

Innisfil Heights Water Reservoir & BPS

Client: Town of Innisfil

Year: 2014



SERVICES PROVIDED

CCTA designed a new water reservoir and booster pumping station for the Innisfil Heights community and Economic District Area in the Town of Innisfil. The first phase of the facility, which was constructed in 2014, consists of a booster pumping station with four vertical turbine pumps equipped with VFDs, providing a firm capacity of 160 L/s, and an attached 1,100 m³ partially in-ground concrete reservoir. The reservoir is currently filled from the Innisfil Heights groundwater supply system. A future connection to the Lakeshore Water Treatment Plant is planned. The facility includes a bulk water filling station with an access card system, and a radio communication system for monitoring and control from the Lakeshore WTP. The design accommodated the small site, which is restricted by currently occupied buildings. CCTA provided contract administration and inspection services during construction.

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