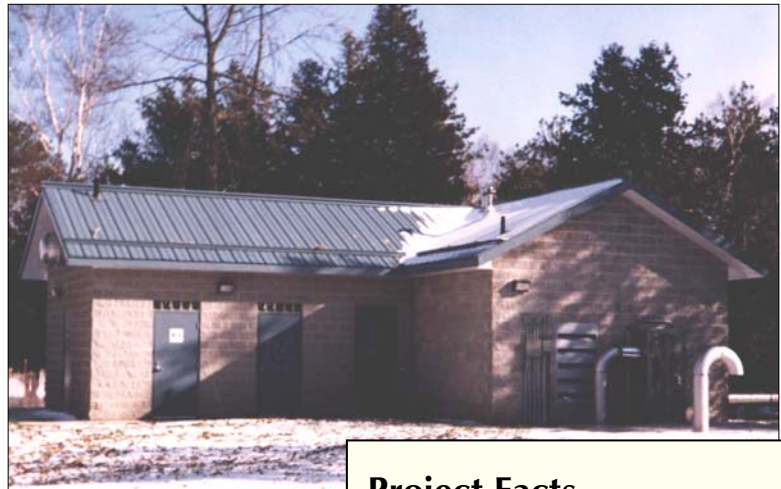




Pump Station No. 1

Both pump stations were required to facilitate future development in the West End of the municipality and to go hand-in-hand with the West End trunk sewer extensions.



Pump Station No. 2

Sewage Pump Stations No. 1 and 2 Town of Wasaga Beach

In 1993, the Ainley Group applied for funding to construct Pump Station Nos. 1 and 2 under the Municipal Assistance Program, on behalf of the Town of Wasaga Beach. When funding assistance was approved in February of 1994, the Ainley Group was retained to prepare a design brief in support of an application for Approval of Sewage Works. Both pump stations were required to facilitate future development in the west end of the municipality and to go hand-in-hand with the west-end trunk-sewer extensions.

Pump Station No. 1, located within a dead-end right-of-way, is submersible and is equipped with a backup diesel generator.

Pump Station No. 2, located in a park area adjacent to 45th Street, is also a submersible type equipped with a backup diesel generator. In addition, public washrooms were included in the design and constructed as part of the works for the convenience of day visitors to the Beach.

Both pump stations were subject to a Schedule 'B' Class Environmental Assessment, which was undertaken in 1994.

Project Facts

Client: Town of Wasaga Beach

Scope of Work:

- Schedule 'B' Class Environmental Assessment (EA)
- Design brief
- Detail design
- Contract tendering
- Contract administration
- Construction supervision and inspection.

Key Design Criteria:

Pump Station No. 1

Peak Flow	30 L/s
Pumps:	2 Submersibles Fixed Speed
Standby Power:	D/G, 15 kW
Project Cost:	\$350,000 (1996)

Pump Station No. 2

Peak Flow	105L/s
Pumps:	4 Submersibles 2 Fixed Speed 2 Variable Speed
Standby Power:	D/G, 20 kW
Project Cost:	\$520,000 (1996)