

WATER QUALITY OF THE PRAGUE'S STREAMS. PART 1: MOTOLSKÝ AND LITOVICKÝ STREAMS

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Results of water quality observation in the selected profiles on the Motolský and Litovický streams during the year 2018 are presented. Monitoring of water quality parameters was focused mainly on the nutrients content (nitrogen and phosphorus), chlorophyll-a concentrations and on the phytoplankton and zooplankton species composition. Data obtained show a worse state of water quality in the Litovický stream from both nutrient concentrations and phytoplankton biomass overgrowth, when compared to the Motolský stream. Water quality of the Litovický stream is mainly influenced by a nutrients input from agricultural land, municipal sewage and by water discharge from sewage treatment plants in its catchment.