

Background:

The community of St. George is currently serviced by the St. George Water Pollution Control Plant. The St. George plant has reached its approved capacity and an increase in wastewater treatment capacity in the St. George service area is required to meet the growing community's wastewater treatment needs.

The existing plant also has process capacity limitations that prevent the plant from providing its approved capacity. Sludge and biosolids management processes at the St. George plant are also at or near capacity. In light of these issues, the County undertook a Schedule C Class Environmental Assessment study to determine the preferred wastewater treatment and biosolids management solution for the St. George service area to provide reliable, long term operation and performance.

Strategy:

Through completion of the Study, the following wastewater servicing concepts have been recommended to service the projected growth and long-term servicing needs of the St. George community:

Wastewater Treatment:

- Expand the existing St. George plant to 3,900 m³/d with existing outfall location.

Biosolids Management:

- Expand aerobic digestion at St. George plant and Dewater at Paris Water Pollution Control Plan.

Capital cost estimates for the preferred recommended alternatives are \$31.6M and \$3.0M for wastewater treatment and biosolids management, respectively.

Public and agency input was sought at key stages of the Class EA process to provide the public with opportunities to comment on the project.

Due to the nature of this project, some inevitable effects in terms of dust, noise, and truck traffic will be felt around the construction areas. However, potential social effects can be further reduced by implementation of mitigation measures outlined in the report. Therefore, no significant environmental, socio-cultural, geotechnical, archaeological or heritage resource impacts are anticipated as a result of this project.

Timeline and Implementation:

The St. George Wastewater Servicing Environmental Assessment Report was finalized in March, 2021.

For more information regarding the St. George Wastewater Servicing Environmental Assessment Report and to review the full report, please visit www.Brant.ca/Plans.