

System Name: Walters Falls Drinking Water System
Municipality: Township of Chatsworth
Drinking Water System Category: Large Municipal Residential

The Township of Chatsworth is located in the heart of Grey County. It is partially within the Grey Sauble Source Protection Area and partially within the Saugeen Valley Source Protection Area. In 2011, the population was 6,437, which was an increase of 0.7% from 2006. Essentially a rural community, the Township of Chatsworth gets its character from the farmlands and forests surrounding it. Agriculture is the most predominant industry in the Township. There are numerous sawmills in the Township, some operated by the Amish community. The main towns are Chatsworth (population 522) and Desboro (population 200). Smaller villages include Massie, Holland Centre, Berkeley, Walters Falls, and Mooresburg. One residential municipal groundwater system serves the village of Chatsworth and one residential municipal groundwater system serves the village of Walters Falls. No new drinking water systems are planned.

The community of Walters Falls is currently served by two drilled wells, identified as Well No. 1 and Well No. 2. This distribution system has approximately 45 service connections and supplies water to residences in the hamlet of Walters Falls.

According to the engineering report, the system is under the direct influence of surface water (GUDI). Both wells are categorized as GUDI systems, largely due to fluctuating water quality and episodic bacterial contamination, and the minimum treatment requirement is removal/inactivation of *Cryptosporidium*, *Giardia* and viruses using chemically assisted filtration. The Walters Falls Drinking Water System has equivalent accepted treatment, which are cartridge filtration, UV and chlorination (MOE Inspection Report 2009). Analytical results obtained from the well and from Walter's Creek at the Mill Pond were analyzed for various chemical and physical parameters and similar results were obtained, suggesting the creek is having an influence on the well water supply (MOE Inspection Report 2009).

Walters Falls

Named for John Walter, an early settler who used the water power of Walter's Creek for his mills. (Source: www.visitgrey.ca)



Walters Falls well



Walters Falls well



Walter's Falls