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March 31st, 2026

Dear Environmental Services Customer,

We are pleased to provide the 2025 Annual Performance Report for the City of Stratford's Stormwater Management System. This report has been completed in accordance with the Environmental Compliance Approval #074-S701, Schedule E Section 5.2, issued October 20, 2022, and issued to the City of Stratford.

This report covers the period from January 1, 2025, to December 31, 2025, and will be made available on the City of Stratford website by June 1, 2026. Hard copies will also be available at our 82 Erie St. office on the 3rd floor.

For any questions or additional information regarding the report, please contact me at (519) 271-0250 ext. 222.

Yours truly,

A handwritten signature in black ink, appearing to read 'S Beech'. The signature is written in a cursive, flowing style.

Sean Beech
Manager of Environmental Services



2025

ANNUAL PERFORMANCE REPORT

City of Stratford Stormwater
Management System

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Executive Summary

The City of Stratford Stormwater Management System (SWM) is owned and operated by the City of Stratford in accordance with Environmental Compliance Approval #074-S701, issued October 20, 2022. The SWM system consists of approximately 172 kms of storm sewers, 212 km of ditches and 1 stormwater pumping station. The SWM system also includes all other controls, electrical equipment, stormwater management ponds, oil/grit separators, and appurtenances that are essential for the operation of the works.

Throughout the reporting period (January 1, 2025, to December 31, 2025), staff worked diligently completing several maintenance, rehabilitation and renewal projects to ensure the adequacy of the City's stormwater system infrastructure.

No Ministry of Environment, Conservation and Parks (MECP) inspections occurred during the reporting period.

2025 Annual Performance Report – Stormwater Management System

In accordance with the Environmental Compliance Approval #074-S701, Schedule E Section 5.2, The City of Stratford, 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 (MECP) on an annual basis.

Schedule E Section 5.2 of the ECA requires the Annual Performance Report to contain the following elements:

- (a) a summary and interpretation of all monitoring data, including an overview of condition and operational performance of the Works and any Adverse Effects on the Natural Environment,
- (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 Works received during

the reporting period and 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; and

(j) Includes a summary of the status of actions for the previous reporting year.

The following report was generated from the records maintained by The City of Stratford Stormwater Management System for the calendar year of 2025.

(a) Interpretation of Monitoring Data

City staff regularly monitor and inspect the Romeo Street Storm Pumping Station as part of routine station checks and scheduled preventative maintenance activities. Staff exercise due diligence to ensure that the Works and all associated equipment are properly operated and maintained. Observations are documented in the work order system and recorded in the facility's digital logbook (e.RIS). Examples of entries from the e.RIS logbook system are provided in Appendix A.

Monitoring and inspection of the SWM system include annual programs such as storm main flushing and CCTV inspections, stormwater management facility inspections, as well as maintenance hole repair or replacement. These programs support an effective Capital Works program while aligning with the City's maintenance objectives.

The data chart on the following page details the monitoring activities performed by staff during the reporting period. Based on the data collected and reviewed, it has been determined that the system is performing adequately to meet demand and maintenance requirements. At this time there are no required major modifications required for the SWM system. Continuous improvement and optimization will continue to be a priority for staff and management.

Table A – Summary of Monitoring Programs

Program Title	Program Description	Adverse Effects on the Natural Environment?
Storm Sewer Flushing	Combination of reactive flushing due to storm main obstructions and mains flushed because of scheduled flushing as per O&M Manual frequency.	No
Oil/Grit Separator Inspections	Semi Annual and post “Significant Rain Event” Inspections.	No
Ditch Inlet Inspections	Semi Annual and post “Significant Rain Event” Inspections.	No
Outfall Inspection	Semi Annual and post “Significant Rain Event” Inspections.	No
SWM Pond Inspection	Semi Annual and post “Significant Rain Event” Inspections.	No
SWM Pumping Station Inspection	Weekly inspections of the operating and health and safety components of the Romeo Underpass Stormwater Pumping Station	No
Catch Basin Cleaning	Half of the City catch basins are cleaned every year depending on North/South CB locations. This work is completed by an external hydro excavation contractor.	No

(b) Interpretation of Environmental Trends

Prior to the implementation of the new CLI-ECA, the city did not have monitoring programs in place as defined in the updated Operations and Maintenance (O&M) Manual. Bi-annual inspections of assumed stormwater management ponds were undertaken and are documented in the e.Ris e-logbook system. This achieves a more formalized record-keeping system.

Historically, the most consistent maintenance activities have included catch basin cleaning and storm main flushing. No abnormal conditions have been identified through storm main flushing activities. Catch basin cleaning has been performed by an external contractor, with no abnormal conditions reported to date.

It is anticipated that this section of the Annual Performance Report will become increasingly informative following several years of implementation of the new monitoring programs, supported by comprehensive and standardized documentation. At that time, reliable and consistent data will be available to support meaningful analysis, comparison, and interpretation.

Table B – Environmental Trends

Monitoring Data	Environmental Trend	Interpretation and Comments
N/A	N/A	N/A

(c) Operating Problems and Corrective Actions

The table below summarizes operating issues that required immediate corrective action to restore the system to its intended performance. Most of the work completed on SWM appurtenances during this reporting period is detailed in Table D under Repairs and Maintenance.

Table C – Operating Problems and Corrective Actions

Operating Problem	Corrective Action	Date
N/A	N/A	N/A

(d) Inspections Maintenance and Repairs

The table below is 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.

All maintenance was performed on behalf of the Owner, by trained staff or qualified contracted services providers who exercise due diligence in ensuring the Works and the related equipment are properly operated and maintained to achieve compliance with the Approval.

Table D – Summary of Maintenance and Repairs

Work Type	Work Description	Number of requests within the reporting period	Completion Dates
Catch Basin Repair/ Replace	General catch basin repair	33	April - November 2025
Catch Basin Cleaning	Catch basin cleaning	2	April 2025

Culvert Maintenance	Park St. culvert work	1	Sept 10, 2025
Ditch Cleaning & Inspection	Chainsaw and line trimming, inspecting fence around ditch inlet, cleaning after storm events	5	April – November 2025
New Storm Service Installs	Installing private storm services for various locations	5	Sept 17, 2025
Other Storm and Catch Basin Activities	Sinkhole investigations	5	May – September 2025
Storm Sewer Flushing	Storm sewer cleaning	20	Jan-November 2025
Storm Maintenance, Replacement, and Repair	Replace manhole lids, manhole adjustments and repair.	13	January – November 2025

(e) Calibration and Maintenance of Monitoring Equipment

The table below summarizes the calibration and maintenance of monitoring equipment. There is only one pumping station that operates on float level control and does not have miltronics. There is an hour meter which is the only data collection that happens at that site.

Table E – Summary of Calibration and Maintenance of Monitoring Equipment

Monitoring Equipment	Calibration/Maintenance	Date
High-Level Float	New High-Level Float installed by electrical contractor	February 6, 2025

(f) Complaints

There were zero (0) SMW complaints related to the City owned infrastructure during this reporting period. During heavy rain events, there are typical calls that come into the City from residents who have issue with stormwater flooding in their yards or basement flooding from drainage and sanitary private cross connections. These issues are referred to in the City By-law department as the issues are related to private property drainage and not City Stormwater infrastructure.

Table F – Summary of Complaints

Complaint	Resolution	Date
N/A	N/A	N/A

(g) Alterations to the Authorized System

The table below summarizes the projects that saw alterations to the SWM system in 2025.

Table G – Summary of Alterations to the Authorized System

Alteration to the Authorized System Project Name	Project Details	Does This Project Pose a Significant Drinking Water Threat (SDWT)?
Albert. St Reconstruction Capital Project Phase 2	The project involved the replacement of all City infrastructure along Albert Street, from Front Street to Queen Street. This work included the renewal of sanitary sewers, storm sewers, watermains, roadway, sidewalks, and curbs. As part of the storm system upgrades, approximately 302.5 metres of storm sewer mains were replaced. This included 165 m of 900 mm concrete pipe, 120 m of 1050 mm concrete pipe, 10 m of 825 mm concrete pipe, and 7.5 m of 675 mm concrete pipe. In addition, all storm service connections within the project limits were replaced up to the property line.	No
Avon and Avondale	Approximately 642 meters of storm sewer main was replaced along Avon and Avondale St. This included 314 m of 450 mm concrete pipe, 209 m of 375 mm concrete pipe, 96 m of 525 mm concrete pipe, 17 m of 600 mm concrete pipe and 6 m of 900 mm concrete pipe.	No

(h) Spills and Discharges

There were 12 spills during the reporting period. Eight were over 25 litres and were reported to the Spills Action Centre. None of these entered the storm sewer system or caused environmental impacts.

Two spills under 25 litres did enter the storm sewer system; details are summarized in the table below.

Table H – Spills and Discharges

Spill/Discharge Event	Details	Date
130 Dufferin St	<p>Staff responded to a spill reported by the police following a motor vehicle collision. Approximately 10 litres of oil was released over an estimated 200 m area, with some entering a nearby catch basin. Staff applied absorbent mats, vacuumed the catch basin, dispatched the sweeper, and transported the collected waste to a landfill for proper disposal.</p> <p>No issues were observed downstream within the SWM system or in receiving waters. No further action was required.</p>	03/30/2025
College St	<p>Staff responded to a spill reported by the Public Works Department involving a leaking garbage truck. Approximately 5 litres of hydraulic oil was released along College Street over 2000 meters, with some entering nearby catch basins. Absorbent mats were deployed at affected catch basins, and a street sweeper was used to remove residual material. All collected waste was disposed of at a landfill.</p>	05/22/25

(i) System Performance Improvements

The table below summarizes the capital and operating projects that were incorporated during the reporting period that had an overall positive impact on system performance.

Table I – System Performance Improvements

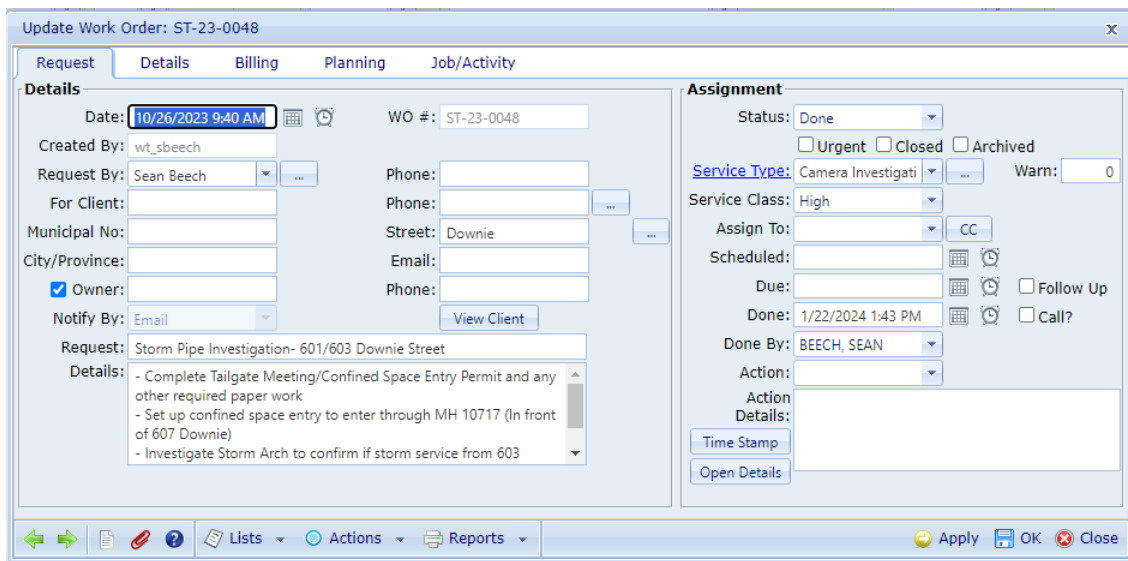
System Performance Improvement	Project Description
Albert St. Phase 2 and Avon & Avondale St Reconstruction.	The replacement of existing storm mains and laterals which lower the inflow and infiltration into the SWM system.
Subsidy Programs	Fourteen properties disconnected their weeping tile of their homes from the sanitary lateral and installed a sump pump. Twelve properties had their sewer laterals relined. These were all completed under the City's sewer subsidy programs and result in reduced system inflow and infiltration.

(j) Previous Reporting Year Update

This section is to include a summary of the status of actions for the previous reporting year. Since this is the inaugural year for the new CLI-ECA and the required Annual Performance Report, there are no preexisting actions for the SWM department. New goals and objectives are being developed internally and there will be quantifiable and tangible action items and performance improvements reviewed in the 2026 Annual Performance Report.

Appendix A

Examples of e.RIS Digital Forms and Maintenance Tracking:



Save New **2023-06-26 10:45:00**

	Comments & History	Value
Date and Time		2023-06-26 10:45:16
Inspection Type		Semi-Annual Inspection
SWM Pond Type		Wet Pond
SWM Pond Name		Crane Ave SWMPs
Asset ID		341300004, 341300005, 34
Vegetation Concerns		No
Obstructions of the Inlet and/or Outlet?		Yes
Evidence of Spills and or Grease Contamination?		No
Presence of Trash Build-Up?		No
Presence of Algae?		Select value...
Presence of Invasive Species?		None Observed

Save New **2023-08-02 11:43:00**

	Comments & History	Value
Date and Time		2023-08-03 11:40:00
Inspection Type		Scheduled Inspection
All vegetation obstructions removed?		No
All debris and garbage removed?		Yes
List all outfalls ID's with erosion issues		No
List all outfalls ID's with structural issues		No
List any other outfalls IDs that require corrective action		Obstruction Removed. Pond Draining as
Inspection Completed By		Enter value..