

**COMMUNICATION 132043**

Received From: Guy Bourgon, Director of Public Works  
Addressed To: Committee of the Whole  
Date: March 23, 2021  
Topic: Carleton Place Drinking Water System 2020 Annual Report

**SUMMARY**

The Ontario Clean Water Agency (OCWA) has provided the 2020 Annual Report for the Town's Drinking Water System. The report is a regulatory requirement of O. Reg. 170, which must be prepared prior to March 31<sup>st</sup> of the following calendar year. As the Owner, Council is required to review and accept this report and then make it available to the Public.

**BACKGROUND**

The report contains:

- a system process description;
- a summary of non-compliance issues and Ministry inspection findings;
- a summary of quantities and flow rates including comparison of this information to rated capacity;
- results of drinking water samples taken over the year; and
- identification of maintenance activities that occurred over the year.

**COMMENT**

There was an inspection undertaken by the Ministry of the Environment, Conservation and Parks (MECP) on February 20, 2020 in which the Town received a rating of 86.86%. This rating reflects adverse water quality and non-compliances which occurred in 2019 and were mainly attributed to missed sampling and some administrative issues. These issues were addressed to prevent a reoccurrence.

A review of historical flows has identified a steady increase in consumption due to growth and increased outdoor water use in the summer months, the latter being exacerbated by the dry conditions experienced in June and July 2020. This has necessitated the advancement of the planning for the expansion of our water treatment plant to 2021 with the scheduled undertaking of the environmental assessment. Funds have been included in the approved 2021 budget to undertake this exercise.

Although blue-green algae blooms were discovered on Mississippi Lake in 2018, there was no blue-green algae bloom identified in the source water by MECP in 2020, therefore no additional sampling was required to be undertaken by OCWA.

Test results for all parameters of drinking water produced at the Carleton Place Water Treatment Plant in 2020 were within acceptable levels.

**STAFF RECOMMENDATION**

THAT Council accepts the Carleton Place Drinking Water System 2020 Annual Report as information; and

THAT the report be made available to the Public via the Town's Website.