

COMMITTEE OF THE WHOLE
February 8th, 2022

Report #PD-2022-05
Noelle Reeve, Planner

MABERLY PINES UPDATE AND
LITTLE SILVER AND RAINBOW LAKE CAPACITY UPDATE

STAFF RECOMMENDATION(S)

It is recommended:

“**THAT**, Report #PD-2022-05 – Maberly Pines Update and Little Silver and Rainbow Lake Capacity Update, be received for information.”

BACKGROUND

The Township is waiting for formal comments from the Rideau Valley Conservation Authority (RVCA) and the Ministry of Environment, Conservation and Parks (MECP) regarding two scientific studies recently undertaken within the Little Silver and Rainbow Lakes subwatersheds.

One study is the Draft Hydrogeological Report prepared by BluMetric and the other is the results of the Lake Capacity Model undertaken by the MECP.

DISCUSSION

The Planner has had phone calls with both the RVCA and the MECP over the past two weeks and is waiting for their formal comments.

Overall, the RVCA indicated that the BluMetric study had been undertaken properly but they would like further detail on the locations of the mantles (area of sand on the edges of the tile beds proposed for the septic systems that will require sand to imported because the existing depth of soil is insufficient to dilute the nitrates from the septic systems).

Similarly, the MECP staff indicated that they had confirmed the same result that the Little Silver and Rainbow Lake Association President, Frank Johnson, had determined from the Lake Capacity Model. In other words, that the lakes are currently over capacity for phosphorus.

Mitigation methods will be needed for the lakes and for the development in Maberly Pines so as that development does not exacerbate the situation because the Maberly Pines lots are

located in the subwatersheds for Little Silver and Rainbow Lakes. The Planner expects that the letter from MECP will contain suggested mitigation measures.

OPTIONS TO BE CONSIDERED

Option #1 (Recommended) – This report be received for information. Recommendations be brought forward once the Planner receives the formal comment letters from the Rideau Valley Conservation Authority regarding the BluMetric Report and from the Ministry of Environment Conservation and Parks regarding the Lake Capacity Model results for Little Silver and Rainbow Lakes with suggested mitigation measures.

Option #2 – Council suggests actions to be undertaken.

FINANCIAL CONSIDERATIONS

None, at this time.

STRATEGIC PLAN LINK

Environment - Tay Valley continues to be known for its environmental policies and practices. Our residents have access to clean lakes and a healthy, sustainable environment.

CLIMATE CONSIDERATIONS

Mitigating the impacts of development on lakes and designing water and sewer services to be resilient will contribute to protecting water quality in the face of increased heat, drought, flooding and other negative impacts due to climate change.

CONCLUSIONS

This update is being provided to Council as there is a lot of public attention on these two issues.

ATTACHMENTS

None

Prepared and Submitted By:



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Planner**

Approved for Submission By:



**Amanda Mabo,
Acting Chief Administrative Officer/Clerk**