



APLG

Association des propriétaires du lac Gagnon

Results of water analysis at lake Gagnon (July 4, 2010)

Drinking water:

Definitions:

- **POTABLE** : Water contains no fecal coliform and no more than 10 total coliforms or 200 atypical bacteria.
- **HORS-NORMES** ('unconform'): Water does not contain fecal coliform but contains more than 10 total coliforms or 200 atypical bacteria. Such water is drinkable but the presence of many total coliforms or atypical bacteria shows that fecal coliforms could show up in other tests.
- **NON-POTABLE** : Includes at least one fecal coliform.

Number of samples

Source	Drinkable		Non-potable	Total
	Potable	Hors-normes		
Artesian wells	11	1	1	13
Surface wells	4	4	1	9
Lake	7	2	2	11
Total	22	7	4	33

Number of coliforms
(average of coliforms or bacteria by sample)

Source	Potable		Hors-normes		Non-potable		
	Total coliforms	Atypical bacteria	Total coliforms	Atypical bacteria	Fecal coliforms	Total coliforms	Atypical bacteria
Artesian wells	1	3	31	91	4	32	0
Srface wells	0	18	41	0	TNI	TNI	TNI
Lake	1	10	31	0	TNI	TNI	TNI
Average	1	8	36	15	TNI	TNI	TNI

Explanation:

By definition there is no fecal coliform in the potable and 'hors-normes' samples. Therefore averages for these two categories refer only to total coliforms and atypical bacteria.

TNI = Too many to be identified.

Highlights:

- Only 4 out of 33 properties have non-drinkable water.
- 80% of people taking their water directly from the lake get drinkable water.
- Contrary to previous years, not all samples of non-drinkable water are from participants taking their water directly from the lake. This year, there is also one from an artesian well and one from a surface well.
- 13 out of 22 persons having potable water have no coliform whatsoever in their sampling.
- There is not one part of the lake that has significantly different results.
- Results in the above tables can not really be compared to the [2006 results](#) or [2008 results](#) since only 7 out of 33 samples are from property owners who participated in previous analysis.
- If we compare the results of these 7 participants, 5 are from participants who always have perfect results, whitout any coliform, one participant has better results while another has worse results.

[How to clean a well](#)

Swimming Water (12 samples submitted by 10 persons) :

- The number of fecal coliforms per sample ranges from 0 to 41, with an average of 9 fecal coliforms per sample.
- 4 samples were free of any coliform.
- There were no sample from the eastern part of the lake.

When performing its annual quality test of swimming water, in early August, the APLG will take samples from all parts of Lac Gagnon.

[Version française](#)