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Master Servicing Plan Town of The Blue Mountains

In 2000, the Ainley Group was retained by the Town of The Blue Mountains to complete a Master Plan for water and wastewater servicing. The assignment required an assessment of the future needs of various communities within the Town, including Thornbury, Camperdown and the Craigleith/Blue Mountain area. The intent of the Master Plan was to identify the servicing requirements for the imminent development that was to occur throughout the Town. Population and water demand/wastewater flow projections were developed along with the capacities of the existing systems. A list of capital works projects was identified and cost estimates were prepared for each of the identified works. The total estimated value of the infrastructure works was in the order of \$75 million.

The list of identified infrastructure projects includes expansions of the Town's two wastewater treatment facilities in Thornbury and Craigleith and the water filtration plant in Thornbury. In addition, recommendations were made to purchase water from the Town of Collingwood in order to augment the Town's existing supply and to add new water storage facilities in Thornbury, Camperdown and the Craigleith/Blue Mountain area. The assessment also provided advice with respect to extensions of the trunk water distribution and wastewater collection systems. The Ainley Group prepared a phased implementation program for the works, which provided a priority listing of the various infrastructure projects. In order to meet the needs of development, the Town proceeded immediately with the design and construction of the more important projects. The Ainley Group was awarded the design and construction administration/observation of two in-ground reservoirs - Thornbury and Craigleith/Town of The Blue Mountains.. The Thornbury reservoir came on-line in early 2004 and the Craigleith/Blue Mountain storage facility was constructed in 2005.

Planning for the Master Plan followed the MEA Class Environmental Assessment (EA) document (Approach No. 1). The Ainley Group was subsequently retained to complete the Class EA requirements, including public and review agency consultation, for the two reservoirs, prior to final design.

Project Facts

Client: Town of The Blue Mountains

Scope of Work:

- Completion of Environmental Assessment (EA) requirements
- Completion of a Master Plan for water and wastewater servicing, which included:
 - Preparation of a phased implementation program
 - Development of population and water demand/wastewater flow projections
 - Development of existing systems capacities projections
 - Preparation of cost estimates for identified capital works projects
 - Provision of advice on trunk water distribution and wastewater collection systems extensions.
- Design and construction administration/observation of two in-ground reservoirs.

Key Design Criteria:

- Assessment of future needs of various communities within the Town
- Public and review agency consultation.

Total Estimated Infrastructure Works: \$75,000,000