
CONSTRUCTED WETLANDS CLOGGING

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Clogging is a quite natural process, but it is an undesirable phenomenon in artificial wetlands used for treatment and tertiary treatment of wastewaters. Due to this, it is necessary, during proposal preparation and operation of artificial wetlands, to keep the principles that might significantly restrict the rise and progress of clogging. Sufficient adjustment and right operation of mechanical pre-treatment, suitable selection of filter fill of constructed wetland, organic and hydraulic loading, conditions of operation and another ones, belong to the principles mentioned. In the case, clogging comes in and its extent influences efficiency of treatment or amount of treated wastewater it is necessary to exchange or regenerate filter fill of constructed wetland.

The paper summarizes experiences with in-situ application of bacteria-enzymatic agent in the clogging constructed wetland.