



2025 Annual Performance Report Stormwater Management System

January 1, 2025 to December 31, 2025

Township of Wilmot – Infrastructure Services Department

Last Revision: February 13, 2026



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List Of Abbreviations

Abbreviation	Definition
CCTV	Closed-Circuit Television
CLI-ECA	Consolidated Linear Infrastructure Environmental Compliance Approval
MECP	Ministry of the Environment, Conservation and Parks
O&M	Operations and Maintenance
SWM	Stormwater Management

1 Purpose

As per the Township of Wilmot's Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA), the owner of the Stormwater Management System is required to complete an annual performance report. The purpose of this report is to provide the system owners, council members and users a summary of the performance of the stormwater management system in the Township of Wilmot. This report will create a formal record of the performance of the stormwater management system with respect to the system operation and any alterations. This report satisfies the reporting requirements required by Schedule E of the Township's CLI-ECA (#078-S701).

The information in this report will be essential to aid in planning of infrastructure maintenance and repairs with respect to the Stormwater management system.

This report will be submitted to the Director of the Ministry of the Environment, Conservation and Parks (MECP) by April 30th annually. It will also be made available to the public by June 1st annually by publishing the report on the Township of Wilmot website. Additionally, the report shall be made available by request and without charge to members of the public who are served by the system.

2 Scope

This annual report for the stormwater management (SWM) system includes information for the period of January 1, 2025 to December 31, 2025, for all municipal stormwater management infrastructure located in the Township of Wilmot. This report does not include any infrastructure currently within unassumed development sites as these remain the responsibility of the developer to own and operate.

3 System Overview

The Township of Wilmot owns, maintains and operates the SWM system which consists of storm sewers, culverts, ditches, SWM facilities and outlets. The system is designed as a separate system for stormwater and does not convey sanitary or combined sewage.

SWM facilities are manmade infrastructure designed to protect downstream property from flooding and erosion by temporarily storing runoff and improving water quality by holding onto pollutant-laden sediment, preventing its release into the natural environment.

Stormwater management goals are:

- Maintain the natural hydrologic cycle
- Prevent an increased risk of flooding
- Prevent undesirable stream erosion
- Protect water quality

To remain effective, SWM facilities should undergo regular inspection, maintenance and monitoring so they continue to meet their water quality and quantity design objectives. Regular

inspection, maintenance, and monitoring of SWM facilities is also key to ensure that acceptable public safety standards are being met.

4 Inspections, Maintenance, Repairs and Improvements

The Township has created an operations and maintenance (O&M) manual which was finalized in January 2025. The O&M manual outlines procedures and schedules for inspections, maintenance and repairs.

Although many of the operating problems are found through regular inspections, problems are also discovered through a complaint process. Complaints are received on an ongoing basis and can be made through email, phone calls or in person.

4.1 Inspections

To remain effective, stormwater management systems undergo regular inspection and maintenance, so they continue to meet their design objectives. Regular inspection, maintenance, and monitoring of stormwater systems is also key to ensure that acceptable public safety standards are being met.

In 2025, inspections of all stormwater management ponds were completed at least once.

4.2 Maintenance and Repairs

A full list of maintenance and repair activities for 2025 are documented in Table 1.

Table 1: Maintenance and Repairs

Facility or Location	Maintenance and Repair Details
Overgrown brush around STWWMF2	Equipment used to clear brush around entire pond
High water level in STWWMF24	Outlet structure cleaned out and cleared of debris
Complaint received about a tree that had fallen on the property for STWWMF30	The tree was cleaned up and removed
STWWMF12 water level high after heavy rainfall	Currently working with the Township’s drainage superintendent to clean out stream downstream of pond outlet.
Linear Infrastructure	Annual CCTV program. In 2025, the program consisted of surveying 5,577m of storm sewers.
Catch basins	Annual Catch basin cleaning
STWWMF28	Inlet grate was repaired by installing new bolts to secure grate to the inlet headwall

Some facility repair and maintenance needs have been carried over to future years. Table 2 indicates the outstanding maintenance and repair needs and the action plan for these items.

Table 2: Future Required Maintenance and Repairs

Facility or Location	Maintenance and Repair Details	Plan for Completion
Various Stormwater facilities	Fence and gate repairs (STWMF3, STWMF5, STWMF7, STWMF9, STWMF14)	To be addressed in 2026
Various Stormwater facilities	Inlets and Outlets to be cleared of debris and sediment (STWMF1, STWMF4, STWMF5, STWMF6, STWMF12, STWMF14, STWMF16, STWMF17, STWMF19, STWMF21, STWMF23, STWMF29, STWMF32)	To be addressed in 2026
Various Stormwater facilities	Grates on inlet/outlet structure to be properly secured (STWMF2, STWMF6, STWMF17, STWMF20, STWMF23)	To be addressed in 2026
STWMF26	STWMF26 turf stone in need of repairs	To be addressed in 2026

4.3 Improvements

Major improvements are made to the stormwater system through Township Capital projects. Capital projects are completed to improve the function and efficiency of the stormwater system including the reduction in spills/overflows for the system. A full list of Capital projects is documented in Section 8 of this report.

In addition to Capital Projects to improve the system, the Township of Wilmot has commenced a Stormwater Master Plan project through a consulting firm. This master plan is planned to be completed in summer 2026 and will include a stormwater management plan and fee structure. This will inform stormwater maintenance activities, monitoring requirements and capital infrastructure projects in the future.

5 Monitoring Data and Environmental Trends

During the 2025 calendar year, no updates were made to the Township’s monitoring system. The Township is awaiting the release of the MECP’s monitoring guidance document to fully implement a monitoring plan. Updates to the monitoring system and procedures will be made accordingly as per the MECP guidance document when it is available.

As per the Township of Wilmot’s CLI-ECA, a monitoring plan will be developed and implemented no later than October 31st, 2025, or within 6 months of the date of publication of the MECP monitoring guidance, whichever is later.

7 Spills and abnormal discharges

There was one spill event within the stormwater management system in 2025. This spill originated from the blockage and broken sewer at 1473 Gingerich road in Baden. The spill



resulted in sewage spilling into a roadside ditch. In response, the operations supervisor contacted the MECP Spills Action Centre and the Region of Waterloo Public Health Unit. A form for the Grand River Conservation Authority was also completed based on the nature of the spill.

As per the Township’s procedures, in the event of a spill, the information will be reported to the MECP Spills Action Centre and the Region of Waterloo Health unit upon discovery.

8 Alterations

There were no Notice of Modifications submitted to the MECP during the reporting period. Alterations made to the stormwater system during the 2025 calendar year are recorded in Table 3.

Table 3: Stormwater Management Alteration Projects in 2025

Project	Project Stage	Sewage Works	Significant Drinking Water Threat?
Brubacher Street	Completed in 2025	Linear Stormwater Infrastructure	No
Wilmot Employment Lands	Commenced in 2024 and construction is ongoing	Linear Stormwater Infrastructure	No
Victoria and Boullee Reconstruction	Commenced in 2025	Linear Stormwater Infrastructure	No
Baden Trunk	Commenced in 2025	Linear Stormwater Infrastructure	No

9 Status of Actions from Previous Years

There were no actions present from any previous years that would require recording and tracking at this time.