

## Brechin Sanitary Sewage Works Project

Client: Township of Ramara

Year: 2003 - 2008



### SERVICES PROVIDED

The community of Brechin was experiencing constraints to growth and significant environmental impacts as a result of outdated and undersized individual sewage disposal systems. CCTA was retained by the Township to undertake a comprehensive Master Servicing Plan in accordance with the Municipal Class EA process to identify the most feasible, sustainable and environmentally appropriate solution to provide municipal sewage collection, treatment and disposal. The Master Servicing Plan was completed in 2004 and recommended a system of gravity sanitary sewers and low pressure sewers in concert with three pumping stations and forcemains, to connect Brechin to the Lagoon City Sewage Treatment Plant. CCTA prepared a final design addressing complex issues with bedrock, high groundwater, organic soils, a railway crossing and two canal crossings. CCTA worked closely with the Township and through a number of public meetings arrived at a financial model for cost recovery through sharing of costs between existing residents and a significant growth component. CCTA provided construction services for the \$6.5M project which was completed in August 2008.

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