

9.0 Servicing

9.1 Background

Since the Official Plan came into effect, land use planning for stormwater management has also evolved to emphasize the need for more naturalized stormwater management practices to help reduce capital and maintenance cost and encourage more sustainable practices.

Gananoque is serviced by municipal water services, municipal sewage services and stormwater management facilities. Gananoque's municipal water system includes the water treatment plant located on and drawing water from the St. Lawrence River and a distribution system that consist of approximately 48 kilometres of underground pipes.

Gananoque has not yet developed a water wastewater master plan or stormwater management plan/guide/

9.2 The Land Use Planning Framework

9.2.1 The Planning Act

The Planning Act required that planning authorities have regard to the adequate provision and efficient use of communication, transportation, sewage and water services and waste management systems in carrying out their responsibilities under the Act.

9.2.2 The Provincial Policy Statement

Policy 1.1.1 g) states that healthy, liveable and safe communities are sustained by ensuring that necessary infrastructure and public service facilities are or will be available to meet current and projected needs.

Policy 1.6.1. states that infrastructure and public service facilities shall be provided in an efficient manner that prepares for the impacts of a changing climate while accommodating projected needs. Planning for infrastructure and public service facilities shall be coordinated and integrated with land use planning and growth management so that they are financially viable of their life cycle and available to meet current and projected needs.

Policy 1.6.2 states that planning authorities should promote green infrastructure to complement infrastructure.

Policy 1.6.6.1 states that planning for sewage and water services shall:

- a) accommodate forecasted growth in a manner that promotes the efficient use and optimization of existing municipal sewage services and municipal water services ...
- b) ensure that these systems are provided in a manner that can be sustained by the water resources upon which such services rely, prepares for the impact of a changing climate, is feasible and financially viable over their lifecycle, and protects human health and safety and the natural environment.
- c) promote water conservation and water use efficiency;

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- d) integrate servicing and land use considerations at all stages of the planning process; and
- e) be in accordance with the servicing hierarchy outlined through the PPS.

Policy 1.6.6.2 states that municipal sewage services and municipal water services are the preferred form of servicing for settlement areas to support protection of the environment and minimize potential risks to human health and safety. Within settlement areas with existing municipal sewage services and municipal water services, intensification and redevelopment shall be promoted wherever feasible to optimize the use of the services.

Policy 1.6.6.3 and 1.6.6.4 states that where municipal sewage services and municipal water services are not available planned or feasible, private communal or private individual services are permitted, in that order, and subject to certain criteria.

Policy 1.6.6.7 states the planning for stormwater management shall:

- a) be integrated with planning for sewage and water services and ensure that systems are optimized, feasible and financially viable over the long term;
- b) minimize, or, where possible, prevent increases in contaminant loads;
- c) minimize erosion and changes in water balance, and prepare for the impacts of a changing climate through effective management of stormwater, including the use of green infrastructure;
- d) mitigate risks to human health, safety, property and the environment;
- e) maximize the extent and function of vegetative and pervious surfaces; and,
- f) promote stormwater management best practices, including stormwater attenuation and re-use, water conservation and efficiency and low impact development.

9.2.3 The Official Plan

The Official Plan includes policies on water, wastewater and stormwater management. These policies generally direct development to areas where services can be reasonably extended and does not result in unplanned extensions. The policies encourage capacity allocation for economic development purposes, require stormwater management in accordance with provincial, conservation authority and local requirements, and permit consideration of partial, private communal or partial services, subject to certain criteria.

9.3 Conclusion

The Official Plan includes policies that speak to water, wastewater and stormwater services. These policies should be reviewed in the context of the updated Provincial Policy Statement policies that place a greater emphasis on the use of green infrastructure.