

The County of Brant owns and manages water, wastewater and stormwater systems that support the town of Paris. In 2016, the County of Brant completed the Paris Master Servicing Plan to address issues to existing infrastructure and to plan for new infrastructure using a phased approach through to 2031. However, with the increase of development interests, targets in the plan were exceeded and an update to the plan was complete in 2020.

The 2020 Paris Master Servicing Plan update looks at how the County of Brant can keep up with existing and growth-related needs for Paris's water, wastewater and stormwater systems. The plan identifies the long-term servicing requirements to support the full buildout of the Paris Settlement Area Boundary and identifies project needs based on individual growth triggers within the new service area, instead of in construction years.

To plan and coordinate effectively, there are two (2) planning scenarios that have been developed in the 2020 update. In each scenario, growth targets would initiate the work to begin.

Capital Planning Horizon: This scenario includes the full buildout of residential blocks within the Paris Settlement Area Boundary and an employment growth of 50%.

Paris Settlement Area Boundary Buildout: This planning scenario includes the full buildout of all residential blocks and complete employment growth within the area.

Water Servicing

The capacity of the existing water supply facilities is not sufficient to accommodate growth for either growth scenario. To support the supply and servicing options, two (2) options are recommended. Option one (1) is a new North groundwater source by building a new treatment facility or consolidating the existing Gilbert Supply facility. Option two (2) involves the County of Brant purchasing water from the City of Brantford. At this time, the County of Brant will need to complete further investigation and work with the City of Brantford to create a long-term supply strategy.

Wastewater Servicing

The Paris Water Pollution Control Plant currently sits on 4.23 hectares of County owned lands only occupying 1.79 hectares, allowing an expansion to the plant. The Capital Planning Horizon scenario estimates flows will be 1.6 times greater and the Paris Settlement Area Boundary Buildout scenario estimates flows will be 2.3 times greater than the current capacity. A phased approach is recommended for the expansion of the plant including the construction of treatment trains. A treatment train is a sequence of multiple wastewater treatments which are designed to meet the needs of the natural environment.

The trains would sufficiently expand the capacity for both the Capital Planning Horizon and Paris Settlement Area Boundary Buildout scenarios.

Stormwater Servicing

The Stormwater system includes storm sewers, culverts, storage tanks and stormwater management ponds.

Paris Master Servicing Plan Update

Many of the new developments in the County of Brant include stormwater systems built into their lots and sub areas or include collaboration with the County of Brant.

There are three major sub areas in development who have not submitted stormwater management systems in their plans. Therefore, servicing options in these areas were created and include maintaining and directing runoff to natural features such as the Grand River, collaboration with private landowners and on-site infiltration.

The Paris Master Servicing Plan included three public consultations; the Notice of Commencement on November 12, 2018, a public presentation of the study on June 12, 2019 and now it is currently in the 45 day review period for comments by the public and agencies until January 8, 2021.

The recommendations in the plan will be carried over multiple years and complete build out will take up to 20 years to complete. The estimated cost over the years of completion will total over \$100 million dollars. Individual projects will be proposed through the County of Brant budget process as well as largely funded through Brant development charges.

For more information regarding the Paris Master Servicing plan and to review the full report, please visit www.brant.ca/plans.