

DATE OF MEETING July 17, 2019
AUTHORED BY PHIL STEWART, MANAGER, ENGINEERING PROJECTS
SUBJECT **BROOKWOOD PUMP STATION RETROFIT PROJECT**

OVERVIEW

Purpose of Report

To obtain Council's approval to add the Brookwood Pump Station Retrofit Project to the 2019 – 2023 Financial Plan.

Recommendation

That the Finance and Audit Committee recommend that Council approve the addition of \$250,000 to the 2019 year of the 2019-2023 Financial Plan for the Brookwood Pump Station Retrofit Project to be funded by Sewer Reserves.

BACKGROUND

The Brookwood Pump Station was constructed in 1980 and is located at the end of Brookwood Drive. An area of approximately 42 hectares comprised of primarily single family and multi-family residential lots is serviced by this pump station.

In September of 2018, during routine maintenance of the Brookwood Pump Station, significant corrosion of the internal piping was noticed by City Staff. A condition assessment was undertaken and the consultant concluded "*the mechanical and structural corrosion is significant and failure could occur at any time*".

The design of the retrofit has been fast tracked and is underway; construction can commence as early as fall 2019.

OPTIONS

- Option 1 – That the Finance and Audit Committee recommend that Council approve the addition of \$250,000 to the 2019 year of the 2019-2023 Financial Plan for the Brookwood Pump Station Retrofit Project to be funded by Sewer Reserves.
 - Immediate repairs will ensure that the pump station remains operational. The change to the budget will be included in a future Budget Bylaw Amendment for the 2019 – 2023 Financial Plan.
- Option 2 – That the Finance and Audit Committee direct Staff to budget for the Brookwood Pump Station Retrofit Project in a future year.

- Budgeting for the project in a future year will not impact the current budget; however, the inspection report for the pump station recommended that immediate repairs are required. Delaying the repairs to a future year will increase the risk of the pump station failing and sewer service being interrupted.

SUMMARY POINTS

- The Brookwood Pump Station requires a retrofit to address significant condition issues.
- The cost of the repairs is estimated at \$250,000 and can be funded from Sewer Reserves.

Submitted by:

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Concurrence by:

Poul Rosen
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