

Recommendation:

That the C.A.O.-2021-44 report, dated November 16, 2021 regarding Drainage Issues at Coral Drive and Television Road be received for information.

Overview:

At the June 15, 2021, Council meeting, staff provided Council with an information report on the status of the drainage issues and beaver dams in the Coral Drive and Television Road area. That report indicated that staff would report back following further investigation and is attached for additional background information.

Conclusion:

Throughout the summer, Public Works staff attempted to remove portions of the beaver dam to determine if it enhanced the water flow in the area. Initially staff could see some success and water flowing although due to the rapid pace in which the beavers repair their structure it was difficult to notice any tangible results.

Staff did receive comments and significant information regarding the flow of water from the Otonabee Region Conservation Authority (ORCA), which are attached, essentially identifying that the culvert at Television Road is undersized for the 10-year storm.

Township staff met with Engineering staff from the County of Peterborough who reviewed the information and agreed with the comments provided by ORCA. Further discussion around the impact of the beavers and how to mitigate the issue with the dam(s) was also explored. Township staff identified that although the culvert at Television Road may be undersized for the 10-year flood event, throughout the summer months there was little water even reaching the culvert due to the beaver dams.

Staff had further discussions with Dr. Sue Carstairs, Executive & Medical Director of the Ontario Turtle Conservation Centre who indicated they were aware of the challenges with the beavers and had contacted an independent company to complete an assessment, review and ultimately provide a report including any recommendations for a solution to the lack of water flow and the neighbouring flooding in the area. The site visit is planned to occur in November, followed by a report that Dr. Carstairs has agreed to share with the Township.

Financial Impact:

There is no financial impact at this time.

Strategic Plan Applicability:

To effectively respond to the challenges of addressing the Township's municipal infrastructure needs as well as effectively managing the assets of the corporation.

Sustainability Plan Applicability:

N/A