



STAFF REPORT TO COUNCIL

Report No: PW2023-32

September 25, 2023

From: Timothy Wright Director of Public Works

RE: Non-Budgeted Expenditure Maxville Sewage Station Pump Failure

Recommended Motion:

THAT Council of the Township of North Glengarry receives staff report PW202332,

And that Council approves the transfer of \$16,264 plus HST from the wastewater reserve for the purchase of a new pump for the Maxville sewage pumping station as an emergency expenditure as per the procurement policy.

Background / Analysis:

At around 23:00 on August 17th waterworks staff received a call for high level at the pumping station outside of the Maxville Manor. Staff found the breaker for one pump had tripped and the second pump running but not keeping up with flows. They tried resetting the breaker but it tripped immediately which likely indicated a short in the pump. The Foreman responded to assist the first operator on scene to help to pull out the second pump to clean out. They were then unable to reseat the pump in the proper position.

The Foreman called the Environment Manager to advise him at about 1:15. He made the decision to take the response vac trailer out with a pump to avoid a bypass. They hooked up the pump and bypassed the station. Staff were then able to go in and reseat pump 2 in its proper position. The pump was then tested pump and found to be pumping correctly and was able to keep up with flows.

The following morning an electrician came out to test the pump and confirmed the short. They disconnected the pump and it was brought into Cornwall for diagnostics where it was determined that the cost to rebuild the pump would not be worth the expense. The Environmental Manager procured three quotes and we were able to procure a pump through Surgeson for \$16,264.00 + HST.

Quotation Summary

Surgeson	\$16,264.00 + HST
Eastern Welding	\$17,806.00 + HST
Marleau	\$17,750.00 + HST

The best way to mitigate these failures going forward is to ensure that we have spare pumps ready to be placed into service. This however requires us to standardize our sewage pumps across the system. There is no benefit to early replacement as generally there is not a progressive failure and only a sudden stoppage. Having a replacement pump ready to go and temporarily bypassing with our response trailer is the best option. This brings other factors into play including storage which we are currently short on.

Alternatives:

N/A

Financial Implications:

\$16,264.00+HST to be taken from wastewater reserves as an unbudgeted capital expense.

Attachments & Relevant Legislation:

None.

Others Consulted:

Dean McDonald – Environmental Manager

Kimberly Goyette – Director of Finance/ Treasurer

Reviewed and Approved by:
Sarah Huskinson, CAO/Clerk