**Supporting information**

**S1 Table. Characterisation of zooplankton biota in the lake water matrix sampled at Missisquoi Bay (QC).**

|  |  |  |  |
| --- | --- | --- | --- |
| Zooplankton groups | | Population density\* | Dominant taxa (≥10 ind.L-1) |
| Metazooplankton | Cladocerans | 67 | *Chydoridea spp, Bosmina longirostris, Ceriodaphnia sp* |
|  | Rotifers | 202 | *Polyarthra sp, Keratella cochlearis* |
|  | Copepods | 55 | Nauplii |
| Protozooplankton | HNF | 868 | Not determined |

HNF, heterotrophic nanoflagellates

\* expressed in ind.L-1 and ind.mL-1 for metazooplankton and protozooplankton, respectively.