



2025 Annual Performance Report

Town of Orangeville Stormwater Management System

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Introduction

The Corporation of the Town of Orangeville (herein referred to as the “Town”) is the Owner of the Municipal Stormwater Management (SWM) System, as per the Environmental Compliance Approval (ECA) No. 108-S701 (Issue Number:2) issued on April 21, 2026.

As per Schedule B of the ECA, the Town’s SWM system comprises 22 wet stormwater management ponds. The SWM system contains all other controls and appurtenances that are essential for the operation of the works. This Annual Performance Report details the work that was completed in 2025. While data gaps continue to exist, the Town has taken steps towards closing the gaps and obtain all data.

In 2025, the Town added two permanent positions; one to oversee the stormwater CLI-ECA and another to oversee the maintenance work that is required to maintain the stormwater infrastructure.

In March 2025, the Town developed a detailed work plan to achieve the requirements of the CLI-ECA. On October 29, 2025, all staff involved with managing stormwater and wastewater attended a ***Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) Requirements Workshop*** lead by Municipal Water Solutions Inc. In September the Orangeville ***Inspection, Operation and Maintenance Manual*** (‘O & M Manual’) for Stormwater Management Facilities was prepared by Montrose Environmental Solutions Canada Inc. and shared with all applicable staff.

Minor updates also included an amendment to the CLI-ECA (submitted in September 2025, approved in April 2026), primarily to add previously unassumed facilities and update associated addresses.

As part of the updates to the municipalities’ engineering and development standards, the town included provisions and details regarding stormwater management design, monitoring and reporting.

Annual Performance Report

In accordance with the ECA No. 108-S701 (Issue 2), Schedule E, Section 5.2, the Town, shall prepare and submit an Annual Performance Report to the Ministry of the Environment Climate Change and Parks (MECP) by April 30th of each calendar year. The report encompasses the period from January 1 to December 31 of the preceding calendar year. The Annual Performance Report shall include the following:

- a) A summary of all monitoring data along with an interpretation of the data and an overview of the condition and operational performance of the Authorized System and any Adverse Effects on the Natural Environment;
- b) A summary and interpretation of environmental trends based on all monitoring information and data for the previous five (5) years;
- c) A summary of any operating problems encountered, and corrective actions taken;
- d) A summary of all inspections, maintenance, and repairs carried out on any major structure, equipment, apparatus, mechanism, or item forming part of the Authorized System;
- e) A summary of the calibration and maintenance carried out on all monitoring equipment;
- f) A summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints;
- g) A summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threat;
- h) A summary of all spills or abnormal discharge events;
- i) A summary of actions taken, including timelines, to improve or correct performance of any aspect of the Authorized System; and
- j) A summary of the status of actions for the previous reporting year.

The information presented in this report was generated from the records maintained by the Town for the 2025 calendar year. Where there may be data or information gaps, dialogue is included to address these items in the 2026 reporting year if applicable.

O & M Manual

The Town of Orangeville's Inspection, Operation, and Maintenance Manual for Stormwater Management Facilities was finalized by a consultant in September 2025 and came into effect in 2026. The manual provides guidance on the inspection, operation, and maintenance requirements for the Town's SWM facilities and is intended to serve as a living document, to be updated as new facilities are assumed by the Town and technology advances in the industry.

Interpretation of Monitoring Data

This section includes a summary of all monitoring data along with an interpretation of the data and an overview of the condition and operational performance of the Authorized System and any Adverse Effects on the Natural Environment. Please

note that within 24 months of the publication of the Ministry’s Monitoring Guidance document, the Town will establish a Monitoring Plan which will direct the monitoring data that is collected. In the interim, the Town will continue with monitoring the stormwater infrastructure through the current regular checks and inspections that have been undertaken in the past.

Monitoring of the SWM system includes annual programs consisting of storm sewer main flushing and camera work, stormwater management facility inspections and maintenance hole repair or replacement. All programs help to sustain an effective infrastructure maintenance program that coordinates with the Town’s visions and values and asset management objectives.

Table 1 below details the monitoring activities performed during the reporting period. Based on the data collected and reviewed, it has been determined that the system is performing adequately to meet demand and maintenance objectives. At this time there are no major modifications required to the SWM system. Continuous improvement, optimization and efficient management of critical assets remain a priority for the Town.

Table 1. Summary of Monitoring Programs

Program Title	Program Description	Adverse Effects on the Natural Environment
Storm Sewer Flushing	Reactive flushing due to storm main obstructions.	Not anticipated
Oil/Grit Separator Inspections	Reactive and as needed. The Town has four stormceptors (Gilford Street, Preston Drive, York Street and Bythia Street). Inspections occur every ten years.	Not anticipated
Ditch Inlet Inspections	Every other month and following ‘Significant Rain Events’.	Not anticipated
Outfall Inspections	Every other month and following ‘Significant Rain Events’.	Not anticipated
SWM Pond Inspection	As needed and following ‘Significant Rain Events’.	Not anticipated
Spillway Inspections	Occurs three times per year.	Not anticipated

Catch Basin Cleaning	Clean the main trunk annually each spring. One zone per year on a rotational basis.	Not anticipated
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Interpretation of Environmental Trends

This section summarizes the interpretation of environmental trends based on all monitoring information and data for the previous five (5) years. Please note that within 24 months of the publication of the Ministry’s Monitoring Guidance document, the Town will establish a Monitoring Plan that will direct which environmental trends the Town will be monitoring. As such there are no Environmental Trends to report on for 2025 and Table 2 has been intentionally left blank.

Table 2. Summary of Environmental Trends

Monitoring Data	Environmental Trend	Interpretation and Comments
N/A	N/A	N/A

Operating Problems and Corrective Actions

This section summarizes any operating problems encountered, and corrective actions taken. Operational problems are identified during regular monitoring. General operational issues typically involve ensuring that low-flow channels and discharge control structures remain clear of debris to support proper drainage and facility performance.

Table 3 below provides a summary of major operating problems requiring immediate corrective action to ensure that the system continues to function as designed. No operating problems were reported in the 2025 calendar year and as such Table 3 has been intentionally left blank.

Table 3. Summary of Operating Problems and Correction Actions

Operating Problem	Corrective Action	Date
N/A	N/A	N/A

Inspection, Maintenance and Repairs

Table 4 includes a summary of all inspections, maintenance, and repairs carried out on any major structure, equipment, apparatus, mechanism, or item forming part of the Authorized System.

All maintenance was performed on behalf of the Owner, by trained staff or qualified contracted service providers who exercise due diligence in ensuring the works and the related equipment are properly operated and maintained to achieve compliance with the Approval. All recorded inspections are provided in

Appendix A – Inspections. Repairs were prioritized based on customer complaints, safety considerations, and risks identified through stormwater system inspections.

Table 4. Summary of Catch Basin and Maintenance Hole Repairs

Repair Summary	Project Details
Annual Maintenance Hole Repair	Involves rehabilitating or replacing deteriorated maintenance hole components, such as covers, frames, chimney sections, or benching, to maintain structural integrity and safe access to the storm sewer system. Full list found in Appendix A – Inspections
Annual Catch Basin Repair	Involves restoring or replacing damaged catch basin components, such as frames, grates, or structure sections, to ensure proper drainage and safe operation. Full list found in Appendix A – Inspections
Invasive Species Removal	Invasive species removal, including phragmites, at SWMF 9 – Headwaters, was undertaken as part of outfall cleanout activities to maintain drainage function and improve access for inspection and maintenance.
Outlet Maintenance	Outlet control structure maintenance was completed at SWMF 9 – Headwaters to support proper flow regulation and maintain the facility’s overall operational performance.
Outfall Maintenance	Outfall maintenance at a storm sewer near Woodvale Court was completed to remove debris, sediment, and vegetation buildup, ensuring proper discharge and reducing the risk of localized drainage issues.

Calibration and Maintenance of Monitoring Equipment

This section includes a summary of the calibration and maintenance carried out on all monitoring equipment. Calibration and maintenance of monitoring equipment was not undertaken in 2025. As such Table 5 has been intentionally left blank.

Table 5. Summary of Calibration and Maintenance of Monitoring Equipment

Monitoring Equipment	Calibration/Maintenance	Date
N/A	N/A	N/A

Complaints

This section summarizes any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.

Complaints related to the Sewage Works received during this reporting period were not recorded. As such, Table 6 has been intentionally left blank. The Town is currently in the process of implementing a centralized complaint and reporting system to ensure future records are collected and stored in one location, allowing for efficient access and improved monitoring of historical trends.

During heavy rainfall events, the Town receives complaints and inquiries from residents regarding stormwater and flooding issues on private property, including basement flooding, where the cause is often determined to be private in nature and not related to municipal infrastructure. Residents are advised that where an issue appears to result from lot grading or grade changes, rather than Town stormwater management infrastructure, the Town has limited ability to resolve the matter. In many cases, complaints are related to impacts from adjacent private properties and are therefore referred to Bylaw for further investigation.

Table 6. Summary of Complaints

Complaint	Resolution	Date
N/A	N/A	N/A

Alterations to the Authorized System

This section summarizes all Alterations to the Authorized Municipal System within the reporting period including a list of Alterations that pose a Significant Drinking Water Threat.

Table 7 below summarizes the projects the alterations to the SWM system in 2025.

Table 7. Summary of Alterations to the Authorized System

Alteration to the Authorized System Project Name	Project Details	Does This Project Pose a Significant Drinking Water Threat (SDWT)?

Victoria Street and Ontario Street Road Reconstruction	All V-Grate catchbasins replaced with flat catch basins. All catch basins replaced and adjusted to final grade. Catch basin in front of 47 Ontario Street replaced with double catch basin.	N/A
Reconstruction of Third Avenue from First Street to Third Street	Third Avenue (Between First and Second Street): 118.1m of new 300mm storm sewer, 4 new 600x600 catch basins. Three (3) new 1200mm CBMHs.	N/A
Reconstruction of Third Avenue from First Street to Third Street	Third Avenue (Between Second Street and Third Street): 136m of new 300mm storm sewer, 4 new 600x600 catch basins. Three (3) new 1200mm CBMHs.	N/A
Reconstruction of Dufferin St., Andrew Ave., Bythia St. and Steven St.	Dufferin Street (Ontario Street to John Street), Bythia Street (Princess Street to end), Steven Street, Andrew Ave: Replaced all catch basin frame and grates and adjusted to final grade (19 total).	N/A

Spills and Discharges

This section summarizes any spills or abnormal discharge events.

Table 8 below summarizes any spills or abnormal discharges that occurred in the SWM system during the reporting period. No spills or discharges were recorded during the reporting period and as such Table 7 has been intentionally left blank.

Table 8. Summary of Spills and Discharges

Spill/Discharge Event	Details	Date
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N/A	N/A	N/A
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System Performance Improvements

This section includes a summary of actions taken, including frequency of improvement, to improve or correct performance of the Authorized System.

Table 9 below summarizes the capital and operating projects that were incorporated during the reporting period that had an overall positive impact on the system's performance.

Table 9. Summary of System Performance Improvements

System Performance Improvement	Project Description	Frequency
Catch Basin and Manhole Rehabilitation Program	Improve, repair and rehabilitate manholes and catch basin structures and investigate stormwater infiltration techniques. Work is carried out by a qualified contractor.	Annual (on-going)
Street Sweeping Program	Occurs in late spring through autumn. Streets are swept by a street sweeper. Debris such as leaf litter, sand and waste are carried away. This prevents the buildup of material and obstruction to the stormwater system.	Annual (on-going)
Storm Sewer Flushing	Annual storm sewer flushing was completed to remove sediment and debris buildup, maintain system capacity, and support the proper functioning of the storm drainage network.	Annual (on-going)

In 2025, Matrix Solutions Incorporated (a Montrose Environmental company) completed a Stormwater Management Facility Needs Assessment Report for the

Town. The report is being implemented in 2026 to help prioritize maintenance requirements for the Town's stormwater management facilities.

Previous Reporting Year Update

This section provides a summary of the status of actions for the previous reporting year. No actions were identified in the 2024 reporting year and as such there are no status updates to provide.

Appendix A – Inspections

Location of Catch Basin	Zone	Notices
Centennial CB @ C-line	5	
Alder St (C Line - Rayburn Rd) Bus Pad at Alder Arena	6	15
Maude Crt	6	6
315 Broadway	1	2
327 Broadway	1	1
Behind 85 Broadway (beside Town Hall)	1	5
Broadway – Eastbound Ln (56 Broadway – Townline)	1	15
54 Pheasant Crt	1	1
326 Blindline	1	
Second St (between 25 First Ave & 15 Second St)		
50 Church St	4	
N/E corner Mary St/Mill St	4	5
25 Townline	4	2
S/W corner Louisa St/ Elizabeth St	2	10
Hansen Blvd E @ Scott Dr	2	0
College Ave (Birch St - Blind line)	2	45
Edelwild Dr & Cedar Dr pathway	5	4
165 Burbank Cres	5	1

71 Cannon Crt	5	0
#67 - #127, & #158 Highland Drive	5	48
Jean Hamlyn Parking lot	2	2
Maintenance hole locations only		
35 Cameron Crt	6	0
26 Alder St	6	0
43 Abbey Rd	6	0
23 Abbey Rd	6	0
20 Settlers Rd	6	0
37 Settlers Rd	6	0
49 Biscayne Cres	6	1
18 Biscayne Cres	6	0
30 Glengarry Rd	6	1
96 Glengarry Rd	6	0
1 St Pauls Pl	6	0
1 Northampton St	6	0
14 Carlton Dr	5	0
38 Carlton Dr	5	0
36 Bythia St	4	0
46 Town Line	4	0
42 Margaret St	4	0
1 Buena Vista Dr	3	0
23 First St	3	0
80 Fifth Ave	3	0
118 Oak Ridge Dr	3	0
2 Murray Crt	3	0
220 Howard Cres	3	0
371 Marshall Cres	3	0
465 Jay Cres	3	1
344 Perry Rd	3	0
358 Perry Rd	3	0
344 Jay Cres	3	0
358 Jay Cres	3	0
HWY 9/ Rolling Hills Dr	3	0
233 Kensington Pl	2	0
19 Birch St	2	0