



**The Corporation of the City of Cornwall**  
**Regular Meeting of Council**  
**By-law Explanatory Note**

Department: Infrastructure and Municipal Works  
Division: Environment  
Report Number: 2020-309-Infrastructure and Municipal Works  
Prepared By: Carl Goodwin, Division Manager  
Meeting Date: June 8, 2020  
Subject: Note to Sewer Use By-law and to repeal By-law 103-2003

**Purpose**

To update the Sewer Use By-law to include the operational costs associated with an extra strength surcharge to the sewer. The revised By-law updates the extra strength surcharge agreement and includes a compliance application and a compliance agreement.

**Background / Discussion**

The sewer use By-law describes the acceptable practices for discharges to the sanitary sewer and the storm water system. These practices protect the Corporation's infrastructure, protect the Wastewater Treatment Plant (WWTP) and protect the environment (toxic discharges to the St. Lawrence). The By-law contains a method where when there is no risk to the infrastructure or the environment to develop an agreement for discharges to the sanitary sewer above the By-law limit and recover the costs associated with treating the extra strength.

Through a consultant effort, the Wastewater Treatment Plant has quantified the operational costs associated with sewage treatment at the plant. There are some chemical parameters of a typical sewage discharge that have no hazardous consequences but they have only operational consequences and/or only operational costs. These chemical parameters in question are: Biological

Oxygen Demand (BOD), Total Suspended Solids (TSS), Total Phosphorus (TP) and Total Kjeldahl Nitrogen (TKN). The trend in some municipalities is to quantify these costs, recover these costs through an extra strength surcharge, develop a plan for compliance and make those costs and procedures transparent inside of the sewer use By-law. This allows for flexibility within the economic development initiatives, and the collection and treatment systems.

As such, the Sewer Use By-law extra strength agreement Schedule "A", now includes four parameters that could qualify for an extra strength agreement. In addition, the calculation used for the operational costs associated those parameters are included in the agreement. The previous By-law contained a compliance section "Section 8 – Compliance Agreement" although there was no compliance agreement template. This By-law contains 2 new schedules. Schedule "B" is an application template where perspective companies will present their implementation plan and schedule to eventually achieve compliance with the specified sewer use bylaw chemical parameters . Schedule "C" contains the agreement template that would be signed by both the perspective company and the Corporation.

The updates to the By-law are in line with updates occurring to sewer use By-laws within other municipalities in Ontario and Canada.

### **Report Approval Details**

Document Title:	Note to By-law - Sewer Use and to repeal By-law 103-2003 - 2020-309-IMW.docx
Attachments:	
Final Approval Date:	Jun 2, 2020

This report and all of its attachments were approved and signed as outlined below:

**Carl Goodwin - Jun 1, 2020 - 2:21 PM**

**Bill de Wit - Jun 1, 2020 - 3:01 PM**

**Maureen Adams - Jun 2, 2020 - 3:07 PM**