

Penilaian kualitas sungai cibareno cibeber bayah banten berdasarkan indeks biotik = The quality assessment of cibareno river cibeber bayah banten according to biotic index

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Abstrak

Penelitian bertujuan untuk menilai kualitas Sungai Cibareno di Banten, Jawa Barat. Penelitian dilakukan dengan menyatakan hasil identifikasi makrozoobentos sebagai bioindikator yang diambil dari 9 stasiun penelitian di Sungai Cibareno. Analisis makrozoobentos dalam rangka pemantauan kualitas Sungai Cibareno menggunakan Biological Monitoring Working Party - Average Score per Taxon (BMWP - ASPT) pada tingkat famili atau kelompok makrozoobentos berdasarkan toleransinya terhadap cemaran. Hasil penelitian menunjukkan bahwa bagian hulu, tengah, dan hilir sungai Cibareno berturut - turut memiliki nilai ASPT sebesar 5,3, 5,5 dan 4,8. Secara keseluruhan Sungai Cibareno memiliki nilai ASPT 5,2 dan termasuk dalam tingkat pencemaran ringan.

.....The main objective of this study was to assess the quality of Cibareno River in Banten, West Java. The research was conducted by explain the result of identification of macrozoobenthos as the indicator which taken form 9 research stations in Cibareno River. The analysis of macrozoobenthos in order to monitor the quality of Cibareno River is using Biological Monitoring Working Party - Average Score per Taxon (BMWP - ASPT) on the family level or groups of macrozoobenthos based on the tolerance of the organism against pollutant. The result showed that the head, the middle and the downstream of Cibareno River has the ASPT score about 5,3, 5,5 and 4,8. The entire score of Cibareno River is 5,2 and it means that the pollutant level is low.