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## WATER QUALITY OF THE PRAGUE'S STREAMS. PART 2: TRIBUTARIES TO THE ŠEBERÁK POND AND TO THE HOSTIVAŘ RESERVOIR

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The possibility of a recreational use of some of the Prague reservoirs is limited mainly by the quality of the tributaries. The article follows the previous one and sums up the results of the water quality monitoring in selected profiles of the tributaries of the Šeberák pond (the Vestecký and the Kunratický streams) and of the Hostivař dam (the Botič and the Pitkovický streams) during 2018. The monitoring was focused on main nutrients (phosphorus, nitrogen) in the tributaries, chlorophyll-a concentrations and qualitative composition of phytoplankton and zooplankton in the reservoirs of the river basin. The amount of nutrients in the tributary limits primarily the recreational use of the Šeberák pond (mainly because of the Vestecký stream) – in years 2017 and 2018 the swimming in the pond was forbidden due to the excessive content of the blue-green algae in the course of the recreational season. The Botič stream brings less but also significant amount of nutrients into the Hostivař reservoir (worsened water quality for swimming was recorded during most of the 2017–2018 recreational season). The Milíčovský stream, which flows into the upper part of the Hostivař reservoir, is the main source of phytoplankton.