Present: Don Mitchell, Chair
Bob Chapman, Vice Chair
John Aker
Shaun Collier
Joe Drumm
Adrian Foster
Derrick Gleed
Ron Hooper
Joe Neal
John Neal
Gerri Lynn O’Connor
David Pickles
Nester Pidwerbecki
Tom Rowett

C. Darling, Chief Administrative Officer
B. Boardman, Administrative Assistant/Recording Secretary
H. Brooks, Director, Watershed Planning & Natural Heritage
R. Catulli, Director, Corporate Services
C. Jones, Director, Planning & Regulations
P. Sisson, Director, Engineering & Field Operations
R. Wilmot, GIS Systems Supervisor

Absent: Elizabeth Roy

The Chair called the meeting to order at 5:27 p.m.

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

ADOPTION OF MINUTES
Res. #71 Moved by D. Pickles
Seconded by T. Rowett

THAT the Authority minutes of September 19, 2017 be adopted as circulated.
CARRIED
DIRECTOR, DEVELOPMENT REVIEW & REGULATION
(1) Staff Report #5540-17 (Agenda pg. 1)
Re: Permits Issued for Development, Interference with Wetlands and Alteration to Shorelines and Watercourses – September 1 to 30, 2017

Res. #72 Moved by J. Aker
Seconded by B. Chapman

_That Staff Report #5540-17 be received for information._
CARRIED

DIRECTOR, WATERSHED PLANNING & NATURAL HERITAGE
(1) Staff Report #5541-17 (Agenda pg. 3)

Res. #73 Moved by R. Hooper
Seconded by T. Rowett

_That Staff Report 5541-17 be received;_
_That Central Lake Ontario Conservation Authority Comments on Draft Criteria, Methods and Mapping of the Proposed Regional Natural Heritage System for The Growth Plan for the Greater Golden Horseshoe, 2017 Environmental Bill of Rights Posting No. 013-1014 dated October 3, 2017 be endorsed; and_
_That Central Lake Ontario Conservation Authority Comments on Draft Agricultural System Mapping and Proposed Implementation Procedures Environmental Bill of Rights Posting No. 013-0968 dated October 3, 2017 be endorsed_
CARRIED

(2) Staff Report #5542-17 (Agenda pg. 19 – Presentation attached as Schedule H-1 to H-5)
Re: Ecological Services – Valuing natural areas within CLOCA

Res. #74 Moved by A. Foster
Seconded by B. Chapman

_That Staff Report 5542-17 be received for information; and,_
_That Ecological Services Action Plan attached to this report be approved_
CARRIED

Cont’d
DIRECTOR, ENGINEERING & FIELD OPERATIONS
(1) Staff Report ##5544-17 (Agenda pg. 38)
Re: LiDAR Mapping Acquisition - National Disaster Mitigation Program Application

Res. #75 Moved by N. Pidwerbecki
Seconded by G.L. O’Connor

 THAT Staff Report #5544-17 be received for information; and,
 THAT the Board of Directors endorse the submission of a funding proposal to the National Disaster Mitigation Program for LiDAR topographic mapping for the western portion of the Central Lake Ontario Conservation Authority watershed, in partnership with our local and regional municipalities.
 CARRIED

DIRECTOR, CORPORATE SERVICES
(1) Staff Report ##5543-17 (Agenda pg. 48)
Re: Open Information and Data Policy

Res. #76 Moved by T. Rowett
Seconded by S. Collier

 THAT Staff Report #5543-17 be received for information;
 THAT the Open Information and Data Policy be endorsed; and,
 THAT this policy be reviewed by management on an annual basis.
 CARRIED

ADJOURNMENT
Res. #77 Moved by A. Foster
Seconded by John Neal

 THAT the meeting adjourn.
 CARRIED

The meeting adjourned at 5:54 p.m.
Ecological Services: Valuing Natural Areas within CLOCA

Healthy watersheds for today and tomorrow
Background

• Watershed Management Plan Recommendation: to gain an understanding of the economic services that natural features in CLOCA’s watersheds provide and to use this information to build residents awareness about the social and economic value of natural areas through a communication campaign.
• Conducted in-house using the David Suzuki Foundation 2008 report “Ontario’s Wealth, Canada’s Future: Appreciating the Value of the Greenbelt’s Eco-Services” (Greenbelt Report)
What are Ecological Goods and Services?

- Ecological Goods and Services:
  - Goods = timber
  - Services = oxygen produced by forests that people breathe in

- Using the Greenbelt Report CLOCA calculated monetary values for the ecological SERVICES provided by forests, wetlands, successional habitats and rivers in CLOCA’s watersheds
What are Ecological Services?

- Forests and Successional Habitats:
  - Air quality
  - Climate regulation (carbon stored and carbon uptake)
  - Water quality and quantity
  - Soil formation, pollination, recreation and others

- Wetlands:
  - Climate regulation
  - Water quality and quantity
  - Waste treatment
  - Habitat
  - Recreation
Findings CLOCA Jurisdiction

- Forests = $36.2 million/yr
- Wetlands = $85.3 million/yr
- Successional = $7.5 million/yr
- River = $0.3 million/yr

- TOTAL - $128.9 million/yr

It is important to understand how valuable CLOCA’s natural areas are for maintaining personal and community health and well-being. In 2018, CLOCA will develop a series of communication products aimed at raising awareness about how natural areas benefit people.