

SELF-PURIFICATION OF WATER COURSE

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ABSTRACT

Water is a find natural and indispensable to man and other living organisms' survival. Knowing the natural mechanisms can change positively, in a planned and coordinated, the quality of water that has been altered by human actions. Thus the water' autodepuration, may be one of the strategies used in helping design and management of water treatment plants. This strategy to be efficient it is necessary the knowledge of their ecological, involving the water phases , before and after the release of sewage (urban, rural, industrial, among others). Associated with the determining the kinetics of oxygenation and deoxygenation of waterways, chemical, physical and biochemistry of the water. The integration of this accumulated knowledge through history, contributes for the process of water resource management can occur in a conscious and sustainable.

PALAVRA-CHAVE: purification, Water Quality, Water pollution