



## Report to Council

Department: Infrastructure Services  
Division: Environmental Services  
Date: August 12, 2024  
Prepared by: Kevin Girard, P.Eng., MBA  
Director, Infrastructure Services  
Report Number: Environmental Services-2024-05  
Subject: Lakeshore-Essex Fringe Sanitary Servicing Study  
Number of Pages: 4

### Recommendation(s)

**That** Environmental Services-2024-05 entitled, "**Lakeshore-Essex Fringe Sanitary Servicing Study**" prepared by Kevin Girard, Director, Infrastructure Services dated August 12, 2024 be received, and

**That** Council appoint Stantec Consulting Ltd. to provide engineering services to complete the feasibility study to service the Essex Fringe area of the Municipality of Lakeshore with wastewater servicing in accordance with the completed request under Section 22 of the Town of Essex Procurement By-Law 2129 for a total cost of \$27,500 including non-refundable HST, to be paid for fully by the Municipality of Lakeshore.

### Purpose

To request Council to proceed with a post-budget approval to complete an engineering study to provide wastewater servicing to the Municipality of Lakeshore.

## Background and Discussion

In summer of 2023, the Town of Essex was approached by the Town of Lakeshore to evaluate the potential of servicing areas of the Town of Lakeshore with Town of Essex owned and operated wastewater systems.

It was agreed at that time that Essex would undertake the study at the cost of the Town of Lakeshore to evaluate the high-level feasibility of providing these services to the Town of Lakeshore, but that the evaluation of the feasibility in no way guaranteed the Town of Lakeshore Servicing without extensive evaluation and approval from the respective municipal Councils.

This study will assess the feasibility of servicing approximately 250+ existing residential properties as well as future development growth. The existing residential properties are all serviced by private owned onsite septic systems, which the Municipality has growing concerns about failure and pollution since it was first identified in their 2018 Water/Wastewater Master Plan. The study will evaluate the feasibility of servicing the Lakeshore-Essex fringe area using the Essex sanitary sewer system and treatment facilities, including local collection, conveyance, and treatment capacity assessment.

The cost of the high-level feasibility analysis is \$27,500 including non-refundable HST, which would be 100% recovered by the Municipality of Lakeshore. In fact, Lakeshore Council has already resolved at the meeting of Council on October 24, 2023:

*Approve the amount of \$27,500 (including applicable HST) to undertake a feasibility assessment in conjunction with the Town of Essex related to servicing the Essex Fringe area, to be funded from the Plans and Studies Reserve.*

*Carried*

Since the Town's engineer of record, Stantec Consulting has extensive experience and background knowledge of the Town's wastewater systems including extensive wastewater

modelling of Essex Centre, design and construction of the Essex Pollution Control Plant, and multiple background studies and environmental assessments related to Essex wastewater servicing that would require other consultants to undertake significant background study and works that would not be economical to the Town, it is recommended that Stantec be awarded the project.

Should the results of the assessment be practical for servicing the Lakeshore-Essex fringe area, Administration will report back on next steps in the evaluation, should there be any. The next steps may include:

- Evaluation of allocation of treatment capacity to Lakeshore
- Impacts to existing wastewater infrastructure
- Operating and maintenance agreement(s)
- Impact on growth in the Town of Essex
- Financial evaluation – including impacts to wastewater rates
- Strategic planning alignment

## **Financial Impact**

Since the Municipality of Lakeshore has agreed to pay 100% of the cost, there is no financial impact as a result of this report.

## **Consultations**

Kate Giurissevich, Director, Corporate Services/Treasurer

## Link to Strategic Priorities

- Embrace asset management best practices to build, maintain, and continuously improve our municipally owned infrastructure.
- Leverage our Town's competitive advantages to promote** jobs and economic investment.
- Take care of our natural environment and strengthen the sense of belonging to everyone **who makes Essex "home"**.
- Deliver friendly customer service in an efficient, effective, and transparent manner while providing an exceptional working environment for our employees.
- Build corporate-level and community-level climate resilience through community engagement and partnership and corporate objectives.

## Report Approval Details

Document Title:	Lakeshore-Essex Fringe Sanitary Servicing Study - Environmental Services-2024-05.docx
Attachments:	- Post Budget Approval.pdf
Final Approval Date:	Aug 7, 2024

This report and all of its attachments were approved and signed as outlined below:



**Kate Giurissevich, Director, Corporate Services - Aug 7, 2024 - 9:21 AM**



**Doug Sweet, Chief Administrative Officer - Aug 7, 2024 - 9:23 AM**