



# **Annual Performance Report 2025**

**Napanee Stormwater Management System  
CLI-ECA Number: 157-S701**

Town of Greater Napanee

Prepared: February 2026

# Table of Contents

- 1. Introduction .....1
  - 1.1 Facility and Systems Overview .....1
- 2. Monitoring Data and Environmental Trends .....2
- 3. Operating Problems Encountered and Corrective Actions Taken .....2
- 4. Calibration, Maintenance, and Repairs .....2
- 5. Complaints .....3
- 6. Alterations to the Authorized System .....3
- 7. Spills or Abnormal Discharge Events .....4
- 8. Stormwater Management System Improvement Efforts .....4
- 9. Summary of the Status of Actions from the Previous Reporting Year .....4
  
- Table 1: 2025 Operating Problems and Corrective Actions Taken .....2
- Table 2 2025 Collection System Complaints .....3
- Table 3: 2025 Spills .....4

## 1. Introduction

The 2025 Annual Report has been prepared in accordance with the terms and requirements set out in the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) 157-S701, issued to the Town of Greater Napanee on January 29, 2024 under the *Environmental Protection Act*, 1990. This report must be forwarded to the MECP no later than March 31<sup>st</sup> for the preceding year, and must be made available to the public no later than June 1<sup>st</sup> of the same year.

The municipal stormwater management (SWM) system serving the Town of Greater Napanee's drainage area is a separate system for stormwater (i.e. designed not to convey sanitary sewage or combined sewage). The SWM system includes storm sewer main, catch basins and maintenance access holes, stormwater management ponds, culverts, ditches, stormwater management facilities, and outlets.

This report is organized into sections to cover the following information: monitoring of SWM infrastructure, interpretation of environmental trends, operations of the SWM infrastructure and system, summary of complaints, summary of alterations, spills and abnormal discharges, actions to correct performance, additional notes, and making the information available to the public.

### 1.1 Facility and Systems Overview

The municipal stormwater management (SWM) system serving the Town of Greater Napanee's drainage area is a separate system for stormwater (i.e. designed not to convey sanitary sewage or combined sewage).

The system includes 13.36 km of storm sewers, including two dry stormwater management ponds (Beverly Street and Cherrywood Parkway) and two wet stormwater management ponds (Best and Bash Arena and Millhouse Yards). The system also contains five (5) oil/grit separators.

There is a stormwater pumping station on Centre Street, in which Town stormwater is collected, however, this pumping station is under the jurisdiction of Lennox and Addington County, and as such is not required to be reported on, for the purposes of this report.

The Napanee Wastewater Collection System contains no known combined sewers.

The system is operated and maintained by the Town of Greater Napanee through the Growth and Infrastructure, Public Works team.

## 2. Monitoring Data and Environmental Trends

As per the CLI-ECA Schedule E, Section 4.0, a summary of all required monitoring data along with interpretation of the data and any conclusions drawn from the data about the need for future modifications to the Authorized System or system operations, is required, if applicable. This section of the CLI-ECA reporting requirements does not apply, as the Ministry's Monitoring Guidance has not yet been released.

As per the Operations and Maintenance Manuals for the Town's stormwater management facilities (ponds), Town staff conducted monthly inspections of the stormwater ponds during 2025. These inspections included checks for drainage, trash accumulation, safety concerns, and signs of erosion. Inspections are ensured via a Work Order System.

## 3. Operating Problems Encountered and Corrective Actions Taken

Operating problems encountered and applicable corrective actions taken for 2025 are shown in Table 1.

**Table 1: 2025 Operating Problems and Corrective Actions Taken**

<b>Operating Problem</b>	<b>Corrective Action</b>
Growth of noxious weeds at Cherrywood SWM pond	Pre-planned mowing.

## 4. Calibration, Maintenance, and Repairs

The 2025 annual report does not include a summary of calibration and maintenance for the monitoring equipment. The Town of Greater Napanee currently does not have a monitoring plan or monitoring equipment in place. Once the monitoring guidance is released, a Monitoring Plan will be developed, and monitoring equipment will be identified, as required. Generally, calibration and maintenance will be undertaken in accordance with the manufacturers' recommendations.

A qualified engineering consultant was retained to develop Operations & Maintenance manuals for the four stormwater management facilities. Sediment surveys on the Best and Bash Arena (formerly Strathcona Paper Centre) wet pond and the Beverly Street dry pond due to the age of the ponds and lack of sediment information. The sediment surveys indicated that the Best and

Bash Arena pond has some remaining life prior to a clean out being required and is recommended for the year 2034. A clean-out was recommended for the Beverly Street dry pond and is expected to be completed in 2026.

As per the Operations & Maintenance manuals, monthly inspections included looking for signs of erosion, proper function, safety concerns, and trash accumulation. Annual inspections of the stormwater management facilities were also conducted in April 2025, as required. Nothing significant was observed.

Routine maintenance including street sweeping and catch basin cleanouts were completed by Staff in 2025. Routine maintenance at the stormwater management facilities (ponds) including weed suppression, berm mowing, and trash removal was also completed in 2025.

The Town's five (5) oil & grit separators were located, opened and looked at in April 2025. It is recommended that these be cleaned out, and this is expected to be completed in 2026.

Following cleanout, an annual inspection of each OGS is recommended.

## 5. Complaints

Table 2. presents complaints received during 2025 that concerned the stormwater management system.

**Table 2: 2025 Collection System Complaints**

Complaint	Number Received	Operating Problem	Corrective Action
Blocked storm drain	20	Drainage issue	Town staff are sent to evaluate and resolve the issue.
Minor issues related to road side ditching and entrance culverts	59	Drainage issue/ Broken/displaced culverts	Town staff are sent to evaluate and resolve the issue.
Erosion surrounding storm drain	3	Safety concerns	Town staff to evaluate and resolve the issue.

## 6. Alterations to the Authorized System

There were no alterations to the Authorized System in 2025. Installation of storm sewer mains and culverts, towards one of two future storm water ponds on site to service the Springside Meadows Subdivision Phase 1 is on-going into 2026. These have not yet been assumed by the Town.

There were no alterations that pose a Significant Drinking Water Threat.

## 7. Spills or Abnormal Discharge Events

Table 3. below provides details on all reported spills that may have impacted the stormwater management system in 2025.

**Table 3: 2025 Spills**

Date	Location	Details
2025.07.19	First Avenue and Union Street	Illegal dumping of <10L vegetable oil into catch basin. No impact downstream and contained within sediment trap.
2025.09.11	South of 1045 Hwy 41	Hydro One – 10L hydraulic oil spill to ditch, immediately contained and cleaned up by Hydro One.

## 8. Stormwater Management System Improvement Efforts

The Town of Greater Napanee is undertaking initiatives to improve the planning, operation, and maintenance of the stormwater system. The key initiatives include:

- Continued scheduled catch basin cleanouts.
- Continued routine inspections and maintenance of stormwater management facilities by Town staff.
- Initial inspection of Town owned oil & grit separators, and planned clean-outs.
- Sediment surveys for Beverly Street Dry Pond and Strathcona Paper Centre Wet Pond were conducted in 2025. A cleanout of the Beverly Street Dry Pond is planned for 2026.
- Sewer replacements as required and as approved by Capital budgets.
- Culvert replacements and ditching activities, as required.
- Storm Sewer catchment area asset inventory developed and submitted to MECP as per Schedule E of the CLI-ECA.

## 9. Summary of the Status of Actions from the Previous Reporting Year

2024 Annual Report Action Items:

- Sediment Surveys (Beverly Street Dry Pond & Best and Bash Arena Wet Pond)
  - Completed – Beverly Street clean out recommended for 2026.
- Review of Town owned oil and grit separators
  - Completed – Located and opened. Clean out recommended for 2026 and annual inspections following cleanout.