



Carleton Place

Urban Forest / River Corridor Advisory Committee

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To: Guy Bourgon, Director of Public Works and Kevin Alemany, Project Manager

Subject: Water and Wastewater Master Plan, Town of Carleton Place

The Carleton Place Urban Forest /River Corridor Advisory Committee has reviewed the Water and Wastewater Master Plan presentation shared as part of the Online Public Information Centre 1, February 10, 2022 – February 24, 2022.

The Committee's comments are as follows:

1. What impacts have been considered with respect to Mississippi Lake and water levels (drought) given the proposed significant increase in water being taken out of the River Corridor?
2. Has the Mississippi Valley Conservation Authority (MVCA) been involved in this process and has the MVCA's Mississippi River Watershed Management Plan been reviewed to assess impact on the watershed?
3. How will increased changes as a result of climate change be factored into the increase in water removal from the River Corridor?
4. Have Blue Green Algae and e-coli increases in the water column been considered in terms of water removal from the River Corridor?
5. What additional methods/processes (e.g. LID, etc.) have been considered to help reduce the water consumption from the River Corridor? Water conservation is an important part of the puzzle that should be considered to help reduce consumption.
6. How was the Evaluation of Alternative Solutions measured?
7. What renewable energy sources are being considered?
8. We understand that based on previous studies installing water meters is not cost effective, however has consideration been given to installing water meters in industrially zoned areas only? What mechanisms are in place that prevent a high water use industry from establishing themselves in Carleton Place and putting additional stress on water consumption?
9. Can the Town ensure that any trees that are removed as part of the WTP and WWTP facilities be replaced as per the Town Tree Canopy Policy?
10. Is the Town going to incorporate a system to prevent any untreated storm water runoff from discharging directly into the Mississippi River?
11. UFRCC supports the climate change mitigation opportunities that are presented. Will there be more information available on these opportunities and any studies or evaluations that are carried out?

12. What are the Inflow and Infiltration Reduction measures that were presented as an option to address the increased demand on the WWTP and could some of these be paired with the expansion to lengthen the life of the WWTP?
13. Does the Town have mechanisms (or could the Town implement mechanisms) that require new developments to incorporate stormwater management designs that lessen the load on the WWTP?
14. Will the expansion of the WWTP result in increased discharge volumes into the river and has the impact of this increased discharge on the river been assessed?

Thank you for the opportunity to comment. If you have any questions, please do not hesitate to get in touch.

Joanne Woodhouse, P.Geol.
Committee Member
Carleton Place Urban Forest/River Corridor Advisory Committee.