



**Corporation of the Municipality of Temagami**

**Memo No.**  
2019-M-010

**Memorandum to Council**

<b>Subject:</b>	Temagami North Water Inspection
<b>Agenda Date:</b>	<b>February 11, 2021</b>
<b>Attachments:</b>	TEM North Inspection; OCWA Response

**RECOMMENDATION**

BE IT RESOLVED THAT Council invite appropriate representatives of OCWA to the next Council meeting to discuss the need for a water conservation by-law or if assurances that the maximum rates capacity will not be exceeded can be achieved in other methods.

**INFORMATION**

On January 15, 2021, we received the Inspection report for the Temagami North Water System. This report is attached to this report. Page 11 of the inspection report outlines areas of non-compliance and requests responses by February 15<sup>th</sup>. OCWA's response is also attached to this report.

The first comment is that given the relatively short time frame, governmentally speaking, perhaps the Ministry could be asked to consider a two month turn around for future inspection reports rather than the present one month to ensure Council has appropriate time to review and consider responses prior to the responses being deemed the appropriate course of action.

OCWA's response for item two is an accurate reflection of what is presently happening. We have spent considerable time and effort over the past couple of years to ensure that the pumps and monitors at our water treatment facilities are operational and upgraded where necessary. One of the upgrades was to the PLC panels that are to provide the capabilities of managing certain aspects of the plants at a distance.

OCWA's response to item one may be an item Council may wish to get further information. During the review of records at the plant, it was noted that there were four days where the maximum daily intake of 328 cubic meters was exceeded. One of these days was due to water main flushing and was deemed to be acceptable under the operational restrictions. The other days where the maximum was exceeded were on June 18<sup>th</sup> 340 cubic meters, July 4<sup>th</sup> 329 cubic meters, and July 5<sup>th</sup> also 329 cubic meters. The water treatment and distribution system in Temagami North includes treatment capacity of 259.6 cubic meters and a water standpipe (tower) with a capacity of 732 cubic meters.

Prior to starting work on a water conservation by-law there does appear to be some questions that should be answered. First, the largest overage that has been blamed on usage during warm weather is 24 cubic meters. Given that our water taking and treatment operations can be controlled at a distance, is it not possible to reduce the intake and use some of the stored capacity in the tower to smooth out those time where demand is elevated? A second, related question, would be capacity of storage of water that has been pumped from Net Lake prior to treatment as it appears that the water taking on June 18<sup>th</sup> exceeded treatment capacity by over 100 cubic meters.

If indeed a water conservation by-law is required we can set to work on bringing examples to Council for their consideration, however, it may be possible to achieve the desired effect with more explicit instructions to our operators of the system.

**Respectfully Submitted:**  
**Craig Davidson**  
**Treasurer/Administrator**