



Ontario Clean Water Agency
Northeastern Ontario Hub
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September 26, 2023

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

Attention: Sabrina Pandolfo

Dear Sabrina,

As per the current Fixed Price Agreement with the Ontario Clean Water Agency, we are giving notice of possible annual maintenance expenditures for 2024. 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 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 Letter” for 2024 are as follows:

Temagami North Water Plants

Level of Priority	Proposed Expenditure	Estimated Cost	Rational
Could Possibly Go under North WTP Funding	Reporting Package	\$15,000	There is no reporting Package and if your Data Logger fails you will loose all your Required Historical Data
Could Possibly Go under North WTP Funding	Replace Raw PH Meter	\$10,000	The Current Meter is showing signs of failure and due to be replaced
Could Possibly Go under North WTP Funding	Tie In Filter PH to PLC	\$10,000	This will help with process Optimization

Temagami North Sewage Treatment Facilities

Proposed Expenditure		Estimated Cost	Rational
5 (Need to Budget for next every 5 years)	Sludge Clean Out (Last Completed 2021 just the lower cell)	75,000	Sludge should be regularly removed to optimize treatment and reduce on chemical costs
Funding	VFD's for sewage pumps to reduce hydro Costs	TBD	IESO Rebates available

Temagami North Sewage Pumping Systems

Proposed Expenditure		Estimated Cost	Rational
4	Data Logger	\$15,000.00	As Per the ECA we are required to record the total Raw flow being treated therefor a Data logger is require for recording this data to maintain Compliance.
7	Data Logger	\$15,000.00	Will Assist with Calculating amount of flow comes from Trailer Park

Temagami South Water Treatment Plant

Proposed Expenditure		Estimated Cost	Rational
Mandatory	External 3 rd party QMS Audit On Site	\$ 2,600.00	SAI annual 3 rd party audit on the QMS system. On Site
8	Waste Pit Float Repair	\$8,500.00	Replace all the Faults in the Waste Pit (5 Floats and Confined space to do Job)
2	Reporting Package	\$15,000	There is no reporting Package and if your Data Logger fails you will loose all your Required Historical Data
3	Replace Chemical Panel	45,000	Current Panels are failing continuously and are obsolete and in need of replacement
1	New WTP Train	TBD	We only have one operational treatment train and if it were to fail there would be no water for the town. Need redundancy

Temagami South Lagoon

Proposed Expenditure		Estimated Cost	Rational
5 (Need to Budget for every 5 years)	Sludge Removal (Last Completed in 2019 just the South Cell)	60,000	Removal of sludge to improve effluent Quality and reduce Chemical Costs
6	Data Logger	15,000	Required to record Raw flow into the lagoon. Also will help with recording ferric usage per day for trending and optimization.

Temagami N& S CLI ECA

Proposed Expenditure		Estimated Cost	Rational
Mandatory	Significant DW Threat Assessment	2,000.00	CLI ECA Deliverable Due October 17 2024 This is required for both the North and South Sewage facilities

Marten River Fire Hall

Proposed Expenditure	Estimated Cost	Rational
Replace UV System	\$ 10,000.00	It was recommended by the Health unit that the town installs a UV system with a shutdown feature in case of UV issues

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 2024. 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,

Bryce Logan
Operations Supervisor
Northeastern Ontario Hub,
Ontario Clean Water Agency