

Kapuskasing Wastewater Treatment Plant Upgrades

Client: Town of Kapuskasing

Year: 2008 - 2010



SERVICES PROVIDED

Kapuskasing's wastewater treatment plant is a 9,090 m³/day secondary treatment facility. It requires numerous upgrades to eliminate raw sewage bypasses to the Kapuskasing River and to address operational and equipment deficiencies. Following a successful application to the Building Canada Fund, CCTA completed a detailed assessment of the facility, including an energy audit, in order to identify the required upgrades and appropriate energy efficiency measures. Drawings and tender documents were prepared for the addition of a biosolids storage tank on piles and new digester decanting facilities, replacement or addition of various treatment equipment such as screw pumps, mechanical screening, return and waste activated sludge pumps, aeration diffusers, flow meters, clarifier covers, piping, motors and valves; addition of effluent UV disinfection; replacement of the emergency generator, transformer and primary switch; and replacement of most of the heating and ventilation system, including a new spare boiler. CCTA is responsible for the administration and inspection of the \$7M construction contract scheduled to be completed in the spring of 2011.

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