



Subject: Clarke Area Inflow and Infiltration Investigation and Reduction Program

To: Council

From: Public Works Department

Report Number: 2022-29

Meeting Date: February 8, 2022

Recommendation:

That Public Works Department Report 2022-29 be received;

That Council approve the estimated increased price of \$640,000 for the Clarke Area Inflow and Infiltration Investigation and Reduction Program; and

That the additional program costs be funded from the Wastewater Reserve.

Purpose:

This report is being written to inform Council of an increase in estimated costs for the Clarke Area Inflow and Infiltration Investigation and Reduction program and seek approval to fund the additional costs from the wastewater reserve.

Background:

At the September 27, 2021, budget meeting, Council approved the 2022 wastewater capital budget, which included \$250,000 for the City's portion for the Clarke Area Inflow and Infiltration Investigation and Reduction program. This program targets an area that was significantly impacted during the July 17, 2021, rainfall event, where more than 18 homes in the Clarke Area experienced sewer back ups. The program would only be completed if the City's application for Wet Weather Management, CSO Control Program funding from Niagara Region was successful.

Discussion:

In reviewing the scope of work in greater detail, and reviewing pricing received for recent similar programs, staff have determined that the original total budget of \$500,000 will not be sufficient to complete the entire program. Instead, a total budget of \$640,000 will be required; \$340,000 for the study portion and \$300,000 for illegal private side disconnections.

The Region offers 50% funding for studies, and 60% funding for private side disconnects; therefore, if approved, the Region would contribute \$350,000 towards the program, and the City's portion would be \$290,000.

The additional \$40,000 can be provided for from the Wastewater Reserve.

Staff recommend proceeding with the additional funds, should the Region approve the City's application.

Financial Implications:

The additional \$40,000 can be funded from the wastewater reserve.

Strategic Plan Alignment:

The initiative contained within this report supports the following pillar(s) of the strategic plan:

- City-Wide Investments in Infrastructure and Recreational/Cultural Spaces
 - Governance: Communications, Engagement, and Decision-Making
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Conclusion:

Approval of the extra funds required to complete the Clarke Area Inflow and Infiltration Identification and Reduction program will result in decreased flows in the Clarke Area. This will help reduce the potential for sewer back ups in this area.

Respectfully submitted,

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Report Approval:

All reports reviewed and approved by the Department Director and also the City Treasurer when relevant. Final review and approval by the Chief Administrative Officer.