



## TOWN OF MINTO

**DATE:** November 3, 2017  
**REPORT TO:** Mayor and Council  
**FROM:** Mark Robertson Wastewater Foreman  
**SUBJECT:** Sewage Lift Station, Harriston Industrial Park

---

### STRATEGIC PLAN:

11.0 Maintain and enhance infrastructure to protect public health and safety, prevent property damage, maintain high quality of life, and effectively manage financial resources to ensure Minto is an attractive and viable community for family living and business investment.

### BACKGROUND:

At the 2017 budget discussion staff noted the John Street lift station was in need of repairs and upgrades. These included electrical upgrades to outdated panel that is currently operating with used parts because replacement parts are no longer produced, relocating electrical infrastructure to meet ESA standards and life safety improvements including repairs to a stairwell and railing. The John Street lift station services the new forcemain from the industrial park accommodate sewage from the area including Farm Fresh one of the Town's largest users.



To the right is a picture of what is expected to be the final appearance following upgrades. It includes a pre-cast building to house upgraded electrical equipment. This removes the equipment from the elements which will greatly improve its life expectancy and decrease maintenance. Budget for the work was estimated at \$140,000.



**COMMENTS:**

The project was designed and quotations prepared by Triton Engineering and electrical sub-consultant. During the design process the scope of work increase to address such things as operational control and enhancements to accommodate a SCADA system. This will allow on-call staff to access information on the lift station function remotely from home. Information provided through SCADA will help operators determine whether the site needs to be attended or whether adjustments can be made remotely or at a later time.

This work is specialized and Triton identified companies known to be qualified for this work including Xterra Construction, Finbilt General Contracting and H2Ontario Inc. who all submitted bids. The attached report summarizes Triton's review of the bids.

Council will note the lowest is more than double the budget estimate. This is due to the increase in the scope of work when the project was first considered. Among the elements that are more expensive is the pre-cast building, elevating the structure with retaining walls, and the price of some of the electrical works. According to the Triton report they believe some reduction can be achieved through negotiation with the lowest bidder. Xterra has completed work for the Town in the past. Most notably the William St. lift station upgrade in 2010. It should be noted that the detailed pricing in the bid is similar in all three quotes so staff and Triton do believe a reasonable market price was obtained.

**FINANCIAL CONSIDERATIONS**

Rather than reduce the scope of work it is recommended the project be awarded in 2017 to the lowest bid. There are two options to fund the work:

1. Include about \$140,000 in the 2018 budget to complete the work.
2. Fund the increased project cost from unspent waste water capital (\$78,000 Clifford sewer lining savings; \$65,000 manhole lining inflow/infiltration, and \$40,000 Palmerston wet well remain)

**RECOMMENDATION:**

That Council receives the Wastewater Foreman's November 3, 2017 report Sewage Lift Station, Harriston Industrial Park and the Triton Engineering November 3, 2017 Quotation Summary and awards the work referenced in the reports to XTerra Construction Inc. at an amount of \$255,539.96 including hydro and contingency but not including HST and that the additional cost be funded in the 2018 wastewater capital budget.

Mark Robertson, Wastewater Foreman