

# Town of Collingwood

## 2025 Annual Stormwater Management System Performance Report

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# Introduction

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The Collingwood Municipal SWM System is comprised of storm sewers, culverts, ditches, structures (catch basins, manholes, etc.), Stormwater Management Facilities (Ponds and Oil Grit Separators) and outlets. It is a separate system for stormwater only, which is not designed to convey sanitary sewage.

The Stormwater Management Facilities (SWMF) are designed to protect downstream property from flooding and erosion by temporarily storing runoff and improve water quality by holding pollutants and sediment, preventing its release into the environment.

The Town of Collingwood received its first Consolidated Linear Infrastructure – Environmental Compliance Approval (CLI-ECA) for Stormwater Management System effective February 28, 2023. ECA Number: 100-S701, Issue Number: 1

A requirement of the CLI-ECA is to produce an annual report that is submitted to the Director by April 30th of each year. The report must be made available to the public by June 1<sup>st</sup>, publishing the report on the Town’s website.

The following sections (as referenced in Schedule E of the CLI-ECA) are required to be reported.

## 5.2.2 Monitoring Data

*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.*

Not applicable currently. The monitoring plan to be developed and implemented in accordance with the Ministry of Environment, Conservation and Parks (MECP) guidelines (yet to be released) and CLI-ECA 100-S701 requirement, Schedule E Condition 4.1.

## 5.2.3 Summary of Environmental Trends

*A summary and interpretation of environmental trends based on all monitoring information and data for the previous five (5) years.*

Not applicable. Monitoring data will be compiled and reported once the monitoring program is set up. Monitoring programs, including environmental trends, are in the process of continued development. As such, future reports are envisioned to include historical data trending and expanded commentary on local and changing climate and seasonal weather patterns.

In response to Collingwood’s Climate Crisis, unanimously declared by the Town’s Council in 2019, Collingwood joined The Partners for Climate Protection (PCP)

program to maintain a healthy environment and sustainable future. Efforts have started on a Community Climate Change Action Plan that will provide strategies for the community to collaborate in reducing greenhouse gas emissions and adapting its natural, built, and social systems to the changing conditions.

#### 5.2.4 Operating problems

*A summary of any operating problems encountered, and corrective actions taken.*

There were no significant operational issues or corrective actions identified in 2025.

Operational maintenance included the removal of beaver dams from Black Ash Creek and clearing part of the drainage outlet of Cranberry Marsh, along with beaver activity within the Georgian Meadows Storm Pond. In the case of the storm pond, the beavers were addressed through approved Ministry of Natural Resources processes and dams/blockages removed to allow the pond to function as designed. Routine operational issues were identified and addressed through the maintenance and repair completed and summarized under Section 5.2.5

#### 5.2.5 Inspections, Maintenance and Repairs

*A summary of all inspections, maintenance, and repairs carried out on any major structure, equipment, apparatus, mechanism, or thing forming part of the Authorized System.*

All inspections, maintenance and repairs carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Authorized System was performed by Town Staff or a qualified contractor who exercises due diligence in ensuring works within the Authorized System are properly operated and maintained to achieve compliance with the requirements of the CLI-ECA. CLI ECA requirements include proper signage, operations manual, or monitoring plans.

At a minimum, monitoring inspections are carried out by Town staff on a bi-annual basis (spring and fall) and after significant rainfall events. For more comprehensive inspections and to aid in condition assessment, maintenance and repair project prioritization, a qualified engineering consultant has completed engineering inspections in past years.

Results of 2025 inspections reported that the SWMFs were in 'good' and 'fair' operation based on the inspection evaluation criteria.

Maintenance and repairs conducted on the Authorized System during this reporting period are outlined below in Table 5.2.4.A

Table 5.2.4.A

Equipment/ Operating Program	Description
Oil and Grit Separators (OGS) – Inspection O&M	OGS have been inspected and cleaned as required, with the most recent inspection completed in 2024.
Catch basin Cleaning	All catch basin cleaning activities have been completed – and will continue to be cleaned out on an annual/ semiannual basis
Closed-Circuit Television (CCTV) Sewer Inspections	Every 10 years, contracted service
Spills Inspection & Response	As needed, contract/ internal service
Street Sweeping	Seasonal – Internal and contracted service
Inlet/Outlet Cleaning	Seasonal/ post-event, as required, internal service
Sewer Cleaning/Flushing	Per inspection- contracted service
Stormwater Management Facility O&M	Per inspection – internal service

Based on inspections performed in 2025, the following maintenance work is planned for the near future starting in 2026 and outlined below in Table 5.2.4.B.

Table 5.2.4.B: Planned Maintenance Inspection Schedule Summary

Equipment/ Operating Program	Description
Stormwater Management Facilities (SWMF)	Complete annual pond inspections. Inlet/ outlet, pond, vegetation, and surrounding area inspections,
SWMF	For a 10-year inspection flush the pipes at the inlet and outlets and conduct camera inspections.

### 5.2.6 Calibrations and Maintenance

*A summary of the calibration and maintenance carried out on all monitoring equipment.*

This section is not applicable. The Town of Collingwood does not have any monitoring equipment overseeing the stormwater system.

## 5.2.7 Complaints

*A summary of any complaints received, and any steps taken to address the complaints.*

The CLI-ECA requires that the Town maintains a record of all stormwater-related Inquiries and the remedial actions taken to resolve them. Town staff make every effort to respond to residents in a timely manner.

All public inquiries, including those related to stormwater infrastructure, are received and actively managed by the Town's Customer Service Software Program.

All inquiries received are entered into the Town's Customer Services software platform software, which generates a work order to formally document the inquiry and of which can be assigned a priority level for addressing the concern.

Depending on the nature of the inquiry, the ticket is then assigned to the designated department with sufficient authority and capacity to review and address the scope of the inquiry. The assigned department is responsible for reporting back to the Customer Service Department or resident through the software system once the complaint has been investigated, and if appropriate addressed.

All work completed as part of this Customer Service software system is tracked through the workorders and are recorded under various subtypes for analysis and reporting.

All resident inquiries received were promptly investigated by Town staff.

Persistent issues are addressed through additional investigation, maintenance or repairs of infrastructure, or operational adjustments.

It should also be recognized that during heavy rain events, the Town may receive calls from residents who have issues with an increase in stormwater from neighbouring properties or basement flooding from lot drainage or sanitary connections. These issues were not included in this report because they are related to private property and not Town SWM infrastructure.

It should be noted that continuous improvements to both this software program and the overall processes are ongoing to better and more accurately report on such items.

In 2025, there were 59 inquiries received regarding the Town's SWM system. In some instances, there were multiple inquiries about the same issue. The following table summarizes the inquiries received during this reporting period.

Table 5.2.7 – Complaints Summary

Total Number of cases received		59	
Number of cases closed		26	
Number of cases with active workorders		33	
Number of Inquires by type	Type of Inquiry	Description	Action Taken
3	Catch basin	Concerns about catch basins, including clogging, structural damage, odour, poor drainage, and spills.	Clear blockages, repair/replace damaged catch basins and grates fix drainage problem present
16	Blocked Culvert	Concerns about culvert blockages and restrictions due to sedimentation, debris, vegetation or failed culvert	Clear Blockages and/or restrictions, repair and or replace
25	Ditch Maintenance	Concerns about ditch flow, water in ditch, standing water, poor drainage, vegetation and overgrowth present	Remove vegetation, debris, regrade/reshape of complete maintenance ditching if deemed a concern to system
1	Storm Pond	Issues related to the condition and maintenance, including structural problems, sediment build-up, vegetation overgrowth, and debris buildup, wildlife activity, particularly beavers causing obstructions or damming of water flow	Active beaver sites are regularly monitored, portions of dams are strategically dismantled to ensure proper water flow, and beaver managed through Ministry processes.
14	Other	Location specific concerns ranging from fallen trees to	Attend location, speak with

		general inquires on drainage	inquirer and take the appropriate actions to address concern.
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**\*\*all works and timing subject to priority, operational resources and budget considerations\*\***

### 5.2.8 Notice of Modifications to the Authorized System

*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.*

The following table identifies Modifications which took place in 2025 on the Authorized System and of which were all completed by the Town of Collingwood through contracted services and inspection.

Location/Project Name	Works/Alteration	Threat Subcategory	Significant Drinking Water Impact	Status
Minnesota Storm Sewer Repair	Storm sewer installation and improvements	Storm Sewer System	No	Complete
St. Paul Street Renewal	Storm Sewer installation and improvements	Storm Sewer System	No	Complete
Fourth Street East Renewal	Storm sewer installation and improvements	Storm Sewer System	No	Complete
Third Street Bridge Rehabilitation	Bridge works with Strom sewer installation and upgrades	Storm Sewer System	No	Complete

#### Development Assumption into Town Storm System as Alteration

Location/Project Name	Works/Alteration	Threat Subcategory	Significant Drinking Water Impact	Status
Summit View Phase 1	Storm sewers and catch basins	Storm Sewer system	No	Assumed June 2025
Van Dolders Subdivision (Greco Court),	Storm sewers, catch basins and storm pond	Storm Sewer System	No	Assumed May 2025

### 5.2.9 Spills or Abnormal Discharge Events

*A summary of all spills or abnormal discharge events.*

No spills or abnormal discharge events were observed in 2025.

Any spills or discharge events that occur will be recorded and addressed in accordance with Part X of the Environmental Protection Act, Ontario Regulation 675 (as amended) and reported with notification (by telephone, and in writing) to the MECP Spills Action Centre, the Medical Officer of Health, and the MECP District Manager, as applicable.

### 5.2.10 Summary of Improvements

*A summary of actions taken, including timelines, to improve or correct performance of any aspect of the Authorized System.*

Performance improvements for the Authorized System have been summarized in Section 5.2.5 (Inspections, Maintenance, and Repairs) of this report.

In 2025, the main focus was related to SWMF inspections. Engineering inspections will determine if the removal of excess sediment from surface runoff is needed. This will be prioritized as these maintenance projects enhance the longevity and performance of SWMF by restoring them to their intended design.

The Town is also in the process of furthering the completion and development of its Stormwater Management Master Plan (SWMMP) with the proposed flood mitigation solutions for the next 25 years and beyond. The Plan will be completed in summer 2026 and will identify the most efficient solutions to address flooding issues within Collingwood in the long-term.

Along with the completion of this Stormwater management master plan, an Environmental Assessment was forecasted for 2026 to look at the Cranberry Marsh drainage outlets as part of a short to long term plan to determine if improved drainage options exist.

### 5.2.11 Summary of Status of Actions from Previous Year

*A summary of the status of actions for the previous reporting year.*

Since this is the third year of the annual performance reporting requirement, there are no pre-existing actions documented to report upon. New maintenance programs, objectives and best management practices will be implemented, and reviewed through the Town's Stormwater Master plan process to maintain the hydrologic

cycle, protect water quality, and prevent erosion and flooding.

The action items from this program are being tracked to improve future reporting metrics.