



Carleton Place Urban Forest/River Corridor Advisory Committee

175 Bridge Street, Carleton Place, Ontario K7C 2V8

Tel: 613-257-6208 Fax: 613-257-8170

Email: jdmccready@rogers.com

Minutes of meeting November 27, 2019

7:00 p.m. CP Library Facility

Next Regular Monthly Meeting January 22, 2020 @ 7PM – CP Library Facility

Attendance:

Jim McCready (chair), Joanne Woodhouse, Ron Wood

Andy Kerr-Wilson, Councilor Toby Randell, Janet McGinnis, Doreen Donald, Jack Havel (CEPAC)

Absent: Dale Moulton

Member of the Public: None

1. Welcome-Approval of the Agenda
2. Minutes of October 23 meeting (already approved)
3. Minutes of the November 25, 2019 approved(Joanne Woodhouse/Doreen Donald)
4. Business Arising from October 23, meeting
 - None-being cover under this agenda
5. Presentation Mississippi Lakes Assoc. (Doreen Donald)
 - History
 - 1816 first European settlement on the lake / steamboats linking CP to Innisville
 - Geography
 - ~1200 properties on lake (~600 fulltime, 600 cottages – number of fulltime occupants is increasing), 55km of shoreline
 - 2 large and provincially significant wetlands (PSW) on the lake
 - Larger of the two PSWs covers 307 hectares at west end of lake where River enters the lake through Innisville wetland which is also one of the largest wetlands in Lanark County and is designated an Area of Natural and Scientific Interest (also includes a National Wildlife Area and Migratory Bird Sanctuary)
 - Mississippi Lake is the drinking water source for the Town of Carleton Place
 - Watershed
 - Drainage area of 3750 sq kms, headwater at Mazinaw Lake, about 268 lakes make up the watershed and elevation drops 210 metres
 - Lake Association
 - Mandate to foster and protect the environmental considerations of the lake, adhere to marine laws and act as conduit for landowners on the lake
 - 8 Directors, Committees include: environment, roads, communication, boating and recreation and municipal engagement (new)
 - Environmental Projects:
 - Ecological Modelling
 - Joint project with MVCA and Queens using variables input into computer modelling to simulate different resulting conditions in the

- lake (e.g. increase in lake temp by 3 degrees and what would happen), model predicted algae blooms within a 2-week window,
 - Water sampling conducted at 11 different sites for 3 years was input into the model
- Algae monitoring
 - With MVCA and MLA – blue green algae (BGA) increasing in the lake, last year blooms were in the narrows and into the middle lake, BGA seems linked to temperature spikes/climate change
- State of the Lake Report
 - Published annually, water results stable over the past few decades – good news but we cannot be complacent
- Loon Survey
 - Conducted with Mississippi Valley Field Naturalists and MLA
 - Loon population is doing well, 15% chick survival rate and average for north America is 10%
 - There is concern around increased boat traffic affecting loon population
- Invasive Aquatic Species Monitoring
 - European Frogbit, Cutleaf Pondweed, Eurasian Water Milfoil found
 - While not aquatic, MLA also monitors invasive phragmites, purple loosestrife
 - Eurasian Water Milfoil is of particular concern, it takes over quickly and greatly reduces recreational activities in a lake and significantly reduce property values and it is spreading through the lake
 - Conducted a manual pull of Frogbit at Innisville in 2019
- Fish Habitat Creation
 - Shoreline does not have a lot of woody debris
 - Worked with Watersheds Canada and installed ~20 bundles of brush into the lake at strategic locations to increase fish spawning habitats
 - Brush bundles are sanctioned by DFO
- Drone
 - Monitoring invasive species, cautionary buoys, algae blooms, and wild rice
 - Also doing some mapping on the lake
- Water Rangers
 - Citizen science project doing basic water sampling and testing,
 - MLA owns 10 kits which measure conductivity, temp, pH, dissolved oxygen, Secchi Depth (clarity of water), chlorine concentration, alkalinity, and hardness
 - All the data goes into a mobile app (open platform)
 - Data has shown consistent readings across the summer (June to Oct)
 - MLA would like to expand the program (waterrangers.ca)
 - Program also records incidental observations such as invasive species, odours, etc.
- Microplastics Survey
 - Conducted in 2019 in conjunction with Watersheds Canada
 - 100% of samples have microplastics
 - Predominant material found was fibre
 - Average concentration was 3.7 particles/litre (higher than average)
- Other areas of interest for the MLA
 - Fishing Tournaments (# of tournaments, boat speed, # of boats on lake)
 - Wild Rice
 - Septic Inspections
 - Natural Edge Program (rehabilitating and naturalizing the shoreline),

- Love Your Lake (education for residents on how their property measures up)
- Lake signage to educate the users of the lake (to be placed at CP Boat Launch)

6. Terms of Reference for the Committee

- Former terms of reference were 20 years old
- Jim drafted the TOR, comments received from the committee and Jim will send to Stacey Blair
- TOR will be valid until the election of the next council

7. Planning

- DP3-07-2019 75 Roe St, NAPA
 - Response to URFC committee comments on development of easement – developer does not want to plant within easement, no thought given to permeable pavement
- NU Globe Phase 1
 - South of Coleman, across from Lepine, landscape plan was good, in Carleton Place we request 2/3 of the burlap and wire be removed to have more root exposure
 - accept the tree conservation report but how Environmental Impact Statement has been implemented should have been undertaken before construction begins
 - **Recommendation to Staff and Council look at how developers are implementing the EIS prior to any construction with a holdback**

General conversation on Town development:

- OP and DP are being revamped to allow for more review of developments (one year to 18 months to completion)
- New positions being added at the Town to provide more oversight
- **Toby would like a copy stand mapped in the vicinity of Roy Brown Boulevard, big sugar maples. Jim to provide**
- DP 3 –12-2019 29 Roe St. Day Care
 - Private daycare, landscape plan in site plan is confusing, no species or sizes listed
 - What will happen to the existing trees
 - Landscape plan must address what is going to happen during the construction
 - Sugar maple in place of honey locust
 - Landscape plan needs number of trees along the fence and not mono culture
 - More trees at back of property
 - Consider permeable pavement
 - Response to comments has not yet been received
- Benson Auto Parts-10 Bennett St.
 - Comments received: landscape plan has been created, TR means tree, TPC was a typo, trees that can be protected will be try to be protected, permeable pavement recommendation was disputed by the committee
 - We need more information on permeable pavement. Ron & Doreen to look into it. Jim working with CA's to see where they stand.
 - **Town needs a LID strategy – permeable pavement, swails etc.**
 - Council should have it in the OP and a policy paper outlining the strategy, UFRC can assist
 - Then UFRC and planning will be properly supported

8. Joint Meeting with Environment Committee January 22. 2020

- Committee members should think about topics to be discussed
- **Doreen will give the presentation on the Mississippi Valley Watershed Plan**

9. Open House Interim Control By-law December 4, 2019 (4:30 – 7:30 open house format)

- Toby reminded the committee about the survey online that they are encouraging the public to fill out
10. Clarification of meeting dates 2020
Jan 22nd (couldn't get Wednesday in Feb and March so Thursday's Feb 27th and March 26th)
 11. Appreciation Night.
Majority of committee members will attend
 9. Other Business
 - New documentaries from the Lanark County Stewardship council: landowner clips, watershed movies
- Meeting adjourned 8:45pm

Meeting Dates for 2020

DATES:

- Jan 22, Feb 27, March 26, Apr 22, May 27, June 24, Sept 23, Oct 28, Nov 25