



**2025
Annual Performance Report
Innisfil Stormwater Management System**

Town of Innisfil

**Environmental Compliance Approval
#307-S701**

January 1, 2025 to December 31, 2025

April 2026

Table of Contents

Introduction	2
Stormwater Management System Categorization	2
2025 Annual Performance Report – Stormwater Management System.....	4
(a) Interpretation of Monitoring Data	5
(b) Interpretation of Environmental Trends	6
(c) Operating Problems and Corrective Actions	6
(d) Inspection, Maintenance and Repairs	7
(e) Monitoring Equipment Calibration and Maintenance	8
(f) Complaints	9
(g) Alterations to the Authorized System	11
(h) Spills and Abnormal Discharge Events	13
(i) System Performance Improvements and Correction.....	14
(j) Status of Actions for Previous Reporting Year	18

Tables

Table 1: Stormwater Collection System	2
Table 2: Summary of Stormwater Management Facilities by Type	3
Table 3: Stormwater Management Facilities Hydraulic Monitoring Data and Draw Down Time.....	5
Table 4: Operating Problems and Corrective Actions	6
Table 5: Maintenance and Repairs	7
Table 6: Complaints	9
Table 7: Alterations – Storm Water (SW) Forms.....	11
Table 8: Alterations – Assumptions.....	13
Table 9: Spills and Discharges	13
Table 10: System Performance – Operating Projects	14
Table 11: System Performance – Capital Projects.....	16
Table 12: System Performance – Historic Capital and Operating Projects	17

Introduction

The Town of Innisfil Stormwater Management System is owned and operated by the Town of Innisfil in accordance with Environmental Compliance Approval #307-S701, Issue Number 2, issued December 16, 2024. The Municipal Stormwater Management System serving the Town of Innisfil’s drainage area is a separate system for stormwater (i.e. designed not to convey sanitary sewage, combined sewage) within the Lake Simcoe and the Nottawasaga River watersheds.

In 2023, the Municipal Stormwater Management System consisted of 434 kilometres of a collection system consisting of storm sewers, culverts, ditches, and 51 Stormwater Management Facilities, including Stormwater Management Ponds (Wet, Wetland, and Dry), Low Impact Development (LIDs) and Oil Grit Separator (OGS) units. The Town of Innisfil’s drainage area also includes approximately 350 kilometres of ditches specifically for the purpose of drainage that are not covered by and not subject to the requirements set out in the Environmental Compliance Approval.

The Environmental Compliance Approval covers the entire Municipal Stormwater Management System owned and operated (assumed) by the Town of Innisfil. This Environmental Compliance Approval does not cover municipally or privately owned sewage works on industrial, commercial, or institutional land.

This Annual Performance Report has been prepared to comply with Condition 5.2 Schedule E, of Environmental Compliance Approval #307-S701 and covers the period from January 1, 2025 to December 31, 2025. This Annual Performance Report will be made available to members of the public who are served by this system and is published on the Town’s website by June 1st of the year.

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

Stormwater Management System Categorization

The table below provides a summary of the Stormwater Collection System at the time of conclusion of the 2025 reporting period.

Table 1: Stormwater Collection System

Stormwater Collection System by Diameter			
System Type	Pipe Diameter (mm)	Length (km)	System Totals (km)
Storm Sewer	Up to 250	23.93	
Storm Sewer	>250 – 500	40.86	
Storm Sewer	>500 – 1050	29.26	
Storm Sewer	>1050	4.90	
Total Storm Sewer			98.95

Stormwater Collection System by Diameter			
System Type	Pipe Diameter (mm)	Length (km)	System Totals (km)
Ditches/Swales			354.64
Total System Length			453.59

Note: The Town of Innisfil does not own/operate Third Pipe Collection Systems or sewage works on Private Land that are part of the Municipal Stormwater Treatment Train.

The table below provides a summary of the Stormwater Management Facilities by Type at the time of conclusion of the 2025 reporting period.

Table 2: Summary of Stormwater Management Facilities by Type

Summary of Stormwater Management Facilities by Type							
Facility Type	Basic Treatment for Suspended Solids*	Normal Treatment for Suspended Solids *	Enhanced Treatment for Suspended Solids *	Other Treatment Level for Suspended Solids**	Total Quality Control	Total Quantity Control	Total Number of Facilities
LID Facilities - Retention (infiltration, evapotranspiration, harvest)	--	--	11	--	11	--	11
LID Facilities - Filtration	--	--	--	--	0	--	0
Stormwater Management Ponds – Wet (includes wetlands, hybrids)	3	6	27	--	34	32	36
Stormwater Management Ponds - Dry	8			3	11	10	11
Super Pipe / Storage Facility	--	--	--	--	N/A	--	N/A
Filtration MTD - Filter Unit	--	--	--	--	N/A		N/A
Sedimentation MTD - OGS	2	--	6	--	8		8

Summary of Stormwater Management Facilities by Type							
Facility Type	Basic Treatment for Suspended Solids*	Normal Treatment for Suspended Solids *	Enhanced Treatment for Suspended Solids *	Other Treatment Level for Suspended Solids**	Total Quality Control	Total Quantity Control	Total Number of Facilities
Pumping Stations							N/A
Other	--	--	--	--	--	--	--
Total Number of Facilities	13	6	44	3	64	42	66

* Basic, normal, and enhanced treatment correspond to 60%, 70% and 80% suspended solids removal on an annual average long-term basis, respectively.

** Treatment levels below 60% suspended solids removal on an annual average long-term basis.

2025 Annual Performance Report – Stormwater Management System

In accordance with the Environmental Compliance Approval #307-S701, Schedule E Section 5.2, the Town of Innisfil, 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 Environmental Compliance Approval requires the Annual Performance Report to contain the following elements:

- a) 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 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 Sewage Works received during the reporting period and any steps taken to address the complaints.
- g) A summary of all Alterations to the Authorized System within the reporting period that are authorized by the 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.
- j) A summary of the status of actions for the previous reporting year.

The following report was generated from the records maintained by the Town of Innisfil Stormwater Management System for the reporting period of **January 1, 2025**, to **December 31, 2025**.

(a) Interpretation of Monitoring Data

The creation and implementation of a monitoring plan for the Town’s Stormwater Management System has not been completed at this time. A monitoring program will be finalized once the Ministry of the Environment, Conservation and Parks publishes the final version of the Monitoring Guidance Document. The Town is currently working with the Lake Simcoe Region Conservation Authority (LSRCA) on a Draft Receiver Monitoring Program to fulfill this monitoring requirement.

Similar to 2024, the Town in 2025 contracted LSRCA to conduct hydraulic monitoring at ten (10) wet Stormwater Management Facilities (SWMF) within the Town. The data was received on December 18, 2025. Hydraulic data was used to compare the observed vs. their design normal water level (NWL). The data was also used to calculate the drawdown time of the ten (10) SWMF during the monitoring period. A summary of the gathered data can be found below.

Table 3: Stormwater Management Facilities Hydraulic Monitoring Data and Draw Down Time

Pond ID	Design NWL (masl)	Observed NWL (masl)	Observed Draw Down Time (hr)
PND-00082	219.25	N/A	~96
PND-00084	235.70	235.72	~48
PND-00101	265.50	N/A	<24
PND-00131	234.25	234.55	~48
PND-00710	240.35	240.34	~48
PND-00711	240.80	240.71	~48
PND-00712	240.55	240.68	~24
PND-00714	282.10	282.30	~96
PND-00715	282.47	282.51	~48
PND-00717	283.00	281.58	-

The drawdown time for the SWMF is the time it takes for a facility to return to its NWL after a rain event. An extended drawdown time indicates that a potential outlet blockage is occurring. An additional indicator for a potential blockage is when a stormwater management facility continuously fails to return to its NWL. Based on the data, four (4) of the SWMF were noted as likely to have a blockage based on both their extended drawdown times and a failure to return to their NWL. Maintenance activities are planned for 2026 to address these issues.

The hydraulic monitoring program will continue in 2026 with LSRCA staff installing the equipment in ten (10) new SWMF. Once all ponds have had one year of monitoring, the program will loop back to the facilities that required maintenance before starting back at the original 10 facilities.

(b) Interpretation of Environmental Trends

Once monitoring of the Stormwater Management System is implemented, environmental trends will be interpreted. Nothing to report during this reporting period.

(c) Operating Problems and Corrective Actions

The table below provides a summary of the operating problem that required immediate corrective action to allow the system to function as designed. Most of the work completed on stormwater management appurtenances during this reporting period are covered in Section (d) under repairs and maintenance.

Table 4: Operating Problems and Corrective Actions

Dates	Operating Problem	Corrective Action
Multiple times throughout 2025	Beaver Issues: <ul style="list-style-type: none"> - PND-00079 beaver dams were located within the multiple pond system, resulting in high water levels within the SWMF, reducing capacity within the facility. - PND-00103, PND-00106 & PND-00131 beaver dams located downstream of SWMFs and dropping trees within the pond itself, creating high water levels within the SWMF, reducing capacity within the facility. 	Trapper removed the beaver(s) and the dams were removed.
April 2025	PND-00071 experienced high water level, and water was not flowing through the outlet structure due to vegetation buildup against the corrugated outlet structure.	SWMF was dewatered and dead vegetation from the winter was removed.

Dates	Operating Problem	Corrective Action
0/30/2025 to 05/30/2025	An ice storm on March 30, 2025 resulted in numerous fallen or damaged trees within our SWMF and ditches. Impacted SWMF where: PND-00011, PND-00041, PND-00072, PND-00075, PND-00074, PND-00082, PND-00085, PND-00091, PND-00094, PND-00095, PND-00131, PND-00132, PND-00151	Vegetation management was completed throughout each facility.

(d) Inspection, Maintenance and Repairs

The Town of Innisfil completed its annual inspections of all assumed Stormwater Management Facilities, including 47 stormwater management ponds, 11 LID features, and 8 OGS units. LID features and the OGS unit assumed in 2025 were inspected and maintained prior to assumption.

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 or qualified contracted services provided who exercise due diligence in ensuring the Works and the related equipment are properly operated and maintained to achieve compliance with the Approval.

Table 5: Maintenance and Repairs

Date	Work Description	Work Type
03/18/2025 & 09/17/2025	Annual OGS Inspections	OGS Inspection
03/30/2025 to 05/30/2025	Vegetation Management as a result of the Ice Storm. Impacted SWMF where: PND-00011, PND-00041, PND-00072, PND-00075, PND-00074, PND-00082, PND-00085, PND-00091, PND-00094, PND-00095, PND-00131, PND-00132, PND-00151	Vegetation Management
03/27/2025	Repair maintenance hole which resulted in a sinkhole – Lamstone Street, Alcona	Storm Sewer Repair
06/18/2025 to 07/11/2025	Annual catchbasin cleanout program – Remove sediment from the sumps of every catchbasin.	Catchbasin Cleanout

Date	Work Description	Work Type
07/07/2025	Replacement of a cross culvert on Shore Acres Drive due to the structural integrity of the culvert.	Culvert Replacement
07/29/2025	Repair catchbasin which resulted in a sinkhole – Corm Street, Alcona.	Catchbasin Repair
10/20/2025 to 12/19/2025	Phragmites Removal Program: Herbicide application in 20 SWMF throughout the Town, including the mowing of the dead stocks.	Vegetation Management
10/21/2025	Replacement of a cross culvert on Florence Road due to the structural integrity of the culvert.	Culvert Replacement
10/22/2025	Replacement of a cross culvert on Minnetonka Road due to the structural integrity of the culvert.	Culvert Replacement
10/23/2025	Repair south section of a cross culvert on Big Bay Point Road due to the structural integrity of the culvert.	Culvert Repair
11/10/2025	Removal of collected sediment and oils from OGS-00001, OGS-00002, OGS-00003 & OGS-00024.	OGS Cleanout
11/13/2025	Replacement of the upper half of the headwall grates which had previously been removed. (PND-00083).	Pond Maintenance
11/14/2025	Erosion protection along swale inlet at PND-00094.	Pond Maintenance
April 2025 to December 2025	Hydraulic Monitoring – Water level – 10 Wet SWMF.	Draw Down Time Monitoring
Throughout 2024	The ditching program maintained approximately 2,750m of ditching in 2025.	Ditching Program

(e) Monitoring Equipment Calibration and Maintenance

No monitoring equipment was used during this reporting period. Therefore, at this time there is nothing to report.

(f) Complaints

There were 22 Stormwater Management complaints related to the Town-owned facilities during this reporting period. These complaints are summarized in the table below. The Town also received 5 stormwater management complaints related to unassumed (development-owned) facilities during this reporting period.

Table 6: Complaints

Dates	Description of Complaint(s)	Resolution
09/18/2024 to 01/10/2025	Beaver(s) in SWMF and dams located downstream of the outlet. (PND-00131)	Beaver(s) were removed and dams downstream were removed by hand.
02/23/2025	Broken catchbasin lid on Vincent Crescent.	Lid was replaced.
02/27/2025 to 03/17/2025	Sinkhole around maintenance hole on 25 Sideroad.	Repaired maintenance hole and repaved around the structure.
03/17/2025 to 04/25/2025	Litter around SWMF (PND-00716).	Litter collected.
04/02/2025 to 09/09/2025	High water level in SWMF (PND-00071), the complaint was that the Town's pumping was resulting in flooding of the downstream property.	Investigate water levels downstream. Water level up about 150 mm, so the pump was turned down. Ditching along section of St. Johns Road was completed in the fall.
04/24/2025 to 04/28/2025	Litter around SWMF (PND-00064).	Litter collected.
05/01/2025	Inlet clogged PND-00075	Vegetation removed from the fence over the inlet swale.
05/01/2024 to 11/13/2025	Beaver(s) in SWMF and dam located between pond 1 and pond 2 of the facility. (PND-00079)	Beaver(s) were removed and the beaver dam was removed.
05/05/2025 to 05/26/2025	Litter around SWMF (PND-00716).	Litter collected.
05/08/2025 to 06/18/2025	Broken gate at PND-00043.	Unassumed - Developer replaced the gate.
05/21/2025 to 05/22/2025	Broken Fence at PND-00085	Contractor repaired broken section of fence.

Dates	Description of Complaint(s)	Resolution
05/26/2025 to 05/30/2025	Erosion in the ditch behind the property, resulting in retaining wall damage.	Minor erosion not impacting the retaining wall. The retaining wall was added behind the fence (on private property) after original construction (private issue).
05/26/2025 to 06/06/2025	Garbage bags were placed at SWMF (PND-00812) as a result of Pitch-in Day.	Garbage bags removed.
05/29/2025 to 05/30/2025	Unauthorized chainsaws are working in PND-00082.	Vegetation management as a result of the ice storm. Contractors working on behalf of the Town.
06/05/2025 to 07/25/2025	Sinkhole 1m away from catchbasin on Maclean Street.	Repair catchbasin lead and repave.
06/09/2025 to 06/10/2025	Neighbours fence was installed on Town property backing onto the SWMF (PND-00711).	Fence confirmed that it was installed on private property.
06/16/2025 to 08/12/2025	Trees located in SWMF (PND-00085) was damaged in ice storm and should be removed.	5 trees removed.
05/01/2024 to 11/13/2025	Beaver(s) in SWMF and dam located in pond 5 upstream of the control structure/walking tail. (PND-00079)	Beaver(s) were removed and the beaver dam was removed.
06/29/2025 to 07/29/2025	Catchbasin inner wall collapsed on Corm Street.	Contractor repaired the catchbasin
06/17/2025 to 08/01/2025	SWMF (PND-00087) is overgrown - requesting maintenance of the path.	Unassumed - Development walked trail and did not see any issue.
08/13/2025 to 08/14/2025	Vegetation and debris obstructing outlet swale from splashpad to SWMF (PND-00011).	Debris and vegetation removed.
08/20/2025 to 09/16/2025	Construction material left from pond cleanout, signage (sidewalk) and garbage issues (PND-00716).	Construction material, garbage and sidewalk closed sign removed.
08/20/2025 to 08/28/2025	Vehicles using SWMF access route (PND-00104).	Unassumed - Developer installed locks on swing gates to keep the vehicle out.

Dates	Description of Complaint(s)	Resolution
09/23/2025 to 11/13/2025	Beaver(s) in SWMF and dam located in pond 5 upstream of the control structure/walking tail. (PND-00079)	Beaver(s) were removed and the beaver dam was removed.
09/24/2025 to 11/07/2025	Beaver(s) in SWMF and dams located downstream of the outlet. (PND-00106 & PND-00103).	Beaver(s) were removed and the beaver dam was removed.
09/25/2025 to 10/24/2025	Flooding concerns on West Street.	Operations will continue to monitor during large rain events.
10/17/2025 to 10/21/2025	A resident is unhappy with the herbicide application for the Phragmites Control Program at PND-00082.	Program continued under MECP Permit.

During heavy rain events or spring thaws, there are typically calls that come into the Town from residents who have issues with stormwater flooding and high-water levels in their yards, on roads, or in ditches. These issues are typically addressed with Operations staff completing the removal of snow/ice/vegetation blockages, unblocking catchbasins grates, flushing/steaming culverts, and setting up pumps in strategic locations. These issues are not included in the table above.

(g) Alterations to the Authorized System

The tables below summarize the projects that saw alterations to the stormwater management system during this reporting period.

Table 7: Alterations – Storm Water (SW) Forms

Alteration Type – Project Name	Submission Date	Project Details	Status
SW1 – Town Hall Parking Lot	01/10/2025	Parking lot redesign, including sewer construction.	Under Construction
SW2 – Town Hall Parking Lot	01/10/2025	Parking lot redesign, including LID installation.	Under Construction
SW1 – Innisfil Executive Estates	03/31/2025	Development proposes storm sewer installation.	Under Construction

Alteration Type – Project Name	Submission Date	Project Details	Status
SW1 – Killarney Beach Road	07/22/2025	Urbanization and widening of Killarney Beach Road, including sewer construction.	Under Construction
SW2 – Killarney Beach Road	07/22/2025	Urbanization and widening of Killarney Beach Road, including OGS unit installation.	Under Construction
SW1 – 25 Sideroad (Mapleview Dr. to Big Bay Point Rd)	09/21/2025	Ditch alterations from Mapleview Drive to Big Bay Point Road.	Under Construction
SW2 – 25 Sideroad (Mapleview Dr. to Big Bay Point Rd)	09/21/2025	Installation of enhanced grass swales.	Under Construction
SW2 – Victoria Green SWM Facility Retrofit	10/08/2025	Pond Retrofit from Dry to Wet facility. PND-00093	Completed
SW1 – Jackson Park	11/10/2025	Capital Project for the installation of storm sewer.	Under Construction
SW1 – Centre Street & George Street (Cookstown)	12/10/2025	Capital Project for the replacement of storm sewer.	Under Construction
SW2 – Centre Street & George Street (Cookstown)	12/10/2025	Capital Project for the replacement of storm sewer, including OGS unit installations.	Under Construction
SW1 – 5 th Sideroad (Blundell Court)	12/11/2025	Development proposes storm sewer installation.	Under Construction
SW2 – 5 th Sideroad (Blundell Court)	12/11/2025	Development proposes stormwater management pond .	Under Construction

Table 8: Alterations – Assumptions

Alteration to the Authorized System – Project Name	Date	Project Details
Town Square	05/23/2025	Assumption of storm sewers, OGS Unit (OGS-00025) and Stormwater management Facilities (LID-00007, LID-00008, LID-00009, LID-00010, LID-00011, LID-00012, LID-00013 & LID-00014) from Capital project.
SanDiego 2, Phase 2B (Rizzardo Crescent)	09/21/2025	Assumption of storm sewers within these developments previously authorized under ECA number 1430-68ERUJ.
SanDiego 2, Phase 2B (Rizzardo Crescent)	10/08/2025	Assumption of storm sewers within these developments previously authorized under ECA numbers 2124-4L5REZ and 4496-9MQR45.
Alcona Downs 4	12/02/2025	Assumption of storm sewers within these developments previously authorized under ECA number 1441-C4BKBL.

(h) Spills and Abnormal Discharge Events

The table below summarizes any spills and/or abnormal discharges that were noticed by Town staff or reported through the Spills Action Centre (SAC) that the Town was made aware of during this reporting period.

Table 9: Spills and Discharges

Spill/Discharge Event	Date	Details
1503 Prentice Road	01/20/2025	Staff responded to a witness's concerns regarding oil being dumped down a catch basin in an unassumed subdivision. It was confirmed that there was evidence on the lid and inside the catch basin. The Town forwarded the case to the Developer responsible for the system.
2322 Warrington Way	05/07/2025	Staff responded to a witness's concerns regarding paint being dumped down a catch basin. By-law attended the site and confirmed it was drywall compound. Material was contained in the catch basin. Contractor returned and removed all remnants of the compound from the catch basin.

Spill/Discharge Event	Date	Details
17 Victoria Street	07/18/2025	Staff responded to a resident's concerns regarding a concrete truck cleaning their truck into a catchbasin. Town staff attended the site and found approximately 6 to 8 inches of concrete sediment at the bottom of the concrete. The homeowner obtained the services of Bagger to come clean out the catch basin.

(i) System Performance Improvements and Correction

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

Table 10: System Performance – Operating Projects

System Performance Improvement	Program Description	Date	Actions
Stormwater Management Pond Inspection	Annual visual inspection of every Wet, Dry and Wetland facility	Fall 2025	Results of inspections trigger maintenance requirements on facilities to be completed in-house or contracted out in 2026.
Hydraulic Monitoring	Water Level Monitoring of ten (10) wet SWMF for the entire year.	2025	Results show how the SWMF are functioning, more specifically, the draw-down times. The results of monitoring triggers maintenance requirements on outlet structures to be completed in 2026.
OGS Inspection and Cleanout	Annual Inspection, which triggers cleanouts as per the manufacturer's specifications	2025	Inspections trigger cleanout requirements.
LID Inspection	Annual visual inspection of every LID feature during a large rain event, with a follow-up visit 24 hrs later to see how the system performed	Fall 2025	Results of inspections trigger maintenance requirements on facilities to be completed in-house or contracted out

System Performance Improvement	Program Description	Date	Actions
Catchbasin Cleanout	Annual cleanout of every catchbasin within the Town's system.	Summer 2025	Completed
Litta Trap Maintenance	The removal of dirt and debris.	Summer 2025	Completed
Ditch Cleanout	Currently completed on a complaint or reactive basis (budget pending)	Summer/ Fall 2025	Completed
Phragmites Control Program	Phragmites removal, including herbicide application and cutting in 20 SWMF throughout the Town and along Town and County roads.	Fall 2025	Herbicide application completed, cutting to be completed in the winter of 2026.
Culvert Repair and Replacement	Replacement of cross culvert due to the structural integrity of the culvert.	10/21/2025 10/22/2025 10/23/2025	Florence Road, Minnetonka Road & Big Bay Point Road.
Storm Sewer Catchment Asset Inventory	Produce the Storm Sewer Catchment Asset Inventory submission pursuant to Schedule E, Item 9.0 of the Town's CLI-ECA.	2025	Complete

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

Table 11: System Performance – Capital Projects

System Performance Improvement	Program Description	Date	Actions
Capital Retrofit and Cleanout Program	Completion of one pond retrofit and pond cleanout (budget pending). This program is driven by the Town's Stormwater Management Master Plan and Flooding Strategy (2024)	2025	Design Construction (PND-00093) No pond cleanout was completed in 2025.
Storm Sewer Repair Program	Program to address issues raised with the existing stormwater sewer system, as indicated by the CCTV inspections (2020-2021).	2025	<ul style="list-style-type: none"> - Relining of approximately 1,500m of storm sewer - Flushing at 10 locations - Relining at 28 locations - Spot repairs at 28 locations
Road Drainage Improvement Program	The program improves drainage along various roads where known drainage problems exist.	2025	Construction on: <ul style="list-style-type: none"> - Crystal Beach Road - Buchanan Street - Tall Tree Line - Bonsecour Crescent - Goodfellow Avenue Design: <ul style="list-style-type: none"> - Bayshore Road - Dempsey Road - Parkview Drive - Wood Street
Operations and Maintenance Manual – Innisfil Stormwater Management System	Produce a guidance document for the inspection, operation and maintenance of the Innisfil Stormwater Management System pursuant to Schedule E, Item 3.2 of the Town's CLI-ECA.	2025	Complete

The table below summarizes the capital and operating projects that have been completed outside of the reporting period that play a critical role and have an overall positive impact on the system's performance.

Table 12: System Performance – Historic Capital and Operating Projects

System Performance Improvement	Program Description	Date	Actions
Storm Sewer Flushing and CCTV Inspection and Assessment	Every five (5) years, routine CCTV inspections of the entire stormwater sewer system will provide the Operations, Finance, and Engineering Departments with detailed information on which pipes require immediate replacement versus those that can be planned for in the future.	2020 to 2021	Feeds into the Town's Stormwater Sewer Replacement Program, which has been approved by Council to begin in 2025.
Bathymetric Surveys	Every five (5) years, a full topographic and/or bathymetric survey should be completed on every assumed Stormwater Management Facility (Dry Pond, Wet Pond, Wetland) located within the Town which will determine the sediment accumulation and accumulation rate within each facility.	2020 to 2022	Feeds into the Town's Stormwater Pond Cleanout and Retrofit Program. Schedule to be completed again in 2026.

System Performance Improvement	Program Description	Date	Actions
Stormwater Management Master Plan and Flooding Strategy (SWM-MP & FS)	<p>The SWM-MP & FS is a strategic document that provides direction for the management of stormwater runoff and related infrastructure.</p> <p>The SWM-MP & FS identifies a preferred strategy to protect and enhance natural features, ecological function and biophysical integrity, and appropriately manage risks through the identification of preferred approaches and the establishment of environmental targets.</p> <p>The SWM-MP are completed every 5 years.</p>	2024	<p>Over the next 18 years the SWM-MP establishes stormwater management policies and guidelines, addresses stormwater infrastructure needs, identifies and prioritizes recommended works, and informs the overall asset management plan. The FS identifies and prioritizes areas of concern for flooding and creates a plan for cost-effective, environmentally sustainable, and innovative solutions.</p>

(j) Status of Actions for Previous Reporting Year

This section contains a summary of the status of the Town’s Stormwater Management System detailed in 2024.

Hydraulic Monitoring

In 2024 & 2025, the Town obtained the services of the LSRCA to conduct hydraulic monitoring at ten (10) wet Stormwater management Facilities within the Town each year. Data from this monitoring indicated that eight (8) of the SWMF were noted as likely to have a blockage based on both their extended drawdown times and a failure to return to their NWL. Maintenance activities, including CCTV inspection, flushing, and stone replacement, are planned for 2026 to address these issues.