



Stouffville

CLI-ECA Annual Report: Stouffville Sewage Collection System

ECA Number: 132-W601

Reporting Period: January 1st – December 31st, 2025

Report Prepared By: The Corporation of the Town of Stouffville

Introduction

The following report is presented in accordance with Environmental Compliance Approval (ECA) Number 132-W601, Issue 1, issued by the Ministry of Environment, Conservation and Parks (MECP) on August 1st, 2023. The ECA Document outlines the terms and conditions for operating the Whitchurch-Stouffville Sewage Collection System.

The Town of Whitchurch-Stouffville owns, operates, and maintains the Whitchurch-Stouffville Sewage Collection System, which consists of approximately 126 kilometres of gravity sewer mains, 2030 manholes, 317 metres of forcemains, and one temporary sewage pumping station. The Whitchurch-Stouffville Sewage Collection System serves approximately 43,160 residents and businesses in the community of Stouffville. The Whitchurch-Stouffville Sewage Collection System discharges into the York-Durham Sanitary System (YDSS), where the sewage is treated at the Duffin Creek Water Pollution Control Plant, which is managed by York Region and Durham Region.

Within the Final ECA Document, Schedule E, Sections 4.6 - 4.7 outline the annual performance reporting requirements for the Town to provide to the MECP and the public on an annual basis. This report presents the operational performance and activities undertaken to maintain the Whitchurch-Stouffville Sewage Collection System for the period of January 1st to December 31st, 2025. A copy of this report will be made available to the public on the Town's website.

Summary of Spills During Transitional Period

As per the requirements of any previous ECAs, the Town is required to report if any spills occurred during the transitional period of January 1st to December 31st, 2022. No spills occurred during the transitional period.

Summary of Monitoring Data, Conclusions for Future Alterations

The Town of Whitchurch-Stouffville undertakes an annual CCTV inspection program to survey the condition of both sanitary and storm sewer infrastructure. The areas selected for annual inspections are determined based age and known operational issues, as well as the length of time between surveys of each area.

In 2025, approximately 17 kilometres of sanitary sewer were flushed and inspected through the annual Flushing & CCTV Inspection program.

The Town will continue to replace older sections of sewer pipe in poor condition through its Capital Projects Reconstruction program. The annual CCTV inspections will be used to identify sewer sections in need of replacement, and sections with significant deficiencies will be a factor in establishing the priority of reconstruction projects in the Town's Capital Budget.

Summary of Operating Problems and Corrective Actions Taken

Four (4) sanitary lateral services were identified during the reporting period that were causing problems for the homeowners. These issues were found to be within the municipal portion of the service and required repair by the Town.

- 46 Victoria St: Sanitary lateral repair completed December 2025

- 52 Victoria St: Sanitary lateral repair completed December 2025
- 59 Merdock Crt: Sanitary lateral repair completed October 2025
- 539 Elm Rd: Sanitary lateral repair completed September 2025

One (1) damaged section of the Town’s sanitary main was identified and required repair.

- Baker St: Sanitary main repair completed December 2025

Summary of Calibration, Maintenance, and Repairs

The Town owns two GasAlert Max XT 11 units, which are used to detect potentially harmful gases prior to any confined space entry. Both devices were calibrated on October 6, 2025, and both units passed the inspection and calibration. Additionally, the Town has its own test cannisters and performs “bump tests” prior to any confined space entry.

The Town has identified approximately twenty (20) sections of sanitary sewer pipe totalling approximately six (6) kilometres where the lack of grade and velocity is an ongoing maintenance concern. These sections are inspected monthly and flushed by the Town’s sewer inspection and flushing contractor as required.

Summary of Complaints Related to Sewage Works

Below is a table summarizing the complaints received by the Town regarding the sewage collection system during the reporting period.

Type of Complaint	Number of Complaints	Actions Taken
Sewer Back-ups	19	<ul style="list-style-type: none"> • All complaints were investigated and addressed by Town Staff • Some incidents were identified as private plumbing issues with no issues on the Town side • Some issues required maintenance and repairs by the Town
Odour Complaints	4	<ul style="list-style-type: none"> • All complaints were investigated and addressed by Town Staff

Summary of Alterations to the Authorized System

The following Alteration to the Authorized System under the current CLI-ECA following reconstruction project was undertaken to replace various aspects of the Town’s infrastructure, including the sanitary sewer and service connections within the project area.

Edward Street Reconstruction – the reconstruction of Edward Street included the removal and replacement of the previous asbestos concrete sanitary sewer with PVC sewermain and PVC service laterals.

Treasure Hill (5481 Bethesda Road) Development – Addition of new sanitary sewermain and services to the Town’s system. Construction in 2026.

Fieldgate Bona (5731 Bethesda Road) Development – Addition of a new sanitary sewermain and services to the Town’s system. Construction anticipated in 2026.

Cam Fella Boulevard Phase 1 – Addition of new sanitary sewermain and services to the Town’s system. Application is currently under review.

Summary of Collection System Overflows and Spills of Sewage

The Town did not experience any CSOs, Spills of Sewage, STP Overflows or Bypass events during the reporting period. If a CSO, Spill of Sewage, STP Overflow or Bypass does occur, Table 6 will provide a summary of the event(s), including:

- Dates;
- Volumes and durations;
- If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E. coli;
- Disinfection, if any; and
- Any adverse impacts(s) and any corrective actions, if applicable.

Summary of Efforts Made to Reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses

In an effort to reduce the likelihood of collection system overflows, spills, or other adverse events, the reconstruction projects undertaken by the Town’s Capital Projects program replace sections of sanitary sewer that either have or are likely to cause maintenance issues. In 2025, the sanitary sewer on Edward Street was replaced as part of the Edward Street Reconstruction Project, which included approximately 200 metres of sewermain, manholes, and approximately 180 metres of service connections in the municipal right-of-way. The expenditure for the sanitary sewer works in this project were \$670,921.00.

The Town’s Capital Budget outlines future projects with sanitary sewer components that aim to improve the overall condition of the sanitary sewage collection system. These future 2026 projects include Reeves Way & Hoover Park I&I, Main St Reconstruction and Winona Dr Reconstruction.

The Town also conducts an annual sewer flushing and CCTV inspection program, to flush sections of sewer as required and perform CCTV inspections to assess the condition of a selected area of sanitary sewers, and other sections as required. In 2025, the expenditures for sewer flushing and CCTV inspection totalled \$61,210.70.