



The Corporation of The Town of Penetanguishene Committee of the Whole Report

COMMITTEE: Transportation & Environmental Services

COMMITTEE CHAIR: Councilor George Vadeboncoeur

SUBJECT: Proposed 5 Year Sanitary Sewer Maintenance Plan

REPORT: RDS-2025-04

REPORT HIGHLIGHTS

- Outline of proposed 5-year Sanitary Sewer Maintenance Plan (2025-2029), totaling \$2.2 million (Operating and Capital Budgets)
- Increased funding is required throughout the plan to increase the level of service provided and to minimize the reliance on high-cost capital improvements.
- Preventative Maintenance treatments are in keeping with Town's climate change action plan as they reduce the dependence on virgin aggregate resources and minimize greenhouse gas emissions.

RECOMMENDATION

THAT the proposed 5-Year Sewer Maintenance Plan be received for information.

BACKGROUND

To prolong and maintain the useful life of the Town sewer network, certain sewer sections are identified each year to undergo preventative maintenance, rehabilitation and replacement. Each of these measures helps to maintain, improve, and extend the life of the sewers and eliminate extraneous flows from entering the sanitary sewer system.

ANALYSIS

A listing of sewer sections and the preventative maintenance that is proposed as part of the Five-Year Sewer Plan is outlined below.

Year 2025

- | | |
|--|-----------|
| • Sanitary Sewer Flushing (Zone 2) | \$25,000 |
| • Sanitary Service and Main Repairs | \$35,000 |
| • Sanitary Manhole Structure Inspections and Repairs | \$10,000 |
| • Sanitary Sewer Grouting/Rehabilitation | \$20,000 |
| • (Capital Project) Fox Street Sanitary Sewer Rehabilitation | \$250,000 |

Total 2025 Operating Expense and Capital Expense **\$340,000**



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Year 2026

- Sanitary Sewer Flushing (Zone 3) \$25,000
- Sanitary Service and Main Repairs \$35,000
- Sanitary Manhole Structure Inspections and Repairs \$10,000
- Sanitary Sewer Grouting/Rehabilitation \$20,000
- (Capital Project) Sanitary Sewer Replacement Peel St
(Robert St E to Brock) \$610,000

Total 2026 Operating and Capital Expense \$700,000

Year 2027

- Sanitary Sewer Flushing (Zone 4) \$25,000
- Sanitary Service and Main Repairs \$35,000
- Sanitary Manhole Structure Inspections and Repairs \$10,000
- Sanitary Sewer Grouting/Rehabilitation \$20,000
- Sanitary Sewer Replacement Lucy St (Robert St E to Edward St) \$610,000

Total 2027 Operating and Capital Expense \$700,000

Year 2028

- Sanitary Sewer Flushing (Zone 1) \$25,000
- Sanitary Service and Main Repairs \$35,000
- Sanitary Manhole Structure Inspections and Repairs \$10,000
- Sanitary Sewer Grouting/Rehabilitation \$20,000

Total 2028 Operating and Capital Expense \$90,000

Year 2029

- Sanitary Sewer Flushing (Zone 2) \$25,000
- Sanitary Service and Main Repairs \$35,000
- Sanitary Manhole Structure Inspections and Repairs \$10,000
- Sanitary Sewer Grouting/Rehabilitation \$20,000
- (Capital Project) Waterfront Park Sanitary Sewer Rehabilitation \$250,000

Total 2029 Operating and Capital Expense \$340,000



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FINANCIAL IMPLICATIONS

The Five-Year Sewer Maintenance Plan is budgeted annually within the Town's Operating and Capital Budget.

The operating expenses with the maintenance plan are funded through the distribution portion of the Wastewater Division Operating budget (GL 1-4-4520-2010).

The larger infrastructure replacement and rehabilitation projects are funded through the Public Works 10 year Capital Plan.

RISK MANAGEMENT

All contractors retained by the Town will be fully insured, bonded, and have WSIB clearance to complete work within public rights-of-way.

COMMUNICATION & MARKETING

Not applicable.

RELEVANT BACKGROUND REPORT(S)

None.

COMMUNITY STRATEGIC PLAN

THEME 6 - Corporate Initiatives.

Objective 1: Implement Corporate action plans.

1. Prioritize, assess, and increase investment in the Asset Management Plan and Town infrastructure now and on an ongoing basis.

Prepared by: Tyler Haourt, Road Supervisor
Reviewed by: Bryan Murray, P. Eng, Director of Public Works
Natalie Forget, Deputy Treasurer
Approved by: Jeff Lees, CPA, CGA, Chief Administrative Officer
COW Meeting Date: February 12, 2025
Council Meeting Date: March 12, 2025

ATTACHMENTS

N/A

Electronic File Location:

[https://penetanguishene.sharepoint.com/sites/PublicWorks/Documents/Bryan/Projects/Municipal/2025 Projects/5 Year Sanitary Sewer Maintenance Plan/RDS-2025-04 5 year sewer maintenance 2025-2029.docx](https://penetanguishene.sharepoint.com/sites/PublicWorks/Documents/Bryan/Projects/Municipal/2025%20Projects/5%20Year%20Sanitary%20Sewer%20Maintenance%20Plan/RDS-2025-04%205%20year%20sewer%20maintenance%202025-2029.docx)