



REQUEST FOR DECISION

MEETING DATE: February 18, 2025

TITLE: Utility Systems Infrastructure Annual Report

DIVISION: Corporate Services

SUMMARY:

The Utility Systems Infrastructure Annual Report outlines the asset information and performance of the City's utility networks. It contains information on maintenance and inspection programs, demonstrating the resiliency of the utility systems and prudent investment in utility programs, through both operating and capital programs, by providing an overview of each utility system.

The Report supports the findings that the City's utility networks are operating well and provide safe and reliable service while maintaining pace with growth and capacity demands.

This report is presented in response to Council's Strategic Plan Item 8.b.1 - Report on annual inspections, maintenance, and management of the City's sanitary, water, and stormwater systems.

PROPOSED MOTION:

A motion is not required.

BACKGROUND / ANALYSIS:

Council's Strategic Plan identifies the importance of the utility systems as a pillar for environmental sustainability under the following goal:

Goal 8: The City, residents, and infrastructure are more resilient to the effects of climate change.

Objective b: Improve resilience of water management and natural infrastructure.

Action 1: Report on annual inspections, maintenance, and management of the City's sanitary, water, and stormwater systems.

Administration has developed and is presenting the first Annual Report on Utility Systems Infrastructure.

The report outlines the asset information and performance of the City's utility networks and contains information on maintenance and inspection programs, demonstrating the resiliency of the utility systems and prudent investment in utility programs by providing an overview of each utility system in the form of:

- Base information about the quantity, age distribution and condition of water mains, sanitary mains, and storm mains.
- An overview of the current City inspection, maintenance, and management programs.
- The current performance of the utility system in the form of a set of monitored performance indicators.

The Report supports the findings that the City's utility networks are operating well and provide safe and reliable service to customers while maintaining pace with growth and capacity demands.

Of note, the data in the report is current to December 31, 2023, and focuses on mains utility assets. Maps and tables within the report illustrate utility network age and condition. They too are current to December 31, 2023.

OPTIONS / ALTERNATIVES:

Council may request further information to be added to future reports.

CONSULTATION / ENGAGEMENT:

The Report is a result of collaboration and consultation among many City departments including Public Works, Finance, Business Advisory Services, Information Systems, and Engineering. The Report data is obtained from the City's Geographic Information System, Asset Management System, policies, and financial system.

IMPLEMENTATION / COMMUNICATION:

The report will be shared on the City's website.

IMPACTS:

The information in the report supports continued robust maintenance and inspection programs for utility assets in the city. It will also serve as a tool to support lifecycle planning.

FINANCIAL IMPLICATIONS:

n/a