

System Name: Tiverton Drinking Water System
Municipality: The Municipality of Kincardine
Drinking Water System Category: Large Municipal Residential

The Municipality of Kincardine is located in Bruce County in the Saugeen Valley Source Protection Area. The western portion of the Municipality is bordered by Lake Huron. In 2011, the population was 11,174, which was the same as 2006. Seasonal residents add to the population during peak periods. The main towns are Kincardine (population 6725) and Tiverton (population 705). Smaller villages include Inverhuron, Millarton, Underwood, Armow, and Bervie.

There are five municipal drinking water systems in The Municipality of Kincardine, four are groundwater wells and one is a surface water intake. The groundwater well systems are: the Armow Drinking Water System, Scott Point Drinking Water System, Tiverton Drinking Water System (the Dent well and two wells at Briar Hill), and the Underwood Drinking Water System. There aren't any GUDI *wells in this group. The Great Lake intake supplies the town of Kincardine. No new drinking water systems are planned.

The Tiverton Drinking Water System serves about 800 people and has approximately 320 service connections serving residential and associated commercial and industrial establishments. The Municipality of Kincardine drilled a new bedrock well, Briar Hill Well No. 2, in August of 2006 in the village of Tiverton to address water demand and supply issues associated with the Tiverton Drinking Water System. The new well is located in the north part of Tiverton, 650m north of the main intersection and Highway 21, adjacent (~30m) to the original Briar Hill well (Briar Hill Well No. 1). It operates in conjunction with Briar Hill Well No. 1, alternating duty.

The Tiverton Drinking Water System is comprised of three bedrock wells, which are all non-GUDI. The Dent Well (Dent Well No. 2) was constructed in 2003 to a depth of 87.2m and cased to a depth of 39.6m. Briar Hill Well No. 1 was constructed in 1971 to a depth of 93.0m and cased to a depth of 47.6m, and Briar Hill Well No. 2 was constructed in 2006 to a depth of 93.0m and cased to a depth of 52.1m.

The land uses near the wells in Tiverton are residential, commercial and agricultural.

"The Municipality of Kincardine is committed to:

1. Ensuring a consistent supply of safe, high quality drinking water.
2. Maintaining and continually improving the Quality Management System.
3. At a minimum, to meet all relevant legislation and regulatory requirements.
4. Promoting owner and consumer confidence in the safety of the drinking water supply.
5. Promoting resource stewardship, including water conservation.

The Municipality of Kincardine, June 23, 2008" (Source: <http://www.kincardine.net/>)



*GUDI - Well water or groundwater under the direct influence of surface water (GUDI) refers to groundwater supply sources that are hydraulically connected to nearby surface waters, and are thus vulnerable to contamination by pathogens.



Tiverton Standpipe



Tiverton Dent Well Building



Tiverton Well Building



Tiverton Well



Tiverton Well Building