

THE RISING WATER TABLE DUE TO THE DISCHARGE OF WASTE WATER AND DRAINED FOR A LARGE NATURAL LAGOON (OUARGLA, EL OUED) ALGERIA

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Abstract:

The lagoon is a natural method for treating wastewater. The operating principle is "copied" from nature which constantly produces the phenomenon of recycling dead organic matter (leaves, animal dung etc..) by bacteria. The waters pass successively through a series of basins where different agencies are involved to eliminate the pollution load. Before entering the first pond, it is necessary to pre-treatment to rid wastewater pollution voluminous. In the first pool, bacteria involved in degrading organic waste and turning them into salt minerals and gas. For example, if the rising water in the region of Ouargla and El Oued, or the problem is enormous, the discharge of sewage and drainage water (Irrigation water in excess of palm groves). On the other hand, is the creation of a large open lagoon, development of a micro climate where migratory birds stop over in this area rich in micro-algae. That is why a discussion is interesting to detail the advantages and disadvantages

Keywords: lagoon ; pollution ; micro-climate ; performance.