



APLG

Association des propriétaires du lac Gagnon

Results of drinking water analysis at lake Gagnon (June 29, 2008)

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	Potable	Hors-normes	Non-potable	Total
Artesian wells	9	0	0	9
Surface wells	6	2	0	8
Lake	4	2	3	9
Total	19	4	3	26

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

Source	Potable	Hors-normes		Non-potable		
	Total coliforms	Total coliforms	Atypical bacteria	Fecal coliforms	Total coliforms	Atypical bacteria
Artesian wells	2	0	0	0	0	0
Surface wells	2	36	120	0	0	0
Lake	2	6	238	13	213	269
Average	2	21	179	13	213	269

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.

Highlights:

- Only 3 out of 26 properties have non-drinkable water.
- Two thirds of people taking their water directly from the lake get drinkable water.
- All samples of non-drinkable water are from participants taking their water directly from the lake.
- All those with artesian wells have drinkable water (potable).
- All those with surface wells have drinkable water.
- 12 out of 19 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](#) since only 10 out of 26 samples are from property owners who participated in both analysis.
- If we compare the results of these 10 participants, 2006 vs. 2008, 4 persons have better results in 2008, 2 have worse results, and 4 still have virtually perfect drinking water, on the whole reflecting a certain improvement.

[How to clean a well](#)