

CRAIG BAY TRUNK SEWER SEWAGE PUMP STATIONS CITY OF PARKSVILLE

As part of the Craig Bay Trunk Sewer, the City of Parksville constructed two pump stations to deliver sanitary sewage from the Craig Bay area to the municipal sanitary sewage collection system. The trunk sewer and pump stations were paid for by the Craig Bay Seaside Village development created by Intracorp Developments Inc.

The Martindale Road pump station is designed for a capacity of 180 l/s, and each of the two pumps initially installed has a capacity of 80 l/s. The wet well is 8.2 m deep and has space for three submersible sewage pumps. A separate valve chamber contains gate, check and air release valves, arranged so that sewage can be delivered into either or both force mains leaving the facility. The valve chamber also incorporates piping that allows the insertion of a cleaning pig into either force main. A diesel-fuelled 125 kW standby generator and transfer switch are housed in a pre-engineered building on site.



Completed station with valve chamber in the foreground, the wet well central, and the generator enclosed in background

The Craig Bay pump station is designed for a capacity of 94 l/s, and each of the two pumps initially installed has a capacity of 40 l/s. The wet well is 7.1 m deep and has space for three submersible sewage pumps. This station has a valve chamber similar to the one at Martindale Road, and also has a 125 kW standby generator and transfer switch.



Formwork for the valve chamber and wet well



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