

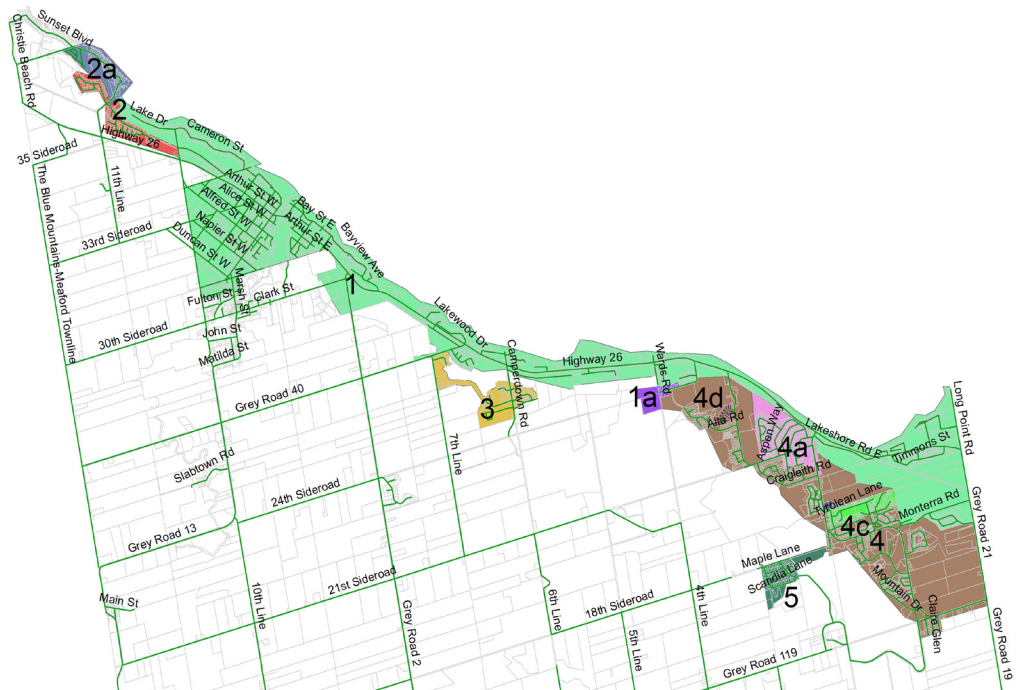
TOWN OF THE BLUE MOUNTAINS WATER DISTRIBUTION CAPITAL IMPROVEMENTS' PLANNING

Overview

The Town of the Blue Mountains has retained C3 Water to assess the Town's water distribution for a 20 year planning horizon. The project includes updating the Town's all-pipe extended period simulation water model to include 2013 demands, demand patterns and operational status. 2023 and 2033 models will also be developed for analyzing future conditions. The project also includes an evaluation of zone boundaries, water demands, storage, pumping stations and watermains throughout the Town's water system for supply of future water demands.

The Town is located on the shores of Georgian Bay and extends up the Niagara escarpment providing a long system with large elevation changes. This provides many challenges including significant variations in water pressure and potential water aging. Finding solutions that provide the Town with a safe range of operating pressures while considering the age of water and the access to water storage for peak flows and fires is imperative. The project will result in a report documenting the cost and timing of water distribution capital projects required over the next 20 years.

Figure 1. Town of the Blue Mountains Zone Boundaries Map



Delivering Value Through the Water Cycle: Source to Tap, Tap to Source™

C3 Water Inc.
 350 Woolwich St. S.
 BRESLAU, ON
 N0B 1M0
 t. 519.772.9620
www.C3Water.com