

2025

# Stormwater Annual Report

Town of St. Marys Stormwater Collection System

## Table of Contents

1.0	Introduction .....	3
2.0	Report Requirements.....	4
2.1	Monitoring Data .....	4
2.2	Environmental Trending .....	4
2.3	Operational Challenges and Corrective Action .....	4
2.4	Inspections, Maintenance and Repairs .....	4
2.5	Calibration and Maintenance of Equipment .....	4
2.6	Complaints.....	5
2.7	Alterations to the Authorized System .....	5
2.8	Spills.....	5
2.9	Performance Improvements .....	5
2.10	Status of Action Items .....	5

## 1.0 Introduction



On February 2, 2023, the Town of St. Marys received its first municipal stormwater Consolidated Linear Infrastructure Environmental Compliance Approval (CLI ECA No. 056-S701). The new CLI ECA replaced the previous ECAs that the Ministry of Environment, Conservation and Parks (MECP) would issue for specific projects within the municipal stormwater collection system.

CLI ECAs are a single approval for all stormwater management systems and include conditions to authorize municipalities and prescribed persons, such as developers, to make changes to the stormwater management system when the specific requirements of the CLI ECA are met.

The Town's Stormwater Management System (SWM) is owned and operated by the Town of St. Marys. In accordance with the CLI-ECA (056-S701), Schedule E, Section 5.2, the Town, as the Owner of the Municipal Stormwater Management system is required to provide an annual report that covers the period from January 1<sup>st</sup> to December 31<sup>st</sup> for each year, and is required to submit the report to the MECP before April 30<sup>th</sup> of the following year. The annual SWM Report is also posted on the Town's official website ([www.townofstmarys.com](http://www.townofstmarys.com)).

The Town of St. Marys stormwater management system is made up of many components and generally consists of the following:



## 2.0 Report Requirements

### 2.1 Monitoring Data

This Section provides 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. In accordance with the Town's CLI ECA, Schedule E, Section 4.0, the Town is required to implement a "Monitoring Plan" on or before July 25, 2024 or within twenty-four (24) months of the date of publication of the Ministry's monitoring guidance, whichever is later. At the time of this report, the MECP has yet to publish the guidance document. The Town's Monitoring Plan will be developed once the MECP guidance document becomes available.

There was no monitoring data available for the reporting period and no known adverse effects on the natural environment.

### 2.2 Environmental Trending

This Section provides an interpretation of environmental trends based on all monitoring information and data for the previous five (5) years.

There is no environmental trends related to the Authorized System for this reporting period. Environmental trending will be developed as the Town's monitoring program and data trending progress.

### 2.3 Operational Challenges and Corrective Action

This Section provides a summary of any operating problems encountered and corrective actions taken within the reporting period.

Please refer to **Appendix A-1** herein for a summary of items related to Stormwater Management Facilities within the Town of St. Marys.

Please refer to **Appendix A-2** herein for a summary of items related to the Stormwater Collection System within the Town of St. Marys.

### 2.4 Inspections, Maintenance and Repairs

This Section provides 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 for the reporting period.

The Town completes a series of active and passive inspections of the stormwater management system that help to ensure system functionality, and that necessary maintenance items and subsequent repairs can be completed in a timely manner.

Please refer to **Appendix B** herein for a summary of items related to Inspections, Maintenance and Repairs completed within this reporting period.

### 2.5 Calibration and Maintenance of Equipment

This Section includes a summary of any calibrations and maintenance carried out on monitoring equipment for the reporting period.

There were no equipment or monitoring device calibrations completed during the reporting period.

## 2.6 Complaints

This Section provides a summary of complaints received during the reporting period as well as steps taken to address those complaints.

The Town receives various complaints related to stormwater flow, ponding, etc. throughout the year. Many of these complaints are in relation to private property and / or property standards issues. For the purposes of this report, only those complaints related to the Municipal stormwater management system conveyance pipes, ponds, ditches and / or swales are noted below.

Please refer to Appendix C herein for a summary of complaints received in this reporting period.

## 2.7 Alterations to the Authorized System

This Section provides 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.

There were no alterations to the authorized system during the reporting period.

## 2.8 Spills

This Section provides a summary of all spills or abnormal discharge events during the reporting period.

One spill or abnormal discharge event was reported as follows:

On August 7, 2025, the Town received a public complaint regarding a foul odour and black-coloured water observed in a creek east of a residential property during a dry weather period. Town staff investigated and confirmed a noticeable discharge and staining at a nearby stormwater outlet. The creek was not flowing at the time. The incident was reported to the MECP Spills Action Centre (Ref # 1-PAMSL8).

Further investigation on August 8, 2025 traced the suspected source to a commercial property east of Industrial Road. The internal stormwater system was reviewed, and debris and septic material were observed within a quality control structure, impairing its function. The MECP became directly involved on August 9, 2025. An inspection of the creek confirmed there was no evidence of a fish or aquatic life kill. The MECP directed the property management to complete cleaning of the stormwater outlet, internal stormwater structures, and inlets, and to undertake further inspection of the sanitary system to determine the source of the discharge.

## 2.9 Performance Improvements


This Section includes a summary of actions taken, including timelines, to improve or correct performance of any aspect of the Authorized System.

There were no performance improvements to the authorized system during the reporting period.

## 2.10 Status of Action Items

This Section provides a status of action items from the previous reporting period.

There are no action items from the previous reporting period.

	<b>Prepared By</b>	<b>Reviewed By</b>
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# Appendix A-1

## Operational Challenges and Corrective Actions – Stormwater Management Facilities

Location Description	Operational Challenges	Corrective Actions
Thames Crest SWM Wetland	No Operational Challenges to Report	No Corrective Actions to Report
Thamesview Crescent SWM Dry Pond	No Operational Challenges to Report	No Corrective Actions to Report
Grand Trunk Countryside Estates OGS to SWM Wet Pond	No Operational Challenges to Report	No Corrective Actions to Report
Westover Place OGS to SWM Dry Pond	No Operational Challenges to Report	No Corrective Actions to Report
Diamondridge Park Subdivision SWM Wet Pond	No Operational Challenges to Report	No Corrective Actions to Report
James Street Industrial Park (Enterprise Drive) SWM Wet Pond	No Operational Challenges to Report	No Corrective Actions to Report
Meadowridge Subdivision North SWM Dry Pond	No Operational Challenges to Report	No Corrective Actions to Report
Meadowridge Subdivision South SWM Wet Pond	No Operational Challenges to Report	No Corrective Actions to Report
Stoneridge Subdivision Phase 2 SWM Wet Pond	No Operational Challenges to Report	No Corrective Actions to Report
Parkhaven SWM Dry Pond	No Operational Challenges to Report	No Corrective Actions to Report
South Service Road SWM Wet Pond	No Operational Challenges to Report	No Corrective Actions to Report

## Appendix A-2

### Operational Challenges and Corrective Actions – Stormwater Collection System

Location Description	Operational Challenges	Corrective Actions
<b>Industrial Road Outfall</b>	<b><u>08.07.25:</u></b>  Discolour and odour in water reported to be coming from Industrial Road Stormwater system.  Spills Action Ref. NO. 1-PAMSL8	08.07.25:  Investigation completed – confirmed concern  Refer to Section 2.8 herein for additional details

## Appendix B

### Inspections, Maintenance and Repairs

Location Description	Operational Challenges	Corrective Actions
Nothing to Report during this reporting period		

# Appendix C

## Complaints

Location Description	Operational Challenges	Corrective Actions
Industrial Road Storm Sewer Outfall	<p><b><u>08.07.25:</u></b></p> <p>Discolour and odour in water reported to be coming from Industrial Road Stormwater system.</p> <p>Spills Action Ref. NO. 1-PAMSL8</p>	<p>08.07.25:</p> <p>Investigation completed – confirmed concern</p> <p>Refer to Section 2.8 herein for additional details</p>
221 Thomas Street, St. Marys, ON	<p><b><u>06.19.25</u></b></p> <p>Stormwater surcharging the catch basin at the base of the hill at the Westover Street intersection and entering property via driveway ramp during heavy rains.</p>	<p><b><u>September 2025:</u></b></p> <p>Overland flow drainage issue.</p> <p>Mill and Pave road work improvements completed along Thomas Street. New curb was poured along driveway entrance to limit surface overland flow that can enter the driveway.</p>
256 Wellington Street South, St. Marys, ON	<p><b><u>08.05.25:</u></b></p> <p>Following top coat application of asphalt, during heavy rains water is entering property and driveway from the curb / gutter.</p>	<p><b><u>October 2025:</u></b></p> <p>Corrective Action under review with design engineer.</p> <p>Low, wider driveway curb cut with minimal grade on the driveway allows for heavy flow to exceed curb containment.</p>
Grand Trunk Trail Parking Lot, St. Marys, ON	<p><b><u>12.08.25</u></b></p> <p>Surface drainage causing icing issues.</p>	<p><b><u>12.08.25:</u></b></p> <p>Snow banks cleared back to remove obstructions to drainage and allow overland flow to be unimpeded during freeze thaw cycles.</p>