



TOWN OF
**SOUTH BRUCE
PENINSULA**

2025 Annual Performance Report

STORMWATER MANAGEMENT SYSTEM

Environmental Compliance Approval No. 094-S701



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1. Introduction

The 2025 Annual Performance Report has been prepared in accordance with the terms and requirements set out in Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) #094-S701, issued to the Corporation of the Town of South Bruce Peninsula on March 13, 2025, under the *Environmental Protection Act*, 1990. It covers the period of July 1, 2025, to December 31, 2025, and must be submitted to the Ministry of the Environment, Conservation and Parks (MECP) no later than April 30, 2026. The report must be made available to the public no later than June 1 of the same year.

The Municipal Stormwater Management (SWM) System serving various drainage areas within the Town of South Bruce Peninsula is a separate system for stormwater (i.e., it is not designed to convey sanitary or combined sewage). It operates within the Sauble River, Georgian Bay, and Lake Huron watersheds and includes drainage connections with the County of Bruce.

The Town’s SWM system consists of storm sewers, stormwater management facilities, and outlets. The ECA covers the entire municipal SWM system owned and operated by the Town of South Bruce Peninsula. It does not apply to municipally or privately owned sewage works located on industrial or commercial properties. The SWM system is only for the piped system and does not include open ended culverts.

2. Stormwater Collection System

The table below provides a summary of the Stormwater Collection System at the time of conclusion of the 2025 reporting period.

Table 1: Stormwater Collection System

System Type	Pipe Diameter (mm)	Length (km)	System Totals (km)
Storm Sewers	Up to 250	1.16	--
Storm Sewers	> 250 – 500	20.82	--
Storm Sewers	> 500 – 1,050	5.09	--
Storm Sewers	> 1,050	1.69	--
Total Storm Sewers	--	--	28.76
Ditches/Swales	--	--	--
Total System Length			28.50

The table below provides a summary of the Stormwater Management Facilities by type at the time of conclusion of the 2025 reporting period.

Table 2: Summary of Stormwater Management Facilities by Type

Facility Type	Basic Treatment for Suspended Solids*	Normal Treatment for Suspended Solids *	Enhanced Treatment for Suspended Solids *	Other Treatment Level for Suspended Solids**	Total Quality Control	Total Quantity Control	Total Number of Facilities
Low Impact Development (LID) Facilities – Retention (infiltration, evapotranspiration, harvest)			2			5	5
Low Impact Development (LID) Facilities – Filtration							
Stormwater Management Ponds – Wet (includes wetlands, hybrids)							
Stormwater Management Ponds – Dry						2	2
Super Pipe / Storage Facility							
Manufactured Treatment Device (MTD) – Filter Unit							
MTD – Oil and Grit Separators			1		1		1
Pumping Stations							N/A
Other							
Total Number of Facilities			3		1	7	8

* Basic, normal, and enhanced treatment correspond to 60%, 70%, and 80% suspended solids removal on an annual average long-term basis, respectively.

** Treatment levels below 60% suspended solids removal on an annual average long-term basis.

3. Annual Performance Report Requirements

In accordance with ECA #094-S701, Section 5.2 of Schedule E, the Town, as the Owner of the Municipal Stormwater Management System, shall prepare and submit a performance report to the Ministry of the Environment, Conservation and Parks on an annual basis.

Section 5.2 requires the Annual Performance Report to contain the following elements:

- 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 Environments.
- 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 thing 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.
- j) A summary of the status of actions for the previous reporting year.

The following report was generated from the records maintained by the Town for the reporting period of July 1, 2025, to December 31, 2025.

4. Compliance Measures

4.1 Monitoring

This requirement is not applicable at this time. A monitoring plan for the system will be developed and implemented in accordance with MECP guidelines and ECA requirements by June 1, 2027, or within twenty-four (24) months of the publication of the Ministry's monitoring guidance, whichever occurs later.

4.2 Environmental Trends

Once monitoring of the Stormwater Management System is implemented, environmental trends will be interpreted. Information and data for the previous five (5) years will be included.

4.3 Operating Problems and Corrective Actions

The table below provides a summary of the operating problems that required immediate corrective action to allow the system to function as designed.

Table 3: Operating Problems and Corrective Actions

Dates	Operating Problem	Corrective Action(s)

4.4 Inspection, Maintenance, and Repairs

Inspections of stormwater infrastructure are conducted proactively to identify issues and carry out maintenance before they become problematic. These inspections are performed by staff from the Public Works Department.

Table 4: Summary of Inspections of Stormwater Management System

Facility/Program Type	Program Description	Frequency	No. Completed in 2025
SWM Pond Inspection	Inspecting SWMFs to ensure compliance and minimize flooding risks	Will be detailed in O&M Manual	0/2
Catchbasin Inspection	Inspect catchbasins for structural integrity and identify any needed maintenance	Will be detailed in O&M Manual	541/589
Catchbasin Cleaning	Cleaning debris from catchbasins to allow for proper sump performance	Will be detailed in O&M Manual	541/589

Facility/Program Type	Program Description	Frequency	No. Completed in 2025
Maintenance Hole Inspection	Inspect structure conditions for structural integrity and identify any needed maintenance	Will be detailed in O&M Manual	15/39
Maintenance Hole Cleaning	Cleaning debris from maintenance hole to allow for proper sump performance	Will be detailed in O&M Manual	15/39
Sewer Cleaning/Flushing	Flush pipes to remove blockages	Will be detailed in O&M Manual	943m/28,500m
CCTV Sewer Inspection	Conduct CCTV inspections	Will be detailed in O&M Manual	943m/28,500m
Street Sweeping	Sweep streets to remove hazards to stormwater system	Will be detailed in O&M Manual	136km/218km hardtop roads
Outlet Inspection	Inspect outlets for structural integrity and identify any required maintenance	Will be detailed in O&M Manual	21/38
Outlet Cleaning	Remove debris from outlets to reduce flood risk	Will be detailed in O&M Manual	0/38
OGS Inspection	Inspect OGSs to assess whether maintenance is needed	Will be detailed in O&M Manual	1/1

Facility/Program Type	Program Description	Frequency	No. Completed in 2025
OGS Cleaning	Remove sediment from OGS units	Will be detailed in O&M Manual	0/1

The table below is a summary of all maintenance and repairs carried out on any major structure, equipment, apparatus, mechanism, or thing forming part of the Authorized System.

All maintenance was carried out by the Town or on the Town’s behalf by trained and qualified contractors, who exercise due diligence to ensure that the works and associated equipment are properly operated and maintained in accordance with the Approval.

Table 5: Maintenance and Repairs

Date	Work Description	Work Type

4.5 Monitoring Equipment Calibration and Maintenance

This requirement is not applicable at this time. A monitoring plan for the system will be developed and implemented in accordance with MECP guidelines and ECA requirements by June 1, 2027, or within twenty-four (24) months of the publication of the Ministry’s monitoring guidance, whichever occurs later.

4.6 Complaints

The Town receives public complaints regarding stormwater management infrastructure via telephone, email, in person at Town Hall, or through the Town’s online *Report a Concern* feature. Staff review, assess, and investigate each concern, responding in accordance with established service timelines. Table 6 summarizes the complaints received and resolved during the reporting period.

Table 6: Complaints Received

Date Received	Description of Complaint(s)	Resolution and Resolution Date
2025/04/03	Flooding on driveway at Second Ave N, Sauble Beach	Primarily a neighbour dispute but the Town will be ensuring an additional inlet

is installed during construction project to be completed in 2026

During heavy rain or spring thaw events, the Town typically receives calls from residents reporting stormwater flooding or high-water levels in yards, on roads, or in ditches. These issues are generally addressed by operations staff through the removal of snow, ice, or vegetation blockages, and clearing catchbasin grates. These responses are not included in the list above.

4.7 Alterations to the Authorized System

Tables 7 and 8 below summarize all alterations to the Stormwater Management System during the reporting period.

Table 7: Alterations

Alteration Type – Project	Submission Date	Project Details	Status	Number of Alterations that Pose a Significant Drinking Water Threat
Gould Street Reconstruction	2025/05/09	Storm sewers located on Gould Street from Elm Street to Division Street	Under constructions	0

Table 8: Alterations - Development Assumptions

Alterations to the Authorized System – Project Name	Date	Project Details

4.8 Spills and Abnormal Discharge Events

When spills occur within the Town, they are logged and tracked. Table 9 below summarizes the reported spills in 2025, including their duration, volume, and the response actions taken.

Table 9: Spill Events

Date	Location/Receiver	Description of Spill/Event	Estimated Volume	Actions Taken

4.9 System Performance Improvements and Correction

Through regular inspections, functional assessments, and its proposed capital works program, the Town identifies projects to enhance the performance of the Stormwater Management System. Table 10 summarizes the actions taken to improve the planning, operation, and maintenance of the system.

Table 10: System Performance Improvements

System Performance Improvement	Date	Actions
GIS Data	Ongoing	Ongoing work to improve GIS layers related to the SWM system

4.10 Status of Actions for Previous Reporting Year

Not applicable for this initial report.

5 Next Steps

Additional requirements, as per CLI-ECA #094-S701, are summarized below.

5.1 Inspections

Stormwater Management Facilities, pumping stations, and any outlets that discharge to a receiver, are inspected at least once before December 31, 2026, if these have not been inspected since January 1, 2018 and thereafter as required by the Operations and Maintenance Manual.

5.2 Operations and Maintenance Manual

Prepare and implement an operations and maintenance manual for Sewage Works within the Authorized System on or before June 1, 2027.

5.3 Monitoring Plan

A monitoring plan for the system will be developed and implemented in accordance with MECP guidelines and ECA requirements by June 1, 2027, or within twenty-four (24) months of the publication of the Ministry's monitoring guidance, whichever occurs later.

5.4 Significant Drinking Water Threat Assessment Report for Proposed Alterations

Prepare an assessment report for proposed alterations with regard to potential Significant Drinking Water Threats on or before June 1, 2027.

5.5 Signage

On or before June 1, 2028, establish signage to notify the public at any Stormwater Management Facilities identified in Schedule B that is a wet pond, dry pond, hybrid facility, or engineered wetland.

5.6 Storm Sewer Catchment Asset Inventory

Prepare and submit an inventory of the storm sewersheds and classify in accordance with provided tables, on or before June 1, 2028.

6 Public Access to Information

This document is available digitally on the Town of South Bruce Peninsula's website by visiting: <https://www.southbrucepeninsula.com/en/your-community/roads-and-sidewalks.aspx>