



The Corporation of the Municipality of Arran-Elderslie

Information Report

Report From: Mark O'Leary, Water & Sewer Foreman

Meeting Date: September 13, 2021

Subject: SRW. 21.30 Paisley Sewage Plant Monthly Exceedance

Attachments: None

Report Summary

The intent of this report is to provide Council with information regarding a monthly exceedance of E-Coli at the Paisley Sewage Plant.

Background

The Paisley Sewage Plant is required, through the current Certificate of Approval, to sample weekly for E-Coli. In the summer months, the allowable limit of Geomean concentration is 200cfu.

Analysis

In June 2021, the Municipality had a monthly Geomean average of 1330cfu. The exceedance was reported to the local Ministry of Environment, Conservation and Parks Inspector.

The exceedance occurred during the installation of the new UV Treatment System at the sewage plant. This project was a planned capital project for 2021. Due to the work that needed to occur, the sewage effluent being discharged to the river was not receiving full treatment which caused the exceedance.

Ministry Staff both locally and provincially were aware that the work was being completed on the system, and the shortfall in treatment.

The UV system was commissioned in early August, and although it is early, the initial results for E-Coli look excellent with the new treatment system.

Link to Strategic/Master Plan

N/A

Financial Impacts/Source of Funding

N/A

Approved By: Sylvia Kirkwood, CAO