

System Name: Tara Drinking Water System
Municipality: Municipality of Arran-Elderslie
Drinking Water System Category: Large Municipal Residential

The Municipality of Arran-Elderslie is located in central Bruce County along its eastern boundary separating Grey and Bruce Counties. It is included in two Source Protection Areas (SPA): Grey Sauble SPA and Saugeen Valley SPA. In 2011, the population was 6810, which was an increase of 0.9% from 2006 (Census, 2011). Arran-Elderslie is located in the heart of Bruce County, close to many major tourist destinations. The Municipality contains three main towns: Chesley (population 2,015), Tara (population 1,037) and Paisley (population 1003). Smaller villages include Dobbinton, Invermay, Arkwright, and Burgoyne.

“The Sauble River winds its way through Tara offering glimpses of grassy riverbanks, overhanging trees and gentle eddies. Named after the ancient seat of Irish kings in the County of Meath, Ireland, Tara is surrounded by the rich farmland of the municipality of Arran-Elderslie. Tara was incorporated as a village in 1881, the year that the railroad arrived. In its heyday, this friendly community was the focus for a thriving agricultural countryside with its mills, potash factory, blacksmiths, creamery, cheese factory and a pottery. Located halfway between Owen Sound and Southampton, Tara is a country community well worth tarrying in for awhile.” (Source: <http://www.explorethebruce.com/tara.php>)

Water towers or “standpipes”

Tara Standpipe – operating capacity of 851m³ with a total capacity of 3,952m³. In 2012, Tara had 472 water connections for the population of 1032.

Trunk Watermain – In 2012, a total of 134,869m³ of water was provided to the Tara water distribution system. 26,911m³ was from Well #2, 38,726m³ from Well #3 and 69,232m³ from Well #4. The average daily demand for the Tara distribution system was 369m³/day.

Tara Well No.2 is located at the corner of Market and River Streets and is housed inside the pumphouse. Well No.3 is located outside the pumphouse at 217 River Street. Well No.4 and the Standpipe are located at the north end of Tara at 158 Yonge Street North.

Name of Well	Depth	Pump Rating	Aquifer
Tara #2	118.6m	4.9L/s at TDH of 161m	Guelph/Amabel limestone
Tara #3	119m	5.3L/s at TDH of 164m	Guelph/Amabel limestone
Tara #4	25.9m	9.8L/s at TDH*	Guelph limestone

*Total Dynamic Head (TDH) is the work done by the pump per unit weight, per unit volume of fluid. This figure is used on Permit to Take Water documents.



*Tara Well No. 2,
installed 1960*



*Tara Well No. 3,
installed 1978*



*Tara Well No. 4,
installed 2006*



*Tara Standpipe,
constructed 2010*