

Data on the Ecological Status of the Kamchia River as Assessed by Invertebrate Communities Parameters

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Abstract: The species content of macrozoobenthos was defined within the watershed of the Kamchia River. Water categorization was made in accordance with Regulation No 7 (STATE GAZETTE 96/1986) on indices and standards for water quality assessment of the surface running waters. The results achieved were compared for the individual saprobiological and cenotic indices, as well as for the hydrochemical metrics.

The results of this study point out that the hydrochemical and saprobiological metrics are identical to a considerable extent. Part of the studied sites were found not to comply with their foreseen projected water quality category (PWC), and one site is not within the category.

Substantial improvement of the majority of water metrics is expected after the construction of water treatment facilities of the big industrial centres. **Key words:** invertebrate community parameters, diversity and saprobiological indices, river ecological status assessment, water quality, projected water category

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