

System Name: Lakeshore Drinking Water System
Municipality: Township of Huron-Kinloss
Drinking Water System Category: Large Municipal Residential

The Township of Huron-Kinloss lies in the south-west corner of Bruce County. Lake Huron borders its entire west coast. The Township of Huron-Kinloss lies within two Source Protection Areas (SPAs), the Saugeen Valley Source Protection Area and the Maitland Valley Source Protection Area. These two SPAs also belong to different Source Protection Regions and fall under the jurisdiction of two separate Source Protection Authorities.

In 2011, the population was 6,790, which was an increase of 4.2% from 2006. The main towns are Ripley (population 600) and Lucknow (population 1,100). Smaller communities include Point Clark, Amberley, Holyrood, Pine River, Whitechurch, and Kinloss.

The Township's four municipal water supply systems are the village of Ripley, Lakeshore Area, Lucknow, and Whitechurch. The Lucknow and Whitechurch systems are part of the Maitland Valley Source Protection Area. No new drinking water systems are planned.

The Lakeshore Drinking Water System is located along the shoreline of Lake Huron and extends from the Municipality of Kincardine in the north to Point Clark in the south. This system services a population of approximately 3500. It includes six drilled bedrock wells (one not in service), four pumping stations, a ground level reservoir, and an elevated storage facility. There are three main pressure zones, one to the south and two to the north. The south zone includes Blairs Grove and Point Clark Development and the north zone includes Murdock Glen and Huronville South. The southern system is comprised of the Point Clark Development and the Blairs Grove pump houses and associated production wells. The Point Clark Development Well Nos. 1 and 2 are located at Part Lot 6, Concession Lake Range and have a depth of approximately 75 metres to bedrock. Blairs Grove Well Nos. 2 and 3 are located near the intersection of Cathcart Street and Moore Drive and have a depth of approximately 74 metres into the bedrock. Blairs Grove Well No. 3 has been converted to a monitoring well. The northern systems are comprised of the Murdock Glen and Huronville South pump houses and their respective production wells. Murdock Glen Well No. 2 is located in Part Lot 33 in Lot 51, Concession A. Murdock Glen Well No. 2 has a depth of 80.5 metres into the bedrock. Huronville South Well No. 2 is located in Part of Blocks A and Block B, Plan 3M-101 (address taken from MOE inspection report). Huronville South Well No. 2 has a depth of 93.3 metres into the bedrock and is cased to a depth of 52.1 metres. Murdock Glen Well No. 1 and Huronville South Well No. 1 have been decommissioned.

The Lakeshore wells are not considered to be GUDI* according to the Drinking Water Information System database. This is primarily due to the thick layer of fine-grained overburden (St. Joseph's Till) which protects the bedrock aquifer in this area.

*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.



Point Clark



Blairs Grove



Murdock Glen



Huronville

