



# APLG

Association des propriétaires du lac Gagnon

## Results of water analysis at Lac Gagnon (July 1<sup>st</sup>, 2013)

### Drinking water:

#### Definitions:

- **CONFORM:** Water contains no fecal coliform (E. coli) and no more than 10 total coliforms or 200 atypical bacteria.
- **NOT CONFORM:** Water contains either at least one fecal coliform (E. coli), more than 10 total coliforms, or 200 atypical bacteria. It is recommended to boil such water for 2 minutes before drinking.

### Number of samples

	Conform	Not conform	Total
<b>Artesian wells</b>	<b>4</b>	<b>0</b>	<b>4</b>
<b>Surface wells</b>	<b>4</b>	<b>1</b>	<b>5</b>
<b>Lake</b>	<b>3</b>	<b>4</b>	<b>7</b>
<b>Total</b>	<b>11</b>	<b>5</b>	<b>16</b>

**Number of coliforms**  
(Average of coliforms or bacteria by sample)

	Conform		Not-conform		
	Total coliforms	Atypical bacteria	Fecal coliforms	Total coliforms	Atypical bacteria
<b>Artesian wells</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Surface wells</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>530</b>
<b>Lake</b>	<b>7</b>	<b>94</b>	<b>0</b>	<b>52</b>	<b>142</b>
<b>Average</b>	<b>5</b>	<b>30</b>	<b>0</b>	<b>42</b>	<b>220</b>

**Highlights:**

- Two thirds of properties have water that is up to standards.
- All samples are free of fecal coliforms (E. coli).
- Only one person had a sample without any coliform or bacteria whatsoever.
- The five properties with water that do not meet standards are located in three different sectors of the Bay of Isles.
- Although the sampling is limited (16), samples that do not meet standards are mostly from people who take their drinking water directly from the lake, while relatively few coliforms or bacteria are found in water from wells.
- Results in the above tables can not really be compared to those from previous years since participants are not always the same.

[How to clean a well](#)

**Swimming Water:**

Seven people took samples of their lakefront water. In three cases, the water quality proved excellent for swimming purposes (no more than 20 E. coli). The other four samples yielded a good quality (no more than 100 E. coli). The seven samples contained an average of 27 E. coli bacteria. The APLG will take about fifty samples from all sectors of Lac Gagnon in late July 2013. The results of these tests will be published in August.

## **Tap water at the village:**

We took a sample from the tap in the pavilion located behind the Town Hall. This water comes from an artesian well. This facility is available at all times to anyone wishing to take provisions of drinking water.

Our sample contained no fecal coliform (E. coli), but it contained 12 atypical bacteria and 18 total coliforms. Atypical bacteria are within the 200 standard and therefore do not cause any problem. But 18 total coliforms exceed the standard of 10, which means that the sample contained water that is not within the standard. This does not mean that the water is not drinkable, but in such cases, it is recommended to boil the water for about two minutes before drinking it. It can be stored in the refrigerator after it has been boiled.

We informed the municipality of our result on reception. It immediately closed the pavilion. The municipality should make other water tests at this location.

[Version française](#)