

## New England Village Sewage Pumping Station

Client: **Baywood Homes**

Year: 2011-2013



### SERVICES PROVIDED

New England Village is a prominent development project in Wasaga Beach by Baywood Homes, integrating 1,850 new residential homes with an 18-hole golf course. CCTA designed all site servicing including the sewage pumping station and sanitary forcemains. The sewage pumping station was designed to accommodate a wide range of flows and is comprised of a 10 m deep, two-cell, wet well with an adjoining control building to house a generator, MCC and PLC. The building has a lowered dry well containing all valves and a flow meter, to limit confined space entry into the wet well. The wet well is initially equipped with two submersible pumps providing a firm capacity of 21 L/s. In the future, two additional pumps will be installed to pump 83 L/s, and ultimately, one pump will be replaced to achieve a flow of 100 L/s. The sewage pumping station is equipped with 150 mm and 250 mm diameter forcemains. CCTA completed the preliminary and final designs, secured approvals, and provided construction contract administration and inspections services. This \$2.0M sewage pumping station was commissioned in July 2013.

Key Staff: Rod Langford, Keith Shular, Randy Simpson, Suzanne Troxler, Bill Verwey



**C.C. Tatham & Associates Ltd.**  
Consulting Engineers

Collingwood

Bracebridge

Orillia

Barrie

email: [info@cctatham.com](mailto:info@cctatham.com)  
web: [www.cctatham.com](http://www.cctatham.com)