Municipal Stormwater Collection System Annual Report

2025

Submitted – March 2026

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Introduction

The City of Dryden (City) operates and maintains a Stormwater Collection System (SWS) to safely catch and convey all rainwater and snowmelt to prevent flooding, erosion, and protect water quality of receiving streams and waterbodies. It is a legislative requirement to provide an annual report which includes:

- 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
- A summary and interpretation of environmental trends based on all monitoring information including data from the previous five years
- A summary of any operating problems encountered and corrective actions taken;
- 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
- A summary of the calibration and maintenance carried out on all monitoring equipment
- 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 threat to Drinking Water
- A summary of spills or abnormal discharge events
- A summary of actions taken, including timelines, to improve or correct performance of any aspect of the Authorized System
- A summary of the status of action for the previous reporting year

Dryden Stormwater Collection System Description

Environmental Certificate of Approval: 223-S701

The City's SWS collects and conveys stormwater within the Urban Boundary to protect the environment and prevent erosion. There are no combined stormwater and wastewater sewers within City limits.

The SWS conveyance system consists of different types of pipe materials in varying diameters, catch basins, and outfalls. The total liner length of piping supporting the SWS is approximately 42km. The SWS is all gravity flow, and the existing system does not include storm water management ponds or treatment facilities. A break down of the system components is tabled below.

Storm Water Collection Asset	Diameter (mm)	Approximate Lenth (km)	# of Assets
Storm Collection Pipe	<250	3.2	
Storm Collection Pipe	>250-500	33	
Storm Collection Pipe	>500-1050	5.8	
Storm Collection Pipe	>1050	0.01	
Catch Basins			731
Outfalls			66

Summary of Monitoring Data

Condition and Operational Performance

The City performs Closed Caption Television Inspection of some of the components over the entire SWS. A total of 55 inspections were conducted in 2025 totaling up to 2.1km of infrastructure. The inspections focused on service areas supporting Casimir Avenue, St. Charles Street, Wice Road, Pine Crescent, Cedar Bay, and Duke Street.

The City's Asset Management Plan considers that the SWS is in Good Condition as an aggregate health score based on 85% of the assets being in Very Good Condition, 4% in Poor/Very Poor Condition, and 11% in Fair Condition.

Monitoring Data

Under the current configuration of the system, no monitoring data exists from anything relating to flow monitoring or water levels within the SWS. No Environmental monitoring is currently required.

5-Year Summary of Environmental Trends

Currently, no environmental monitoring occurs on the SWS.

Inspections, Maintenance and Repairs

Calibration and Maintenance of Monitoring Equipment

Currently no monitoring equipment is used in the SWS.

Alterations to Stormwater Collection System

No alterations were made to the stormwater collection system in 2025.

System Overflows and Spills

There were no recorded spills for this reporting year, or related system overflows.

Actions Taken to Improve and or Correct Performance

Capital work

The following capital work in the 2025 budget was spent on the following tabled areas, totalling approximately $110,000.

Capital Project	Project Expenditure
Earl Avenue Storm Pipe Replacement	$84,000
Elm Road Storm Pipe Replacement	$8,800
Pine Crescent Storm Pipe Replacement	$17,600

Previous Year Actions Status

No outstanding actions from 2024 have impacted the 2025 operating year. More actions were taken in 2024, than 2025 mainly due to a reduction in the number of repairs required across the system. The 2025 year actions, outside of routine maintenance were mainly associated with frozen infrastructure.

2025 Actions Taken

System Asset	Date	Location	Action Taken
Catch Basin	January 10	Kerney Hill Court	Catch Basin Repaired
Culvert	February 15	Thunder Lake Road	Culvert Thawed
Catch Basin	March 10	Wabigoon Drive	Catch Basin Thawed
Catch Basin	March 10	Earl Avenue	Catch Basin Thawed
Storm Pipe	March 10	Boozhoo Avenue	Storm Pipe Thawed
Storm Pipe	March 13	Ingall Drive	Storm Pipe Thawed
Storm Pipe	March 13	David Avenue	Storm Pipe Thawed
Culvert	March 14	Thunder Lake Road	Culvert Thawed
Culvert	March 14	Riverview Drive	Culvert Thawed
Culvert	March 14	Wilson Street	Multiple Culverts Thawed
Storm Pipe	March 14	Wabigoon Drive	Storm Pipe Thawed
Storm Pipe	March 14	Queen Street	Storm Pipe Thawed
Storm Pipe	March 17	Kirkpatrick Avenue	Storm Pipe Thawed
Culvert	March 18	Highland Road	Culvert Thawed
Culvert	March 20	Thiel Road	Culvert Thawed
Storm Pipe	March 26	Wabigoon Drive	Storm Pipe Thawed
Culvert	March 27	Wilson Street	Multiple Culverts Thawed
Culvert	March 27	Thunder Lake Road	Multiple Culverts Thawed
Catch Basin	March 27	King Street	Multiple Catch Basins Thawed

Catch Basin	March 27	Dingwall Parkway	Catch Basin Thawed
Catch Basin	March 27	Park Crescent	Catch Basin Thawed
Storm Pipe	March 27	Earl Avenue	Storm Pipe Thawed
Catch Basin	April 3	King Street	Catch Basin Thawed
Storm Pipe	April 3	Kirkpatrick Avenue	Storm Pipe Thawed
Catch Basin	April 4	Princess Street	Catch Basin Thawed
Catch Basin	April 7	Pine Crescent	Catch Basin Thawed
Catch Basin	April 7	Whyte Avenue	Catch Basin Thawed
Catch Basin	April 7	Victoria Street	Catch Basin Thawed
Catch Basin	April 7	King Street	Catch Basin Thawed
Catch Basin	April 8	Pitt Avenue	Multiple Catch Basins Thawed
Catch Basin	April 8	Princess Street	Catch Basin Thawed
Culvert	April 9	Sandy Beach Road	Culvert Thawed
Culvert	April 10	Islandvue Road	Culvert Thawed
Culvert	April 10	Lakeview Road	Culvert Thawed
Culvert	April 10	Sandy Beach Road	Multiple Culverts Thawed
Culvert	April 12	Wilson Street	Culvert Thawed
Culvert	April 14	Boozhoo Avenue	Multiple Culverts Thawed
Culvert	April 14	Rodgers Road	Culvert Thawed
Culvert	April 14	Sandy Beach Road	Multiple Culverts Thawed
Culvert	April 14	McMillan Crescent	Multiple Culverts Thawed
Storm Pipe	April 14	Parkdale Road	Storm Pipe Thawed
Storm Pipe	April 15	Mary Avenue	Storm Pipe Thawed
Culvert	April 15	Thiel Road	Multiple Culverts Thawed
Catch Basin	April 15	McMillan Avenue	Catch Basin Repaired
Culvert	April 16	Birchcliff Road	Culvert Thawed
Culvert	April 16	Highland Road	Multiple Culverts Thawed
Culvert	April 16	Meadows Road	Culvert Thawed
Culvert	April 16	Elm Bay Road	Multiple Culverts Thawed
Culvert	April 16	Bonny Bay Road	Culvert Thawed
Culvert	April 16	Hill Road	Culvert Thawed
Culvert	April 17	Zealand Road	Culvert Thawed
Culvert	April 17	Parr Avenue	Culvert Thawed
Culvert	April 17	Bedworth Road	Culvert Thawed
Culvert	April 17	Thunder Lake Road	Culvert Thawed
Culvert	April 21	Thunder Lake Road	Multiple Culverts Thawed
Culvert	April 24	Maple Road	Culvert Thawed
Culvert	April 24	Sandy Beach Road	Culvert Thawed
Culvert	April 24	McMillan Crescent	Culvert Thawed
Culvert	April 29	Birchcliff Road	Culvert Thawed
Catch Basin	April 30	King Street	Catch Basin Repaired
Culvert	May 1	Bonavista Road	Culvert Thawed
Catch Basin	May 27	Casimir Avenue	Catch Basin Repaired
Storm Pipe	May 29	First Street	Debris Removed
Catch Basin	June 9	Wice Road	Catch Basin Repaired
Catch Basin	June 13	Edgewater Drive	Catch Basin Repaired
Catch Basin	July 7	Duke Street	Catch Basin Repaired
Culvert	July 18	Thunder Lake Road	Culvert Heat Trace Installed

A total of 67 actions were initiated to address issues with the SWS. Public Works staff routinely inspect catch basins, outfalls and supporting infrastructure on a routine basis.

More Information or Questions

This report is available to the public free of charge to anyone who requests a copy. An electronic copy is available on the City of Dryden's website, and anyone wanting to be provided a paper copy can make arrangement to pick one up from the Public Works Office. Any concerns or inquiries of this report can be directed to:

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