

SUBJECT: Asset Management

County of Brant – Strategic Asset Management Policy Addendum – Stormwater Management Systems

Policy #:	
Effective date:	July 1, 2025
Amendment date:	July 1, 2025
Replaces:	

1. Procedure Statement and Scope:

This addendum to the Strategic Asset Management Policy (SAMP) identifies the specifics in the application of the policy as it pertains to the Stormwater Management Systems-related assets. The content of this addendum should be read in conjunction with the SAMP.

2. Principles:

Preparation of the Stormwater Management Systems portion of the Asset Management Plan (AMP) shall consider but not be limited to the following:

Regulatory Compliance – The Municipality shall consider all applicable legislation in the development and update of its AMP, including but not limited to:

1. *Ontario Regulation 588/17, Asset Management Planning for Municipal Infrastructure*
2. *The Conservation Authorities Act*
3. *The Development Charges Act, 1997 (Ontario Regulation 82/98)*
4. *The Environmental Assessment Act*
5. *The Environmental Protection Act*
6. *The Planning Act and related regulations*
7. *Maintenance Standards For Municipal Highways (Ontario Regulation 239/02)*
8. *Municipal Act 2001, Section 44 (1)*

Level of Service (LOS): The County of Brant's (the County) assets exist to deliver services to the public (more specifically property owners), and internal staff to be able to serve those property owners.

LOS are used to assess the actual services being delivered so that decisions can be made about the assets based on the service that they provide rather than simply on their technical components alone.

These standards will help the County to understand the current state of infrastructure by identifying infrastructure deficiencies, failures and weaknesses. Knowledge of this information helps with the maximization of infrastructure performance while minimizing cost and risk.

LOS are not specifically defined by the *Ontario Regulation 588/17*. The regulation provides some measures but does not include targets. Therefore, the County has developed its own specific defined LOS measures and targets.

The LOS measures for the County Stormwater Management Systems will be established as Technical (or Asset) Levels of Service.

Technical (or Asset) Levels of Service (TLOS) measure the adequacy of the assets to deliver these services. TLOS measures are directly linked to activities and annual budgets regarding acquisition, operation, maintenance, and renewal. Asset owners and managers create, implement and control technical service levels to influence the service outcomes.

3. Application:

In coordination with the Environmental Services Division, these will be the County's designated LOS measures for stormwater management systems:

Technical Levels of Service		
Service Attribute	Level of Service	Qualitative Description
Scope	Percentage of properties in municipality resilient to a 100-year storm.	50%*
	Percentage of the municipal stormwater management system resilient to a five (5)-year storm.	100%
Technical Levels of Service		
Service Attribute	Level of Service	Qualitative Description
Performance	Age of sewer pipe based on condition and manufacturers specifications	Concrete, Plastic, PVC – 100 years CSP, Clay, Cast Iron – 50 years
	Condition evaluation by flush and camera and assessed based on NASSCO Pipeline Assessment Guidelines (rating of zero (0) being best to five (5) being worst)	10 Years (1/10 of network per year)
	Immediate repair of local break/failure. Pipes with a four (4) (poor) or five (5) (very poor) to be monitored and considered for replacement or repair.	Immediate for failures Monitored for 4/5
	Oil and grit separators evaluation and maintenance	Annual maintenance and inspection.
	Stormwater management ponds, stormwater outlets and valves evaluation and maintenance.	Annual maintenance and inspection.