



Staff Report

Infrastructure & Public Works

Report To: Committee of The Whole
Meeting Date: 2 October 2017
Report Number: CSPW.17.092
Subject: Emergency Purchase – Repair of Wet Well Pump at Lake Shore Sewage Lift Station
Prepared by: Reg Russwurm, MBA, P.Eng., Director of Infrastructure and Public Works

A. Recommendations

THAT Council receive Staff Report CSPW.17.092 entitled, “Emergency Purchase – Repair of Wet Well Pump at Lake Shore Sewage Lift Station” for their information.

B. Overview

This report provides final cost details for the emergency pump repair at the Lake Shore Sewage Lift Station (SLS).

C. Background

In August 2016 Town Wastewater Operators began experiencing continual alarming of one of the 85 HP pump at the Lake Shore SLS. This pump is responsible for directing all sewage from the Camperdown area to the Thornbury Wastewater Treatment Plant via a forcemain connection. The alarm on the pump could not be cleared.

Given the integral role of the pump at the Lake Shore SLS, Staff pulled the alarming pump and shipped it to the manufacturer for assessment. This assessment indicated a seal failure and a worn out impeller. The pump required immediate repair. During the repair the 85 HP backup pump was in use to ensure no interruption to the SLS.

The Town’s Purchasing Policy requires that, in the event of an emergency purchase, “the User Division shall submit a memorandum to Council outlining the purchase and conditions that constituted an emergency, together with a source of funding, prior to the end of the quarter in which the emergency procurement took place.”

D. Analysis

As per the Town’s Purchasing Policy, an emergency is defined as the following:

“an unexpected interruption of an essential public service, including an emergency as defined by the Emergency Management and Civil Protection Act as amended or The Blue Mountains Emergency Response Plan.”

This repair falls under this element.

The pump was repaired by the manufacturer at a total of \$10,805 excluding HST. A crane was required to lift the pump out of the wet well and will be required to reinstall. The costs associated with the crane amount to a total of \$950 excluding HST (for removal and reinstallation).

Final Costs:

Pump Refurbishment	\$10,805
Crane	<u>\$ 950</u>
	\$11,755

Therefore, the total costs associated with this repair are \$11,755 excluding HST.

E. The Blue Mountains Strategic Plan

Goal #4: Promote a Culture of Organizational & Operational Excellence

Goal #5: Ensure Our Infrastructure is Sustainable

F. Environmental Impacts

Repairing the pump ensures minimal disruption to the Lake Shore SLS and mitigates potential for raw sewage overflow into the natural environment.

G. Financial Impact

The total cost of this repair, being \$11,755 excluding HST, will be absorbed by the 2017 Wastewater Operating budget.

H. In consultation with

Allison Kershaw, Manager of Water and Wastewater Services

Maurice Dempster, Wastewater Supervisor

Sam Dinsmore, Deputy Treasurer/Manager of Accounting and Budgets

I. Attached

None.

Respectfully submitted,

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