

2024 ANNUAL STORMWATER REPORT
CITY OF WOODSTOCK STORMWATER SYSTEM (CLI-ECA #323-S701)





**OFFICE OF THE
CITY ENGINEER**
Public Works Department
P.O. Box 1539
944 James Street
Woodstock, ON N4S 0A7
Telephone (519) 539-1291
Facsimile (519) 421-3250

June 2, 2025

Ministry of the Environment, Conservation and Parks
135 St. Clair Avenue West
Floor 1
Toronto, Ontario M4V 1P5

ATTENTION – DIRECTOR, PART II.1 OF THE ENVIRONMENTAL PROTECTION ACT

RE: 2024 Annual Report Required Under Consolidated Linear Infrastructure Environmental Compliance Approval, CLI ECA #323-S701, City of Woodstock

This annual performance report has been prepared as required under Schedule E of the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI ECA) noted above dated November 7, 2022.

Reporting Period

The annual report covers the reporting period from January 1, 2024 to December 31, 2024.

Summary of Monitoring Data

The 2024 annual report does not include a summary of monitoring data. The City of Woodstock currently does not undertake routine monitoring. A Monitoring Plan is required to be developed under the applicable CLI ECA; however, the development of the Monitoring Plan is subject to the pending release of the MECP guidance document for monitoring.

Interpretation of Environmental Trends

The 2024 annual report does not include an interpretation of the environmental trends. The City of Woodstock currently does not undertake routine monitoring. Without the monitoring data to support the interpretation, the City of Woodstock relies on the accuracy of provincial and federal interpretations of environmental trends. Once the monitoring guidance is released, a Monitoring Plan is required and will be utilized to collect local data to support an informed interpretation.

Operating Issues and Corrective Measures Taken

No major operating issues were logged for 2024. The City of Woodstock continues to refine Operation and Maintenance (O&M) practices and develop standard operating procedures to align with the O&M Manual to better capture and log any major operating issues encountered and the resultant corrective measures taken.

Summary of Inspections, Maintenance and Repairs

A total of approximately 14,445 metres of CCTV inspection was completed in 2024 on the City of Woodstock's linear stormwater infrastructure. Routine flushing is completed in conjunction with the CCTV program on the equivalent length of linear stormwater infrastructure.

Sporadic structure inspections were completed in 2024. The City of Woodstock continues to refine its O&M practices and develop standard operating procedures to align with the O&M Manual to better capture and log structure inspections.

Stormwater Management Facility (SWMF) inspections were completed in 2024 with a site visit to each facility. The City of Woodstock continues to refine its O&M practices and develop standard operating procedures to align with the O&M Manual to better capture and log SWMF inspections.

Routine maintenance including street sweeping, catch basin cleaning and storm sewer flushing was completed in 2024. The City of Woodstock continues to refine its O&M practices and develop standard operating procedures to align with the O&M Manual to better capture, and log routine maintenance completed on the stormwater system.

Major repairs are completed via the City of Woodstock's annual reconstruction program summarized under 'Alterations to the Authorized System'.

Minor repairs were completed as required. The City of Woodstock continues to refine its O&M practices and developing standard operating procedures to align with the O&M Manual to better capture and log routine maintenance completed on the stormwater system.

Summary of Calibration and Maintenance – Monitoring Equipment

The 2024 annual report does not include a summary of calibration and maintenance for the monitoring equipment. The City of Woodstock currently does not undertake routine monitoring. Once the monitoring guidance is released, a Monitoring Plan will be developed, and monitoring equipment will be identified. Generally, calibration and maintenance will be undertaken in accordance with the manufacturers' recommendations.

Summary of Complaints and Actions

107 Wilson Street – A sinkhole developed in the yard at 107 Wilson Street. This sinkhole was caused by a defective storm drain which could be visually seen in the sinkhole. Repairs were made and the sinkhole was backfilled.

Summary of Alterations to the Authorized System

C-9 – SWMF Sediment Removal – The project consisted of sediment removal from the SWMF to restore the SWMF to design conditions.

Beale Street Reconstruction – The project consisted of localized repairs to existing storm sewers and catch basins/catch basin leads on Beale Street from Adelaide Street to Canterbury Street. The city reviewed the scope prior to construction and deemed the scope as a ‘like for like replacement’ not requiring a Form SW1 submission and undertook the alterations as such.

Brant Street Reconstruction – This project consisted of full replacement of the existing storm sewer on Brant Street from Riddell Street to Wellington Street North. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current design standards, minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Cambridge Street Reconstruction – This project consisted of replacing the existing storm sewer on Cambridge Street from Hughson Street to Warwick Street. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current design standards, minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Leinster Street Reconstruction – This project consisted of replacing the existing storm sewer on Leinster Street from Devonshire Avenue to Durham Crescent. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current design standards, minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Rathbourne Avenue Reconstruction – This project consisted of replacing the existing storm sewer on Leinster Street from Huron Street to Blandford Street. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current design standards, minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Walter Street Reconstruction – This project consisted of replacing the existing storm sewer on Walter Street from Victoria Street to East Park Drive. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current design standards, minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Thames Developments Phase 6 – This work consisted of full linear servicing of Thames Developments Phase 6. Generally, the scope consisted of installation of new linear stormwater infrastructure designed and installed in accordance with current design standards. Form SW1 was completed for the installation of the new infrastructure.

Woodstock Meadows Phase 1 – This work consisted of full linear servicing of Woodstock Meadows Phase 1. Generally, the scope consisted of installation of new linear stormwater infrastructure designed and installed in accordance with current design standards. Form SW1 was completed for the installation of the new infrastructure.

Woodstock Meadows SWMF – This work consisted of stormwater management servicing of Woodstock Meadows Phase 1. Generally, the scope consisted of installation of a new stormwater treatment facility designed and installed in accordance with current design standards. Form SW2 was completed for the installation of the new stormwater management facility.

Summary of Spills

Southside Park/Reservoir – A hydro pole with a transformer mounted on it was downed on Dover Street. The transformer oil leaked from the transformer into Southside Pond and Cedar Creek. Hydro One undertook the cleanup to minimize environmental impacts.

Southside Park/Reservoir (Woodstock Hydro Transmission Station) – Mineral Oil was spilled at the Woodstock Hydro Transmission Station, which entered the drainage system, and eventually Cedar Creek. Hydro One undertook the cleanup to minimize environmental impacts.

Summary of Actions Taken to Improve or Correct Performance

The City of Woodstock has an annual CCTV program to continue to assess the condition and areas of need in the linear system. The program has proven successful to assist in determining infrastructure to be replaced, rehabilitated, or maintained.

The City of Woodstock has a reconstruction program that includes replacing aged and undersized linear infrastructure. The program has proven successful in maintaining the city's linear storm assets in a good state of repair.

The City of Woodstock undertakes routine maintenance including, but not limited to, street sweeping, catch basin cleaning and flushing. The program has proven successful in keeping the city's linear infrastructure functioning as intended for the conveyance of storm water. The city continues to refine its O&M practices and develop standard operating procedures to align with the O&M Manual to better capture, and log routine maintenance completed on the stormwater system.

The City of Woodstock has a Stormwater Management Facility (SWMF) Sediment removal program that includes removing the sediment collected in the SWMF and to ensure the SWMF's are functioning as intended for the management of stormwater.

Summary of the Status of Actions for the Previous Reporting Year

The City of Woodstock continues to refine operating and maintenance practices and develop standard operating procedures to align with the City's Operations and Maintenance Manual.

Closing Remarks

This summary report has been prepared and is being submitted and posted in accordance with the requirements outlined in Schedule E of CLI ECA #323-S701.