



The Corporation of the Municipality of Arran-Elderslie

Information Report

Report From: Chris Legge, Water & Sewer Foreperson

Meeting Date: July 11, 2022

Subject: SRW.22.24 Riverside Overflow Event

Attachments: Bypass, Spill, or Leak Reporting Form & Sample Results

Report Summary

To provide Council with information regarding a recent extreme weather event that caused an overflow at the Chesley Riverside Lift Station.

Background

An extreme weather event late in the morning hours of June 7th caused an overflow event at the Chesley Riverside Lift Station.

Analysis

In the morning hours of June 7, 2022, an extreme rainfall weather event caused an overflow at the Chesley Riverside Lift Station. The downpour resulted in the lift station being overwhelmed with flow and a subsequent overflow occurred allowing 2.9m³ of diluted wastewater to be released to the Saugeen River. Staff made every attempt to prevent the overflow including jockeying lift station run times, and call-in vac trucks to help with the surge of flow. Despite those efforts the lift station still went to overflow.

Municipal Staff collected samples at the start of the overflow event, notified the Spills Action Centre, local Health Unit, Ministry of Environment Conservation and Parks, and the Saugeen Valley Conservation Authority. Those results were analyzed through our lab, and final notification was provided back to these authorities.

In early 2022, Council supported the Department with the implementation of a new bylaw fee for illegal connections. Many sump pumps and/or roof drains are illegally

connected to the system which produces an increased flow. This fee gave ratepayers a one-year grace period to disconnect their illegal connections to the system. If this has not been done, then there is a fee in the by-law to allow for an extra charge.

With the on-set of Covid it was agreed that enforcing these types of financial burdens was not appropriate at that time. Staff is now tentatively budgeting for smoke testing in late 2022 and using some of the already existing resources to begin removing these illegal connections in the near future.

Link to Strategic/Master Plan

6.1 Protecting Infrastructure, Recreation and Natural Assets

Financial Impacts/Source of Funding

Staff dealt with the Overflow event during regular working hours. The event started around 8:20am on the 7th and was resolved by 13:00pm

Additional funding was paid out to the contractor for the vac truck that arrived on-site. Those costs were close to five hundred dollars (\$500)

There will also be costs associated with courier and processing of the additional samples for the overflow event. Those costs will be close to one hundred fifty dollars (\$150) for the event.

Notification to the authorities will be done during regular business hours and will have no financial impact on the Department.

Approved By: Christine Fraser-McDonald, Clerk