



Town of Pelham Stormwater Management System

Corporation of the Town of Pelham

2025 Annual Performance Report

January 1 to December 31, 2025

Ministry of the Environment, Conservation and Parks

CLI ECA No. 072-S701

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1.0 Introduction & Purpose

The Town of Pelham (Town or Pelham) owns and operates the Town of Pelham Stormwater Management System, which is operated under the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA), ECA Number 072-S701, issued by the Ministry of Environment, Conservation and Parks (MECP). The Town received its first CLI ECA on December 19, 2023.

This approval is similar to the Town's Drinking Water License. It allows the Town to alter, extend or modify the stormwater management system without requiring individual approval from the MECP or through the previous transfer review program administered by the Region for each project. The Town's approval is subject to various restrictions and requirements in the license. An annual report for the previous calendar year must be submitted to the MECP by April 30th, including the activities undertaken to improve the system, repairs and emergency response, system performance and future activities. This report will be made available to the public on the Town's website by June 1st for members of the public who wish to be informed of the Town's sanitary collection system performance from the previous year.

The annual report is required to address specific criteria related to operational performance, operating concerns, maintenance activities, customer complaints, and identified alterations to the system, which are listed in Schedule E, Section 5.0 of the Town's approval.

2.0 Description of Stormwater Management System

The Town of Pelham Stormwater Management System is a stand-alone municipal stormwater system that conveys runoff from developed land areas with more impervious surfaces to nearby watercourses. In some areas, the sewer flow enters a stormwater management facility, where some pollutants can settle before runoff enters a waterway. In rural areas of the Town, surface flow can more easily infiltrate the ground, and ditches capture runoff from roads.

The Town of Pelham’s Stormwater Management System consists of:

Asset	Count	Units
Storm Sewers	51,968	Metres
Maintenance Holes	764	Each
Catch Basins	2014	Each
Inlets (to SWMF)	9	Each
Outlets	53	Each
Oil-Grit Separators	10	Each
Stormwater Dry Ponds	7	Each
Stormwater Wet Ponds	11	Each
LID Facility	1	Each
Channel Storage	4	Each
	2	Each

Stormwater in Pelham is collected using a pipe network that ranges from 200mm to 1,500mm, though about half of the system is 450mm or less. The system is mainly composed of concrete, at 75%, while 22% is PVC and 3% other materials. The Town’s stormwater sewers are relatively young, with nearly 30% of the system built in the last 15 years. The average age of pipes based on length is 27.5 years.

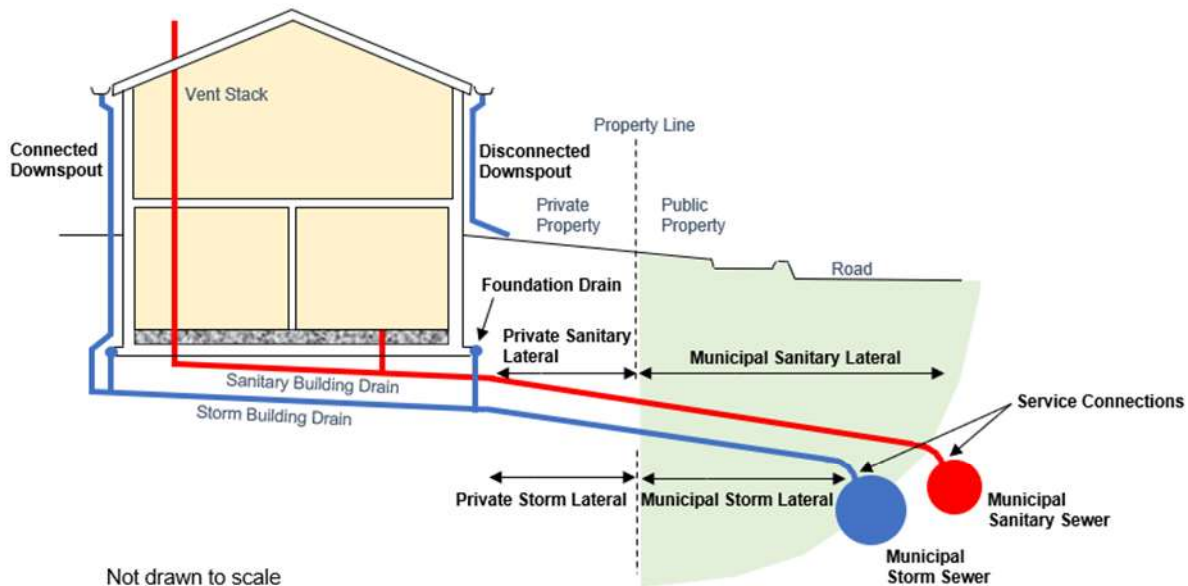


Figure 1 - Typical Separated Sewer System

3.0 Operations and Monitoring

The information reported below summarizes the current condition of the stormwater management system based on the Town’s computerized maintenance management system (CMMS), internal records, and field notes from operators, supervisors, and management. The data required to be reported on in the CLI ECA are listed in Schedule E, Section 4.6.

3.1 Monitoring Programs

Table 1 details the monitoring activities performed by Pelham staff or contracted services during the reporting period. Based on the data collected and reviewed, the system performed effectively and as designed. Currently, no major modifications are required for the management system.

Table 1 – Summary of Monitoring Programs

Program Title	Program Description	Program Data from the Reporting Period	Adverse Effects on the Natural Environment
Storm Sewer Flushing	Annual flushing on main storm sewers.	The Town's contractor flushed approximately 7,000 meters of the storm sewer system in 2025, and reports were provided to Engineering Services.	No.
CCTV Inspections	Annual CCTV inspection performed on the main storm sewers.	The Town's contractor inspected approximately 3,000 meters of storm sewer in 2025 and provided reports to Engineering Services.	No.
Semi-Annual Stormwater Management Facility Inspections	Stormwater Management Facility Inspection	Town staff conduct semi-annual inspections of stormwater management facilities to verify proper performance, identify any deficiencies, and prioritize necessary maintenance.	No.

Catch Basins	Routine inspection and cleaning.	Staff performed inspections on identified areas before and after weather events. The Town's contractor cleaned and inspected approximately 300 catch basins.	No.
Annual Maintenance Hole Inspections	Routine inspection by Town contractor.	The Town's contractor performed a NASSCO MACP - Level 2 inspection on approximately 160 maintenance holes in 2025.	No.
Inlet & Outlet Inspections	Routine and pre/post significant weather event inspections and maintenance.	Staff performed inspections in response to the weather. Post-event inspections are completed after a significant weather event.	No.
Semi-Annual Street Sweeping Program	Semi-annual street sweeping program for Fonthill, Ridgeville and Fenwick municipal roadways.	The contractor performed two passes (Spring and Fall) of approximately 80km of roadway in the urban areas of Fonthill, Ridgeville, and Fenwick.	No.
Bi-weekly Municipal Grass Maintenance	Bi-weekly municipal grass maintenance at stormwater management ponds.	By contractor or municipal staff, ensure that six (6) SWMFs are mowed regularly to maintain aesthetics within the Town. The grass at these ponds is only cut at the top (flattened) area.	No.

The Stormwater Management System CLI ECA Schedule E, Section 4.0 requires the Town to implement monitoring guidelines per the MECP guidance document within 24 months of its release. At the time of this report, the MECP has not published the guidance document.

3.2 Operational Challenges

All maintenance was performed on behalf of the Owner by a licensed Operator or a qualified contracted service provider who exercised due diligence to ensure that the works and related equipment were properly operated and maintained to achieve compliance with the Town’s license requirements. The Town of Pelham had no operational challenges within the Stormwater Management System.

Table 2 – Summary of Operational Issues and Corrective Actions

Date	Description	Corrective Actions
N/A	N/A	N/A

3.3 Inspections, Maintenance & Repairs to the Authorized System

In 2025, the Town of Pelham completed the development of its operations and maintenance manual for the stormwater management system. Throughout the reporting period, town staff have been actively implementing the manuals and additional requirements. The manual identifies the current and proposed future inspection, maintenance, and repair activities. Its details ensure the efficient operational performance of the stormwater management system.

Flushing & Closed-Circuit Television (CCTV) Inspections

In 2025, the Town of Pelham was in its second year of a three-year contract with Aqua Fast Flush to perform annual closed-circuit television (CCTV) and flushing on the Town’s stormwater management system. Approximately one quarter of the Town’s stormwater management system is inspected annually. Inspections for emergency repairs or customer concerns may also occur outside of this scheduled maintenance.

Annual Maintenance Hole Inspection Program

Beginning in 2025, as part of the Town’s annual maintenance programs, the Town contracts a contractor to perform NASSCO MACP – Level 2 inspections on approximately a quarter of the Town's storm maintenance holes. These inspections allow for any concerns or repairs to be addressed.

Main Sewers

In 2025, the Town of Pelham had zero (0) main sewer emergency responses.

Table 3 – Summary of Main Sewer Emergency Response

Date	Address	Concern	Resolution
N/A	N/A	N/A	N/A

3.4 Consumer Complaints

In 2025, the Town of Pelham received ten (10) complaints related to the Town of Pelham Stormwater Management System during the reporting period. Table 4 describes the types of complaints and the corresponding steps to address them.

Table 4 – Summary of Storm Sewer Complaints

Complaint Type	Location of Issue (Owner)		Resolution
	Public	Private	
Catch Basin Blockage	8	-	Staff responded and removed debris as required.
Inlet/Outlet Blockage	-	-	Staff responded and removed debris as required.
Stormwater Management Facilities	2	-	Staff responded to the site(s) and made the necessary repairs.

3.5 Major Structure & Equipment Calibration, Maintenance and Repairs

Table 5 summarizes activities carried out on major structure and collection system works that were not covered under the operational challenges section of this report.

Table 5 – Summary of Major Structure & Equipment Calibration, Maintenance and Repairs

Major Structure or Equipment	Summary of Work performed in 2024
Fall Arrest Equipment	All fall arrest and lifting devices were inspected during the reporting period.

3.6 Summary of Alterations to the Authorized System

The Town had two (2) applications for Alterations within 2025. These alterations were not completed by 2025 and will be included in future Annual Performance Reports as finished alterations.

Table 6 – Summary of Alterations to the Authorized System

Alterations to the Authorized System (Project Name)	Project Details	Does this Project Pose a Significant Drinking Water Threat (SDWT)?
N/A	N/A	N/A

3.7 Summary of Overflows and Spills

In 2025, zero (0) environmental incidents, such as overflows, bypasses, or abnormal discharge from the stormwater management system, were reported, and zero (0) spills related to the collection system occurred.

Table 7 – Summary of Overflows and Spills

Overflow or Spill Location	SAC/ MOECC Incident Number	Date (mm-dd-yyyy)	Volume (m ³) and Duration (estimate)	Adverse Impacts/Corrective Actions
N/A	N/A	N/A	N/A	N/A

3.8 Actions Taken to Improve or Correct Performance of System

Table 8 – Summary of Actions Taken to Improve or Correct Performance of System

Project	Project Description
Implementation of Operations and Maintenance Manual	The completion of the Operations and Maintenance Manuals in January 2025. Throughout the remainder of the year, staff focused on implementing new procedures and parameters outlined in these manuals.
The Orchards Stormwater Management Pond Cleanout	A consultant was retained to design the works undertaken at The Orchards SWMP. The consultant later assisted the Town in tendering construction work for the cleanout. In total, 190 m ³ of sediment was removed from the pond.
Timmsdale Crescent Stormwater Management Pond Cleanout	A consultant was retained to design the works undertaken at Timmsdale SWMP. The consultant later assisted the Town in tendering construction work for the cleanout. In total, 100 m ³ of sediment was removed from the pond.
Concord Street Stormwater Management Pond Cleanout	A consultant was retained to design the works undertaken at Concord Street SWMP. The consultant later assisted the Town in tendering construction work for the cleanout. In total, 40 m ³ of sediment was removed from the pond.
Annual Tree Planting Program	The Town awarded a contract to plant 44 trees in its boulevards, parks, and open spaces.
Regular Catch Basin, Outlet and SWMP Inspections	Inspections are performed at regular intervals, most often before, during, or after a significant wet-weather event.
Annual Flushing & CCTV Locations	Establishment of areas within the stormwater management system that require annual flushing or CCTV. These areas were determined by staff due to complaints, usual evidence of buildup during maintenance hole inspections, etc.

3.9 Status of Actions from Previous Years

Table 9 summarizes the status of actions for the previous reporting year.

Table 9 – Status of Actions from Previous Years

System Performance Improvement	Project Description	Year of the Improvement or Correction Action	Status of the Action
Development of Operations & Maintenance Manual	A consultant was retained to develop the Stormwater Operations & Maintenance Manual, a requirement under the Town’s CLI ECA. The project began in April 2024, with an estimated completion date of January 2025.	2024/2025	Ongoing.

4.0 Report Distribution

As required under Schedule E – Condition 5.2 of ECA 072-S701, the annual stormwater management system performance report will be available to the public at no charge on the Town’s website or through Public Request by June 1st of the reporting year.

Report Date: April 8, 2026



[Jason Marr \(Apr 8, 2026 10:55:20 EDT\)](#)

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