Members of the Board of Directors
Central Lake Ontario Conservation Authority
100 Whiting Avenue
Oshawa, Ontario
L1H 3T3

Dear Board of Directors Members:

We have been engaged to audit the financial statements of Central Lake Ontario Conservation Authority (the “Authority) for the year ended December 31, 2019.

Canadian generally accepted auditing standards (GAAS) require that we communicate at least annually with you regarding all relationships between the Authority and our Firm that, in our professional judgment, may reasonably be thought to bear on our independence.

In determining which relationships to report, we have considered the applicable legislation and relevant rules of professional conduct and related interpretations prescribed by the appropriate provincial institute/ordre covering such matters as:

- Holding a financial interest, either directly or indirectly in a client;
- Holding a position, either directly or indirectly, that gives the right or responsibility to exert significant influence over the financial or accounting policies of a client;
- Personal or business relationships of immediate family, close relatives, partners or retired partners, either directly or indirectly, with a client;
- Economic dependence on a client; and
- Provision of services in addition to the audit engagement.

We have prepared the following comments to facilitate our discussion with you regarding independence matters arising since May 14, 2019, the date of our last letter.

We are not aware of any relationships between the Authority and us that, in our professional judgment, may reasonably be thought to bear on our independence to date.

We hereby confirm that we are independent with respect to the Authority within the meaning of the Rules of Professional Conduct of the Chartered Professional Accountants of Ontario as of January 8, 2020.
This letter is intended solely for the use of the Board of Directors, Management and others within the Authority and should not be used for any other purposes.

Yours truly,

[Signature]

Nigel A.C. Allen, CPA, CA
Partner through a corporation
BDO Canada LLP
Chartered Professional Accountants, Licensed Public Accountants
We currently have three boards that require the officers and members to be established in common – Central Lake Ontario Conservation Authority (CLOCA), Central Lake Ontario Conservation Fund (CLOCF) and Central Lake Ontario Source Protection Authority (CLOSPA).

By-Law 2018-1 CLOCA Administrative and Meeting Procedural By-Law, requires the Chair and Vice Chair of CLOCA be elected annually from the members appointed by the Region of Durham. To deal with the CLOCF and the CLOSPA respective requirements, it is recommended the following motion be adopted at the CLOCA annual meeting following its election of officers.

**RECOMMENDATION:**

THAT the Chair, Vice Chair and members of the Central Lake Ontario Conservation Authority for 2020 be the Chair, Vice Chair and members of the Central Lake Ontario Conservation Fund for 2020 and the Chair, Vice Chair and members of the Central Lake Ontario Source Protection Authority for 2020.
CLOCA’s Strategic Plan 2016-2020 was approved at the January 19, 2016 Authority Board meeting. The Strategic Plan established a new vision and mission for CLOCA:

**Vision:** Healthy watershed for today and tomorrow.

**Mission:** Advancing watershed health through engagement, science and conservation.

The 2016-2020 Strategic Plan created a list of overarching strategic goals based on five key pillars that focused on:

1. Communicate, Educate & Inspire
2. Leaders in Integrated Watershed Management
3. Operate Responsibly & Sustainably
4. Collaborate & Partner
5. Advance Watershed Science and Knowledge

Forty-five actions were identified to help achieve our vision. On June 21, 2016, the Authority Board received a report outlining 113 detailed tasks to be undertaken to implement the identified actions over the five-year period. Attachment 1 to this report outlines the goals, actions and the status of specific tasks. The Strategic Plan is now in its fifth and final year and many of the listed tasks have been completed. Approximately half of the tasks are long-term programs and identified as ongoing. Significant processes has been made on all ongoing tasks.

Implementation of the Strategic Plan is summarized as follows:

- All seven tasks with a 2016 completion date have been completed.
- Twenty-four of the twenty-six tasks with a 2017 completion date have been completed. The three tasks not yet completed have been deferred pending the completion of prerequisite work. Task 17a (preparation of green infrastructure guidance document) and task 38b (adopt environmental compensation protocol) have been on hold pending anticipated provincial guidance/policy documents, which will inform the preparation of CLOCA’s documents.
- Fifteen of the nineteen tasks with a 2018 completion date have been completed. Task 5e (update of Planning and Regulation Policy Document) has made some progress. There has been many recent internal and external work that will inform the update. Task 10h (update of stormwater management guideline) has been deferred pending the release of anticipated provincial guidelines. Task 16a (MOU with municipal partners) has been initiated but not yet completed due to other priority actions. Task 37 (evaluation of restoration efforts) was on hold pending the approval of funding for a Restoration Program.
- Five of the seven tasks with a 2019 completion date have been completed. Task 7d (update of L. Ontario Shoreline Management Plan) is near completion and will be presented to the Board early 2020. Task 13 and 14b (Conservation Lands Master Plan) has been progressing and we are targeting 2020 for a final report.

Cont’d
Fifty-one tasks are listed as ongoing. These ongoing tasks will continue throughout the term of the Strategic Plan and are critical in meeting the identified goals and objectives. Advancements have been made in all ongoing tasks.

Priority Strategic Plan Tasks for 2020 include continuing to make advancement with the ongoing tasks as well as the following project tasks:

- Update of Planning and Regulation Policy Document - Task 5e
- Update Lake Ontario Shoreline Management Plan - Task 7d
- Update of Stormwater Management Guideline - Task 10h
- Complete a Conservation Lands Management Strategy - Task 13 & 14b
- Initiate individual Conservation Area Master Plans – Task 13b & 14c
- Establish Plan Review MOUs with municipal partners - Task 16a
- Prepare Green Infrastructure Guideline - Task 17a
- Develop a program to evaluate restoration efforts - Task 37
- Adopt Environmental Compensation Protocol -Task 38b

Overall, significant progress has been made to fulfil and meet the goals the Board set out in its 2016-2020 Strategic Plan. Considerable effort continues on the fifty-one tasks listed as ongoing. Dedicated staff have worked diligently towards achieving the goals of the Strategic Plan and have exemplified our core values of conservation, innovation, excellence, collaboration and leadership.

The 2016-2020 Strategic Plan has served CLOCA well. We have adopted the strategic goals in our day-to-day operations and continually work to incorporate them into our service delivery and long-term plans. The Strategic Plan has guided our commitment to action and has been fundamental to our work planning and budget preparation. In 2020 staff will begin the process of reviewing and updating the Strategic Plan with the objective of presenting an updated 2021-2025 Strategic Plan for Board approval.

**RECOMMENDATION:**
*THAT Staff Report # 5677 -20 be received for information.*

ATTACH.
CD/fv
<table>
<thead>
<tr>
<th>Strategic Actions</th>
<th>Tasks</th>
<th>Completion Date</th>
<th>Lead</th>
<th>Progress</th>
<th>Notes</th>
</tr>
</thead>
</table>
| **GOAL 1: Communicate, Educate & Inspire**  
**Objective: Get the Word Out** | a. Develop corporate presentation template and deliver presentations to stakeholders promoting awareness of CLOCA | Ongoing | Community Engagement | Ongoing | Continued tracking of public engagement events. On average approximately 50 presentations annually to various community and stakeholder groups with an estimated audience of over 30,000 people. |
| 1 | b. Create news releases for ongoing programs, events and projects | 2017 | Community Engagement | Complete ✔ | Regular e-newsletter (Watershed Chronicle) prepared and issued quarterly. |
| | c. Celebrate 60th Annual Board of Directors Meeting - invite watershed stakeholders - presentation on accomplishments and Guest Speaker | 2017 | Community Engagement | Complete ✔ | 60th Annual Board Meeting held in January 2017 with guests and keynote speaker. |
| | e. Build required resources to facilitate enhanced use of social media | 2018 | Community Engagement | Complete ✔ | Completed updates to our website with social media enhancements and open data portal. |
| | f. Pursue new opportunities for co-marketing and joint messages | 2018 | Community Engagement | Complete ✔ | Participated in several co-marketing and joint messages with Conservation Ontario and other stakeholders related to climate change, flood management and amended CA Act. |
| 2 | Recognize and celebrate environmental achievements of volunteers, partners and their milestones and successes. | Ongoing | Community Engagement | Ongoing | Annual recognition for the Maple Syrup Festival and Watershed Festival partners |
## Objective: Take Action

<table>
<thead>
<tr>
<th></th>
<th>Assess community-based needs and identify opportunities for expanded conservation education and programming to meet the needs of an evolving, diverse and dynamic watershed community.</th>
<th>Assess how changing watershed demographics impact education and program needs</th>
<th>2017</th>
<th>Community Engagement</th>
<th>Complete ✓</th>
<th>Assessment completed by staff. Board received a report at the Feb. 2019 meeting outlining conclusions and recommendations for education program enhancements.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Continue to offer innovative educational programs to inform and raise awareness of the value of a healthy watershed by:</td>
<td></td>
<td>2019</td>
<td>Community Engagement</td>
<td>Complete ✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Collaborating with schools, teachers and School Boards to identify and act on opportunities to integrate watershed-based education into a variety of curricula;</td>
<td>a. Review current curriculum objectives and survey participating teachers and program partners for input to improve program delivery</td>
<td></td>
<td></td>
<td></td>
<td>Board received a report at the Feb. 2019 meeting accessing our programs and survey results along with an outline of planned program enhancements.</td>
</tr>
<tr>
<td></td>
<td>- Supporting new innovative hands-on environmental learning experiences and providing tools for children, youth, adults, families and seniors of all abilities, to encourage informed decision making and behavior.</td>
<td>b. Review potential to partner with other events/festivals delivered in our watershed for delivery of healthy watershed program</td>
<td>2017</td>
<td>Community Engagement</td>
<td>Complete ✓</td>
<td></td>
</tr>
</tbody>
</table>

### GOAL 2: Leaders in Integrated Watershed Management

## Objective: Keep it Safe

<table>
<thead>
<tr>
<th></th>
<th>Continue to ensure that municipal planning decisions and CLOCA permit approvals keep people, property and public infrastructure safe from natural hazards;</th>
<th>a. Ensure timely responses for Plan Review and Regulation</th>
<th>Ongoing</th>
<th>Pl’g Regs</th>
<th>Ongoing</th>
<th>Established a target of 85% of Planning Act circulations commented on within 30 days of CLOCA receipt with regular monitoring of implementation through departmental meetings. Expedited External Review Voluntary Option established in 2018. Staff continue to explore methods to streamline processes.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>b. Provide proactive and detailed input early in planning and regulation processes</td>
<td>Ongoing</td>
<td>Pl’g Regs</td>
<td>Ongoing</td>
<td>Tracking efforts for number of pre-application consultation meetings attended and number of counter walk-ins per month with regular monitoring of implementation through departmental meetings.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Ensure municipal planning documents contain effective hazard management policies</td>
<td>Ongoing</td>
<td>Pi’g Regs</td>
<td>Significant progress continues to be made in ensuring municipal official plans and zoning by-laws contain effective hazard management policies and provisions.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Maintain accurate and up to date hazard mapping</td>
<td>Ongoing</td>
<td>Pi’g Regs</td>
<td>Hazard mapping undergoes regular updates. Comprehensive update of O.Reg. 42/06 mapping approved by Board of Directors in 2016. Next Board update scheduled for 2020.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Update/simplify Planning and Regulation Policy and Procedural Document</td>
<td>2018</td>
<td>Pi’g Regs</td>
<td>Work is underway; however, this task is on hold pending the release of anticipated regulations and policies from the province that will have direct impacts on our policy document.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Enhance flood forecasting warning and protection tools.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Pursue funding opportunities to adopt a flood forecast model that allows for modelling of predicted storm forecasts including radar forecasts and improve database of gauge information and user accessibility</td>
<td>Ongoing</td>
<td>Eng. Field Ops.</td>
<td>Advancement made in improving gauging network and web access to precipitation data. Enhancements continued with 2019 financial support from the Region of Durham and Federal grant funding.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>In partnership with municipalities, commit to prioritizing, managing and reducing risk associated with natural hazards.</td>
<td>a. Promote opportunities to reduce natural hazards through infrastructure review and approvals</td>
<td>Ongoing</td>
<td>Pl’g Regs</td>
<td>Staff continue to promote reduction in erosion and flooding hazard through the review of proposed infrastructure.</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Develop system of updating floodplain mapping as needed in association with Official Plan amendments and updates</td>
<td>2017</td>
<td>Eng. Field Ops.</td>
<td>Complete</td>
<td>Worked with municipal staff to confirm the need for improved floodplain maps to inform Official Plan land use.</td>
<td></td>
</tr>
</tbody>
</table>

**Objective: Make it Better**

<table>
<thead>
<tr>
<th></th>
<th>Work with watershed partners to further implement science-based watershed plans and related management plans to protect, restore and enhance watershed health.</th>
<th>a. Continue to request and obtain municipal compliance through adoption of WSP recommendations into municipal documents, policies, zoning, guidance, etc</th>
<th>Ongoing</th>
<th>Pl’g &amp; Regs</th>
<th>Achieved significant progress in incorporation of Watershed Plan recommendations and mapping in the Whitby, Oshawa and Clarington Official Plan updates.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>b. Enhance Restoration &amp; Stewardship services program with a focus on implementation of WSP and CA management plan recommendations and actions</td>
<td>2019</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Complete</td>
<td>Funding received from Durham Region in 2019 for a restoration position which will advance restoration and stewardship work across our watershed. Annual funding of this position is required.</td>
</tr>
<tr>
<td></td>
<td>c. Continue to participate (lead or supporting role) in stakeholder projects to improve WSH health</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Ongoing</td>
<td>Many projects underway including tree planting, coastal wetland restoration, CA pit rehab.</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>d. Continue to support development of subwatershed plans</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Ongoing</td>
<td>Participated in 2 subwatershed plans - City of Oshawa on Columbus Subwatershed plan and work continues, Robinson/Tooley subwatershed study initiated by Clarington</td>
</tr>
<tr>
<td></td>
<td>e. As required by Provincial Plans, ensure that Watershed Plans are completed and updated</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Ongoing</td>
<td>5 Watershed Plans completed (2012-2013) and updates for each of the 5 are underway and near completion.</td>
</tr>
<tr>
<td>10</td>
<td>Continue to develop new plans and initiatives to protect surface and groundwater quality and quantity.</td>
<td>a. Complete and implement riparian restoration action plan</td>
<td>2017</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Complete</td>
</tr>
<tr>
<td></td>
<td>b. Continue to promote wetland protection and restoration</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Ongoing</td>
<td>Numerous projects and programs aimed at wetland protection and restoration continue. Coastal wetland projects continue.</td>
</tr>
<tr>
<td></td>
<td>c. Secure municipal adoption of Ecologically Sensitive Groundwater Recharge Areas in municipal policy, guidelines and zoning</td>
<td>Ongoing</td>
<td>Pl'g &amp; Regs</td>
<td>Ongoing</td>
<td>Progress made in Oshawa’s Official Plan Review. Dialogue continues with our watershed municipalities in their planned Official Plan conformity updates to implement the CTC Source Water Protection Plan (including Highly Vulnerable Aquifer and Significant Groundwater Recharge Area, and Intake Protection Zone mapping).</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Further develop CLOCA’s benthic program</td>
<td>2017</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Complete ✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Addressed through CLOCA Integrated Monitoring Program.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. Implement CA Management Plan Restoration Actions</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Significant restoration actions continue such as tree planting at CA’s, abandoned Pit Rehabilitation underway, hwy 407 compensation work at Heber Down, wetland enhancement at Lynde Shores.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>f. Develop Stewardship Program to protect GW Q &amp; Q focused on low impact development implementation and retrofits.</td>
<td>2019</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Complete ✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Funding received from Durham Region in 2019 for a restoration position which will advance restoration and stewardship work across our watershed. Annual request for funding of this position is required.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>g. Develop &amp; implement Restoration Prioritization Program</td>
<td>2017</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Complete ✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Board approved Program in June, 2019.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>h. Develop updated stormwater and hydrogeological guidelines for development</td>
<td>2018</td>
<td>Eng. &amp; Field Ops.</td>
<td>Good Progress</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Project was on hold pending release of anticipated provincial guidelines. Staff now proceeding with preparation of guidelines for consideration by the Board in 2020.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Continue to implement a land protection and acquisition strategy to capitalize on assets, protect watershed health and improve public access.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Enhance efforts for land acquisition in and around all existing landholdings</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Ongoing discussions with landowners regarding potential acquisition. Preparing detailed acquisition plans for CAs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Continue to work to seek partners to support implementation of the Lake Iroquois Beach Securement Strategy</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Continued efforts to establish funding needs.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>Continue to monitor, manage and evaluate the health of our natural resources and implement management actions where and when necessary.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>----</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Continue to implement all annual monitoring programs including regular program evaluation &amp; annual reporting</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Identify and implement management actions arising from monitoring</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Continue to support partnerships to impede the spread of invasive species”</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Continue to implement invasive species management in CA’s</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Significant achievement through CLOCA’s plan review efforts in supporting municipal public land acquisition in urbanizing portions of the watershed in West Whitby, Windfields in Oshawa and Courtice in Clarington.**

**Efforts continue to implement CLOCA’s Integrated Monitoring Program.**

**Focus has been on Coastal Wetlands Oshawa Second Marsh, McLaughlin Bay, Bowmanville, Lynde and Cranberry all receiving various amounts of management activity.**

**Examples of support provided. Continued partnership discussions/workshops. Updated CLOCA Invasive Species Management Plan being prepared.**

**Continue efforts to removed garlic mustard at Purple Woods**

**Continued removal of Phragmites at Heber Down CA.**

**Mapped over 30ha of CA land for invasive species**
<table>
<thead>
<tr>
<th></th>
<th>Identify appropriate opportunities for enhanced use/revitalization/optimal use of CA owned facilities.</th>
<th>a. Undertake a conservation land management strategic planning program review, and user needs assessment/market analysis</th>
<th>2019</th>
<th>Nat. Heritage &amp; Watershed Pl’g</th>
<th>Good Progress</th>
<th>Project underway with community engagement occurring throughout 2018 and 2019. Final Plan expected to be complete 2020.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>b. Updating existing CA management plans and continue to develop CA management plans for CA areas with strong public use</td>
<td>2020</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>No Progress</td>
<td>To be initiated following CA Master Plan project.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Continue to improve conservation areas by building capacity for land management and by investing in innovative public infrastructure as appropriate.</td>
<td>a. Enhance volunteer partnerships to help meet land management needs</td>
<td>Ongoing</td>
<td>Community Engagement</td>
<td>Ongoing</td>
<td>Corporate partners include Ikea, TD Tree Days, RBC, CN Railway and Deloitte in conservation area tree plantings, trail and public use infrastructure projects. Conservation Area Trail Stewards Program approved by Board in 2019.</td>
</tr>
<tr>
<td></td>
<td>b. Undertake a conservation land management strategic planning program review, and user needs assessment/market analysis</td>
<td>2019</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Good Progress</td>
<td>Project underway with community engagement occurring throughout 2018 and 2019. Final Plan expected to be complete early 2020</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Updating existing CA management plans and continue to develop CA management plans for CA areas with strong public use</td>
<td>2020</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>No progress</td>
<td>To be initiated following CA Master Plan project.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Continue to implement the recommendations identified in conservation area management plans and other conservation area management/planning documents</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Ongoing</td>
<td>Continue to work with partners in tree planting and trail restoration work at CA’s and entrance improvements and wetland restoration.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Develop a CLOCA Climate Change Adaptation and Mitigation Strategy.</td>
<td>a. Develop a CLOCA Climate Change Action Plan (CCAP)</td>
<td>2018</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Complete</td>
<td>Funding not received from the Region for a formal Plan. Alternatively, CLOCA will be making operating and purchasing decisions under the lens of reducing carbon emissions.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Align CLOCA planning documents with CCAP</td>
<td>2019</td>
<td>Pl’g &amp; Regs</td>
<td>Complete ✓</td>
<td>CLOCA will be making operating and purchasing decisions under the lens of reducing carbon emissions.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Begin Implementing recommendations of CCAP</td>
<td>2018</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Complete ✓</td>
<td>CLOCA will be making operating and purchasing decisions under the lens of reducing carbon emissions.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Complete a hydrological assessment of climate change based on Environment Canada projections</td>
<td>2016</td>
<td>Eng. &amp; Field Ops.</td>
<td>Complete ✓</td>
<td>Assessment complete. Climate change data is made available to consultants and used internally to review development proposals.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. Position CLOCA for carbon footprint offsets with Conservation Area projects</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Ongoing</td>
<td>Staff continue to be engaged with provincial and federal governments regarding possible offset opportunities.</td>
<td></td>
</tr>
</tbody>
</table>

**Objective: Improve the Process**

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Continue to innovate and improve effectiveness of the planning and permitting approvals process including:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>o Developing and implementing formal agreements with interested watershed municipalities to identify service level expectations and deliverables; and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>o Identifying and implementing opportunities to make the planning and permitting process more ‘user friendly’ and easier to navigate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Enter into new/updated Memoranda of Understanding (MOU) on Planning and Regulation Services for all watershed municipalities</td>
<td>2018</td>
<td>Pl’g &amp; Regs</td>
<td>Good Progress</td>
</tr>
<tr>
<td></td>
<td>b. Leverage Information Management System (IMS) to improve efficiency of permit administration.</td>
<td>Ongoing</td>
<td>Pl’g &amp; Regs</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>c. Refine and innovate On-line mapping tool</td>
<td>Ongoing</td>
<td>Pl’g &amp; Regs</td>
<td>Ongoing</td>
</tr>
<tr>
<td>17</td>
<td>Continue to develop best management practices as well as green building standards for new development and work with municipal partners to encourage implementation.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>Prepare green infrastructure guidance document</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>Eng. &amp; Field Ops.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>Promote application of innovative green infrastructure and Low Impact Development (LID) techniques through site by site and infrastructure, development review, planning policy and regulation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Eng. &amp; Field Ops.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c.</td>
<td>Develop and promote database of completed green infrastructure projects and make publicly available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>Corp. Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Collaborate with partners to monitor and find solutions to current and future issues affecting our watershed (eg management of excess soil).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>Comment and participate in new Provincial Excess Soil Management Framework</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>Pl’g &amp; Regs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>Promote integrated and collaborative compliance and enforcement activities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pl’g &amp; Regs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## GOAL 3: Operate Responsibly & Sustainably
**Objective: Be Financially Secure**

<table>
<thead>
<tr>
<th>#</th>
<th>Activity</th>
<th>Details</th>
<th>Year</th>
<th>Responsible</th>
<th>Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>Explore opportunities to maximize efficiency of service delivery.</td>
<td>a. Benchmark service delivery against other similar sized CAs and develop service delivery performance measures</td>
<td>2017</td>
<td>CAO</td>
<td>Complete</td>
<td>Service delivery performance measures incorporated into Strategic Plan Implementation Report for each ongoing tasks. In addition, a client based service delivery standards and continuous monitoring has been developed. Other cost saving measures include bulk purchasing, increase in volunteer partnerships, and corporate building energy saving projects.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. Monitor service delivery performance measures</td>
<td>Ongoing</td>
<td>CAO</td>
<td>Ongoing</td>
<td>Delivery of Annual Strategic Plan Implementation Report</td>
</tr>
<tr>
<td>20</td>
<td>Develop innovative revenue generation initiatives from both public and private sectors</td>
<td>Continue to seek public grant funding and form new private sector partnerships</td>
<td>Ongoing</td>
<td>CAO</td>
<td>Ongoing</td>
<td>CLOCA has been successful in receiving several public grants in the last several years. In addition, new private sector partnerships have been established.</td>
</tr>
<tr>
<td>21</td>
<td>Explore new business models to assist in funding costs associated with conservation area operations.</td>
<td>Work with the Region of Durham in partnership with Durham CAs to formulate a funding proposal and formula for CA land management costs</td>
<td>2016</td>
<td>Corp. Services</td>
<td>Complete</td>
<td>Region of Durham approved a CA land management fund. Ongoing effort to attract private sponsorship at conservation areas</td>
</tr>
<tr>
<td>22</td>
<td>Maintain the fee schedule and rigorously secure payments in collaboration with municipal and key watershed partners.</td>
<td>Establish and maintain a fee schedule aimed at 100% cost recovery for corporate festivals (MSF, GWF)</td>
<td>Ongoing</td>
<td>Corp. Services</td>
<td>Ongoing</td>
<td>Completion of Annual Fee review Fees are reviewed and approved by the Board annually. Cost recovery continues to improve over time.</td>
</tr>
<tr>
<td></td>
<td>Explore opportunities to improve the effectiveness of the CLOC Fund to support fundraising and community engagement.</td>
<td>a. Consult with other CAs to identify successful models</td>
<td>2018</td>
<td>CAO</td>
<td>Complete ✓</td>
<td>Discussions to date have focused on the merits of community citizen membership. Research indicates the value of community citizens Board of Directors of a Fund is mixed. The sole advantage appears to be in fund raising. However, staff resources to maintain an active citizen Fund Board of Directors is high. CLOCAs staffing is better directed to existing program and services.</td>
</tr>
<tr>
<td></td>
<td>b. Investigate hosting annual fundraiser gala for CLOC fund</td>
<td>2018</td>
<td>CAO</td>
<td>Complete ✓</td>
<td>Staff will be recommending a series of celebration events throughout 2018 as opposed to a gala dinner. Staff will continue to investigate the feasibility of a new annual fundraiser event.</td>
<td></td>
</tr>
</tbody>
</table>

**Objective: Be More Efficient and Effective**

|   | Review decision-making policies and tools with a view to improve efficiency and effectiveness. | Ensure all Board approved corporate policy documents are reviewed at a minimum of 5-year intervals | Ongoing | CAO | Ongoing | New Board Administrative Policies and Meeting Procedures By-law approved in 2018. Updates to Corporate Personnel policy approved in 2019. |
|   | Modernize data management and accessibility and get more products to the public via the CLOCA website. | a. Enhance Web accessibility for citizen engagement interactions Online analysis and data dissemination. | Ongoing | Corp. Services | Ongoing | Continual effort to enhance software to make data more interactive. Volunteer Application Form enhanced and more accessible Internal IMS optimized to support efficient file management |
|   | b. Leverage monitoring data to provide user friendly maps and tools for the partners and public | 2016 | Corp. Services | Complete ✓ | Framework for CLOCA information portal is in place. Examples of user friendly mapping products include regulation limits, precipitation and groundwater data. |
|   | Work with municipal partners to strengthen collaboration and enhance the use of new technologies in development application and approvals processing. | Investigate the potential for providing access to partners for submitting, reviewing and providing access to the status of plan review and regulation requests | 2017 | Pl’g & Regs | Complete ✓ | Communicated in 2016 to municipal staff that electronic copies of submissions are welcome along with paper copies. Advancement of new technologies is an on-going effort. |
### 27 - Continue to identify additional opportunities to share resources and services with watershed municipal partners and adjacent Conservation Authorities (CAs).

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Status</th>
<th>Responsible Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Identify resource and service gaps and consult with adjacent CAs regarding potential sharing of resources</td>
<td>Ongoing</td>
<td>CAO</td>
</tr>
<tr>
<td>b.</td>
<td>Continue to promote and Shared Services Agreement for Application Development</td>
<td>2017</td>
<td>Corp. Services</td>
</tr>
</tbody>
</table>

CLOCA periodically used forestry staff resources from GRCA. No other service gaps have been identified that could be addressed through sharing of resources with other CAs.

### 28 - Establish a corporate culture, processes, policies and practices that support innovative thinking, staff recruitment and retention, information and knowledge transfer, staff training, professional development and successional planning.

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Status</th>
<th>Responsible Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Develop a staff successional policy</td>
<td>2016</td>
<td>CAO</td>
</tr>
<tr>
<td>b.</td>
<td>Enhance staff performance management reviews to reflect Strategic Plan Implementation</td>
<td>2016</td>
<td>CAO</td>
</tr>
<tr>
<td>c.</td>
<td>Develop corporate culture framework aimed at building an effective and healthy workplace.</td>
<td>2018</td>
<td>CAO</td>
</tr>
<tr>
<td>d.</td>
<td>Advance Staff skills, knowledge &amp; capacity through continuous education and skill improvement</td>
<td>Ongoing</td>
<td>CAO</td>
</tr>
</tbody>
</table>

- Board approved Successional Policy in June 2016
- Staff performance review forms have been refined to reflect Strategic Plan priorities.
- Staff performance review forms reflect corporate values identified in Strategic Plan. Annual staff performance reviews will reinforce effective and healthy workplace.
- Revised staff performance review forms to address continuous improvements. Formed partnership with Region of Durham to access staff development training.

### GOAL 4: Collaborate & Partner
Objective: Strengthen Existing Partnerships

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Status</th>
<th>Responsible Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Strengthen existing partnerships with watershed stakeholders, industries and groups to support greater linkages with Conservation Authority (CA) lines of business.</td>
<td>Ongoing</td>
<td>Community Engagement</td>
</tr>
</tbody>
</table>

To date working with Fatal Light Awareness Program, Toronto Zoo, YMCA Summer Camp, DAAC, DEAC, Ducks Unlimited Canada, Ontario Turtle Conservation Centre, Speaking of Wildlife, Windreach Farm, Scugog Shores Museums, Oshawa Community Museum, Soper Creek Wildlife Rehabilitation, UOIT
<table>
<thead>
<tr>
<th>30</th>
<th>Establish new approaches for meaningful engagement with municipal staff and elected officials.</th>
<th>b. Message CLOCA’s value to healthy living and community livelihood</th>
<th>Ongoing</th>
<th>Community Engagement</th>
<th>Ongoing</th>
<th>Partnered with Conservation Ontario to deliver message through media. Increased community partnerships assisted in delivery of message.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>a. Biannual present annual report to municipal councils</td>
<td>Ongoing</td>
<td>CAO</td>
<td>Ongoing</td>
<td>Presentations delivered in 2016 and 2018. Continue to meet with all newly elected officials within watershed to raise awareness of CLOCAs programs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. Establish Annual meetings with municipal staff to discuss programs and services</td>
<td>Ongoing</td>
<td>CAO</td>
<td>Ongoing</td>
<td>CLOCA staff continue to meet with municipal staff on a regular basis.</td>
</tr>
<tr>
<td>31</td>
<td>Complete a municipal staff training needs assessment and deliver technical workshops on a range of watershed-specific issues (e.g. LID, stormwater)</td>
<td>a. Review training needs and topics with municipal partners</td>
<td>2017</td>
<td>Eng. &amp; Field Ops.</td>
<td>Complete</td>
<td>Following meetings with municipal staff, a framework for determining training needs has been developed.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. Develop CLOCA workshop series</td>
<td>2017</td>
<td>Eng. &amp; Field Ops.</td>
<td>Complete</td>
<td>Following meetings with municipal Staff, a framework for determining training needs has been developed. LID Workshop held in 2017, 2018 and 2019 with more planned.</td>
</tr>
<tr>
<td>32</td>
<td>Continue to partner with community-based and government organizations to enhance watershed health and function through research and support for restoration and stewardship initiatives.</td>
<td>a. Ensure ongoing engagement with partners in restoration projects</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Ongoing</td>
<td>Examples of engagements. Continue to reach out to partners for coastal wetland restoration – DUC, Muni (3), ENGO’s (2), MTO, UOIT, Corporations (St. Mary’s and contractors)</td>
</tr>
</tbody>
</table>
### Objective: Build New Alliances and Create Connections

<table>
<thead>
<tr>
<th></th>
<th>Identify opportunities and secure resources to establish new non-traditional partnerships including partners who may have resources to share and a desire to optimize the use of these resources through collaboration.</th>
<th>2018</th>
<th>Community Engagement</th>
<th>Complete</th>
<th>Staff have engaged academic institutions in several programs related to water quality, aquatic health and information sharing. Efforts to establish additional partnerships will continue.</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>a. Research potential for academic institutions to assist with research and short term projects</td>
<td>Community Engagement</td>
<td>Complete</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Research corporate involvement with lands management and development</td>
<td>CAO</td>
<td>Complete</td>
<td></td>
<td>A number private corporations and companies were invited to participate in funding opportunities with no success. Efforts will continue.</td>
</tr>
<tr>
<td></td>
<td>Initiate discussions with potential partners</td>
<td>CAO</td>
<td>Complete</td>
<td></td>
<td>Discussions with potential partners did not identify any current opportunities. Internal process established to examine capacity building on an annual basis through staff performance reviews.</td>
</tr>
<tr>
<td>34</td>
<td>Explore and identify opportunities for capacity building with partner agencies by considering reciprocal staff exchanges and secondments.</td>
<td>2017</td>
<td>CAO</td>
<td>Complete</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Identify opportunities to encourage more community involvement and to engage those who are not currently connected to the watershed by:</td>
<td>2018</td>
<td>Community Engagement</td>
<td>Complete</td>
<td>To date we are partnering with Ikea, Rogers Media, Autism Ontario, Toronto Zoo, Whitby Doors Open, Envirothon &amp; Durham Counties Tourism. Staff continually seek new partnerships and alliances to advance watershed health.</td>
</tr>
<tr>
<td></td>
<td>o Enhancing our Volunteer Network Program to cultivate and expand the current base of stewards and watershed champions;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>o Consider the creation of a CLOCA Watershed Roundtable/ Advisory Panel with diverse stakeholders to provide advice and guidance on watershed-related issues;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>o Expanding community events and family-focused learning.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOAL 5: Advance Watershed Science &amp; Knowledge</td>
<td>Objective: Get the Answers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>----------------------------</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td><strong>36</strong></td>
<td>Support and enhance data collection, monitoring and research to fill current knowledge gaps, including gaps related to climate change.</td>
<td>a. Conduct gap analysis through integrated monitoring program development</td>
<td>2016</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Complete ✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Internal and external gap analysis complete and enhanced monitoring program developed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Through integrated monitoring program, continue to identify and address gaps - having consideration for available funding.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Implement measures to fill knowledge gaps</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Conduct regular needs assessment &amp; implementation of data mgmt, modelling capacity, storage &amp; equipment to ensure monitoring, assessment &amp; reporting needs are fulfilled</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Undertake continuous improvement &amp; advancement of integrated monitoring programs</td>
<td>Ongoing</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Program development to be initiated in 2020. Rescheduled due delay in funding for CLOCAs Stewardship/restoration program.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Support monitoring of mitigation and adaptation efforts to understand progress and share lessons learned.</td>
<td>Adopt a program to evaluate success of restoration efforts</td>
<td>2018</td>
<td>Nat. Heritage &amp; Watershed Pl'g</td>
<td>Some Progress</td>
</tr>
<tr>
<td></td>
<td>Program development to be initiated in 2020. Rescheduled due delay in funding for CLOCAs Stewardship/restoration program.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Explore opportunities to understand the ecological value of our watershed’s goods and services.</td>
<td>a. Complete Ecological Goods and Service Action Plan</td>
<td>2017</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Complete</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>b. Adopt environmental compensation protocol</td>
<td>2017</td>
<td>Nat. Heritage &amp; Watershed Pl’g</td>
<td>Good Progress</td>
<td>Task was delayed due to anticipated provincial guidelines. Staff are now in the process of formulating a compensation protocol. Target completion date is early 2020.</td>
</tr>
<tr>
<td>39</td>
<td>Invest in information technologies, modelling and innovative tools to improve the science and understanding of the current and future state of natural resources within our watershed.</td>
<td>Leverage and transform existing monitoring reports into an interactive science discovery tool for partners and the public</td>
<td>2018</td>
<td>Corp. Services</td>
<td>Complete</td>
</tr>
</tbody>
</table>

**Objective: Share the Knowledge**

|   | Explore opportunities to advance citizen science to undertake monitoring. | a. Conduct peer review of use of citizen science for informing agency level of knowledge | 2018 | Nat. Heritage & Watershed Pl’g | Complete | The work completed through the 2018 Bioblitz confirmed that a level of expertise is required to add value to scientific monitoring. CLOCA will pursue similar models in the future |
|   | b. Undertake pilot program to test relevance of citizen knowledge | 2019 | Nat. Heritage & Watershed Pl’g | Complete | 2018 Bioblitz took part in CLOCAs watershed and provided for an opportunity to peer review citizen science |
|   | c. Look for opportunities to engage citizen opportunities to improve awareness and understanding of the work we do | Ongoing | Community Engagement | Ongoing | Several new partnerships have been established. Developed Augmented Reality Sandbox facilitating citizens understanding of watersheds, topographic maps, landforms and geology and hydrology. Citizen Bioblitz held in 2018. |
| 41 | Identify and share knowledge, data, science and practices that community partners can use in their efforts to protect and enhance the watershed and to inspire positive actions and outcomes. | Develop, implement and showcase pilot projects to foster innovation | ongoing | Community Engagement | Ongoing | CLOCA continues to develop and show case new projects and products such as the award winning watershed story map. |
| 42 | Increase knowledge of the Authority’s data warehouse, tools and capacity and broaden access to data and information. | Develop mechanism to access information in support of other departments | 2017 | Corp. Services | Complete ✓ | Geocortex Web Mapping in place. Metadata Application (Website and Database)-Launched January 2018 Open Data Portal and tools-Launched January 2018 |
| 43 | Make information available to the general public in a format that is easy to access and understand. | Enhance CLOCA Information Portal - Story Maps, Maps, Online Analysis and Reporting | 2017 | Corp. Services | Complete ✓ | Geocortex Web Mapping in place. Continual advancements in user-friendly mapping products will be on-going. |
| 44 | Identify additional opportunities to share knowledge and information with partner organizations and adjacent CAs, including the use of citizen science and the application of new technologies. | a. Promote staff participation on Conservation Ontario’s working groups, technical committee and networking groups | Ongoing | CAO | Ongoing | Internal process established to consider involvement through the annual staff performance review. |
| | b. Leverage Shared Services Agreement for Application to provide the mechanisms for sharing | | 2017 | Corp. Services | Complete ✓ | Shared service agreements are in place with 5 conservation authorities. We continue to enhance shared IT services. |
| 45 | Continue to use science to develop and implement watershed plans and related management plans. | a. Conduct regular review and evaluation of integrated monitoring program | Ongoing | Nat. Heritage & Watershed Pl‘g | Ongoing | Completion of annual review Annual reflection and review component developed. |
| | b. Report on watershed health to inform watershed resiliency and cumulative effects | | Ongoing | Nat. Heritage & Watershed Pl‘g | Ongoing | Annual reports on Integrated Monitoring Program will be completed. |
REPORT

CENTRAL LAKE ONTARIO CONSERVATION AUTHORITY

DATE: January 21, 2020
FILE: APOA3
S.R.: 5673-20

MEMO TO: Chair and Members, CLOCA Board of Directors
FROM: Chris Darling, Chief Administrative Officer
SUBJECT: Revision to By-law 2018-1 Corporate Administrative and Meeting Procedural By-law

In 2018 the Board approved a new Administrative and Meeting Procedural By-law dealing with administrative governance matters such as mandate, roles, duties and indemnification of members of the Board of Directors and meeting procedures such as quorum, delegation rules and conflict of interest.

Through the recent review and update of CLOCAs Personnel Policy, a legal review of our employee indemnification policy was carried out. The policy was revised based on the legal opinion received. Accordingly, it is recommended that the Administrative and Meeting Procedural By-law be revised to reflect the updated indemnification wording provided by our legal review that would apply to the Board of Directors.

The current wording in the By-law is:

“Section 3.18 Indemnification of Members, Officers and Employees

The Authority shall maintain a liability insurance policy for Directors and Officers.”

It is recommended that Section 3.18 of By-law 2018-1 be revised to reflect the wording in our Personnel Policy which more clearly articulates indemnification provision.

RECOMMENDATIONS:

THAT Staff Report #5673-20 be received for information

THAT Section 3.18 of By-law 2018-1 Central Lake Ontario Conservation Administrative and Meeting Procedural By-law be revised to the following:

Section 3.18 Indemnification of Members

The Authority undertakes and agrees to indemnify and save harmless its Member and their heirs and legal representatives, respectively, from and against all costs, charges and expenses, including all amounts paid to settle an action or satisfy any judgement, reasonably incurred by any such Member in respect of any civil, criminal or administrative action or proceeding to which any such Officer, Employee or Volunteer is made a party by reason of being a Member (except in respect of an action by or on behalf of the Authority to procure a judgment in its favour) if;

• such Member acted honestly, in good faith with a view to the best interests of the Authority and within the scope of such Officer's, Employee's or Volunteer’s duties and responsibilities, and,
• in the case of a criminal or administrative action or proceeding that is enforced by a monetary penalty that such Member had reasonable grounds for believing that the conduct was lawful.
<table>
<thead>
<tr>
<th>#</th>
<th>Subject</th>
<th>Origin</th>
<th>Direction</th>
<th>Responsible</th>
<th>Expected Response</th>
</tr>
</thead>
</table>
| 1 | Lake Ontario Water Levels      | SR #5658-19| 1. Report #5688-19 be referred to the November 19, 2019 meeting for the following reasons and with the following direction to Staff:  
a. So that delegations from the Port Darlington Community Association and/or United Shoreline Ontario have time to register and appear to speak to the report;  
b. CLOCA staff shall engage in meaningful consultation with and seek input from United Shoreline Ontario and address the recent webinar that was prepared by United Shoreline Ontario and which CLOCA attended, and  
c. CLOCA staff obtain clarification from BAIRD regarding their comments in the report about the impact the St. Mary's Pier has had on erosion by starving the beaches along Cedar Crest in Clarington and specifically, whether BAIRD believes the pier is a significant contributor to erosion; and,  
d. Staff report back to the Board if there is a fee associated with c) above. | P. Sisson    | November 19, 2019       |