

2023 ANNUAL STORMWATER REPORT
CITY OF WOODSTOCK STORMWATER SYSTEM (CLI-ECA #323-S701)





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CITY ENGINEER**
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Ministry of the Environment, Conservation and Parks
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ATTENTION – DIRECTOR, PART II.1 OF THE ENVIRONMENTAL PROTECTION ACT

RE: 2023 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, 2023 to December 31, 2023.

Summary of Monitoring Data

The 2023 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 2023 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 2023. The city is refining Operation and Maintenance (O&M) practices and developing 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 8525 metres of CCTV inspection was completed in 2023 on the city's linear stormwater infrastructure. Flushing is completed in conjunction with the CCTV program on the equivalent length of linear stormwater infrastructure.

Sporadic structure inspections were completed in 2023. The city is refining its O&M practices and developing 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 2023 with a site visit to each facility. The city is refining its O&M practices and developing 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 2023. The city is refining 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.

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

Minor repairs were completed as required. The city is refining 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 2023 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

143 Winniett Street – After a significant rainfall event, rainwater had flooded the basement of 143 Winniett Street through an adjacent exterior stairwell below grade. The storm sewer, adjacent catch basins, were inspected immediately following the rain event and were clear of debris, etc. The tenant was referred to the Clerk’s department to submit a claim.

Summary of Alterations to the Authorized System

C-27 – Community Complex SWMF Sediment Removal – The projects consisted of sediment removal from the SWMF along with a minor improvement to the outlet structure. Form SW2 was completed for the outlet improvement.

Duke Street and Givins Street Reconstruction – The project consisted of full replacement of the linear storm infrastructure and appurtenances. The city reviewed the scope prior to construction. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Sprucedale Road Reconstruction – The project consisted of localized repairs to existing storm sewers and catch basins/catch basin leads. 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.

Wellington Street North and Quintin Place Reconstruction – The project consisted of full replacement of the linear storm infrastructure and appurtenances. The city reviewed the scope prior to construction. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Russell Street Reconstruction – The project consisted of full replacement of the linear storm infrastructure and appurtenances. The city reviewed the scope prior to construction. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Miller Street Reconstruction – The project consisted of full replacement of the linear storm infrastructure and appurtenances. The city reviewed the scope prior to construction. Generally, the scope consisted of ‘like for like replacement’, with some localized extensions, localized upsizing to comply with current minimum pipe sizes and minor improvements. Form SW1 was completed for the localized extensions, upsizing and minor improvements.

Dundas Street and Vansittart Avenue Reconstruction – The project consisted of localized adjustments to catch basin and catch basin leads. 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.

Summary of Spills

No spills occurred to report under the applicable CLI ECA.

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 is refining 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.

The City 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

This is the first report being submitted under the applicable CLI ECA. There are no actions to report on for the previous reporting year.

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.