



# Corporation of the Municipality of Brockton

## Report to Council

**Report Title:** Green Municipal Fund Grant Agreement Walkerton Wastewater Treatment Plant

**Prepared By:** Colin Saunders, Director of Operations

**Department:** Utilities

**Date:** April 16, 2018

**Report Number:** UT2018-03

**File Number:** C11UT, E03UV

**Attachments:** [Green Municipal Fund Grant Agreement - WWTP](#)

---

### **Recommendation:**

That the Council of the Municipality of Brockton hereby approves Report Number UT2018-03 Green Municipal Fund Grant prepared by Colin Saunders, Director of Operations, and in so doing approves bringing a by-law forward to authorize acceptance of the Green Municipal Fund grant of \$17,900.00 to conduct a feasibility study to eliminate the discharge of chlorinated water from the Walkerton Wastewater Treatment Plant (WWTP) into the Saugeen River.

### **Report:**

#### **Background:**

Federal legislation mandates that all Walkerton Wastewater Treatment Plant (WWTP) effluent discharge is to be free of chlorine residual by 2021.

The WWTP currently disinfects the effluent discharge between April 1<sup>st</sup> and November 30<sup>th</sup> using gas chlorination.

#### **Analysis:**

The legislation requires that the discharge into the river be free of chlorine by 2021. The Municipality has options on how to proceed with the removal of chlorine in the discharge. One option is to continue using chlorine and utilizing a chemical that will neutralize the chlorine. The second option is to discontinue the use of chlorine and use UV (ultraviolet light) to disinfect the discharge.

The Municipality has retained B. M. Ross and Associates Limited to study the options available and present a report with their recommendations. The total cost for the study, including grant application fees, is estimated to be \$33,600.00

The Municipality applied for a grant from the Green Municipal Fund (GMF) to help with the cost of this study and were successful. We have received \$17,900.00 to fund up to fifty percent (50%) of the costs.

B. M. Ross and Associates Limited anticipate that the study will be completed by July 2018. Staff plan on bringing a recommendation and estimate forward for the 2019 budget deliberations.

### **Sustainability Checklist:**

What aspect of the Brockton Sustainable Strategic Plan does the content/recommendations in this report help advance? (More detail is available in the Sustainability Checklist on file and appended to this report.)

- Do the recommendations help move the Municipality closer to its Vision? N/A
- Do the recommendations contribute to achieving Cultural Vibrancy? N/A
- Do the recommendations contribute to achieving Economic Prosperity? N/A
- Do the recommendations contribute to Environmental Integrity? N/A
- Do the recommendations contribute to the Social Equity? N/A

### **Financial Impacts/Source of Funding:**

- Do the recommendations represent a sound financial investment from a sustainability perspective? N/A

The monies for this project will come from the 2018 Utilities Budget.

### **Reviewed By:**



Trish Serratore, CFO

---

### **Respectfully Submitted by:**



Colin Saunders, Director of Operations

### **Reviewed By:**



Sonya Watson, CAO/Clerk