

Church Street Sewage Pumping Station

Client: District Municipality of Muskoka

Year: 2011 - 2015



SERVICES PROVIDED

Following the completion of an I/I study in 2009 and a Schedule B Class EA study in 2012, CCTA completed the design, secured approvals and provided contract administration and inspection services for the replacement of the Church Street SPS in the Town of Huntsville. The SPS has a 50-year capacity of 63 L/s, and includes modifications to the existing wet well to accommodate 4 new submersible sewage pumps, discharging to two separate forcemains, and a new control building housing a generator, MCC, PLC, and wet well odour control equipment. The building has a lower floor containing pump discharge piping and valves to avoid confined spaced entry into the wet well. The upper and lower floors are isolated from each other and each equipped with dedicated HVAC systems to comply with the hazardous classification requirements of the OESC and NFPA 820. Building architecture was designed to comply with the Town's Main Street heritage theme. A temporary closure of the adjacent street was required to provide space for construction staging and materials storage. The design included a 3-pump temporary pumping system to bypass the existing wet well during construction. Construction of the \$2.0M replacement SPS was substantially performed in January 2015.

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