Hydro-chemical profile of the chosen water quality indicators in upper part of Zagoźdżonka river, Poland

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Hydro-chemical profile is a presentation of the chengability of water quality indicators along the river, based on field measurements. Usually, it is made as a chart of particular water quality indicator with the average low flow at the vertical axis and length of the river at the horizontal axis. Additionally, every important source of pollution like cites and tributaries are put on the chart. Such graphic presentation helps to identify the hot spots along the river. Base on two years of investigation at 10 cross-section, the hydro-chemical profiles of phosphorus and nitrogen forms has been drawn. The seasonal and spatial changeability of nutrients has been recognized and the hot spot of nutrient pollution has been determined.