

Geraldton WWTP Remedial Works

Client: **Municipality of Greenstone**

Year: 2007-2010



SERVICES PROVIDED

The Geraldton Wastewater Treatment Plant (WWTP) and pumping stations have recently undergone major expansions and upgrades, in part to minimize raw sewage by-passes to Hardrock Creek. Following a technical peer review of the planning and design of the WWTP and sewage pumping stations, CCTA designed and supervised the construction of the remedial works needed to address some twenty major deficiencies. The remedial works include: the re-programming of the controls for the main sewage pumping station's pumps and forcemains; new forcemain at the lift station; redesign of the new WWTP headworks in order to enable bypass flow monitoring; refurbishing of an existing clarifier to provide additional biosolids storage; modifications to the sludge pumping station; and larger water service to the WWTP. CCTA successfully applied for and obtained Building Canada Funding for the remedial works.

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