

Ontario Clean Water Agency  
Northeastern Ontario Hub  
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December 1 2020

Town of Temagami  
P.O. Box 220,  
7 Lakeshore Drive  
Temagami, ON  
P0H 2H0

Attention: Craig Davidson, C.A.O.

Dear Craig,

As per the current Fixed Price Agreement with the Ontario Clean Water Agency, we are giving notice of possible capital expenditures for 2021. They were arrived at through consultation with operations staff. They require your careful consideration and approval before they will be incurred. OCWA would be pleased to quote on any of this work or the supply of the identified repair or component.

Many of these items are a carryover from previous years and require careful consideration. A proactive approach to repair and renewal in the long run, saves the municipality costs that can be incurred when work has to proceed on an emergency basis.

I would be happy to attend a council meeting and discuss and prioritize the issues identified in this letter.

*The estimated capital expenditures for 2021 are as follows:*

**Temagami North Water Plants**

Proposed Expenditure	Estimated Cost	Rational
Process PH on Filters #1 and 2	\$15,000.00	Plant optimization. Currently there is no online ph monitoring on either filter. Ph monitoring will allow for better operation and will assist in raw water fluctuation adjustment

CL17 (chlorine analyzer)	\$10,000.00	Due to the severity of the operation, if a unit breaks down in either Temagami North or South plant, the potential without a spare could be catastrophic.
CL17 replacement parts	\$750.00	A small list of breakdown parts should be on hand in case of minor breakdown
Chemical transfer pump	\$2,500.00	Currently the existing transfer pump is unreliable and needs to have a longer pickup.
Tower Interior and Exterior LANDMARK recommendation's	Earmarked for 2021	Interior and Exterior tank work, as per report. Town to assist in a RFP

### Temagami North Sewage Treatment Facilities

Proposed Expenditure	Estimated Cost	Rational
Desludging of Cells	\$60,000.00	The desludging of cells in an integral part of the operations of the system. Capital should be planned annually
Aeration Line Repair	\$2,500.00	Repair lines and headers for better treatment during desludge of cells
Temagami North Installation of UV system. Cambium Engineering working on the design as per Temagami	TBD	This work should be completed as per ECA and WSER regulation with regards to disinfection of the Effluent

### Temagami South Water Treatment Plant

Proposed Expenditure	Estimated Cost	Rational
Water plant	Engineering should be completed to allow for Top Man. to make an informed decision.	The backup plant for Temagami South has severe deficiencies with regards to the integrity of the plant. An assessment will need to be conducted with recommendations on a new train for backup to the existing plant that was installed in 2005/2006

Alum Chemical Panel	\$30,000.00	The existing chemical pumps have reached life expectancy and parts are unavailable. As per the North Plant, a plan for renewal is existing.
Chemical transfer pump	\$2,500.00	Currently the existing transfer pump is unreliable and needs to have a longer pickup.
Tower Interior and Exterior LANDMARK recommendation's	Earmarked for 2021	Interior and Exterior tank work, as per report. Town to assist in a RFP

### **Temagami South Sewage Treatment Facility1**

<b>Proposed Expenditure</b>	<b>Estimated Cost</b>	<b>Rational</b>

### **DWQMS and Response Required**

In regards to the recently implemented Drinking Water Quality Management System (DWQMS), a written response to this correspondence has become mandatory. Please provide your response to this letter at your earliest convenience, and if any decision is to be deferred to a later date, please advise as to the dates and particulars so that we can maintain the records as required by the province.

I hope that the above supplies you with an accurate estimate of capital requirements for 2021. However, despite best maintenance practices, unexpected equipment failures can occur as your facility ages. A contingency fund for such an event can make it much less painful.

Sincerely,

Victor Legault  
Senior Operations Manager  
Northeastern Ontario Hub,  
Ontario Clean Water Agency