

July 29, 2021

Report To: Travis Rob, P.Eng., Manager of Operations & Facilities

From: Craig Miller, P.Eng., Environmental Superintendent

SUBJECT: Boundary Lift Station PLC Upgrade

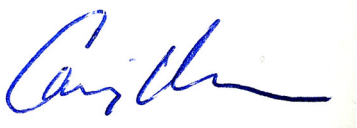
The Town of Fort Frances (through our partnership with OCWA) operate and maintain wastewater lift stations throughout the Town. Each of these lift stations are controlled by a programmable logic controller (PLC). The installed PLC's are early to mid 1990's vintage and do not match the PLC's used at the Wastewater Treatment Plant or the Water Treatment Plant. Accordingly, the Town's long-range financial plan and takes into account the need to upgrade the controls at the lift stations to match the PLC's used in both of our Treatment Plants – Delta V. This year, the Boundary Lift Station has been selected to undergo the first upgrade.

Lakeside Process Controls has provided a quotation of \$67,548 to complete this upgrade. The 2021 budgeted amount for this upgrade is \$64,800. The difference of \$2,748 would be taken from the Wastewater Treatment Plant Miscellaneous Capital Upgrades Budget.

The Town of Fort Frances and Lakeside Process Controls have a long-term maintenance agreement for support of our Water and Wastewater control systems. Further, Lakeside Process Controls is the sole source of Delta V control systems by Emerson Process Controls. We have a very good relationship with Lakeside Process Controls and they provide us with excellent support.

It is my recommendation that the Town of Fort Frances engage Lakeside Process Controls to upgrade the PLC controls at the Boundary Lift Station per Proposal #42877, dated June 9, 2021.

Respectfully submitted,



Craig Miller, P.Eng.
Environmental Superintendent