

Abstract

METHOD FOR BIOLOGICALLY TREATING ORGANIC WASTEWATER

Provided is a method for biologically treating organic wastewater, in which a biological treatment can be performed in a consistent manner since the dispersed bacteria are adequately preyed upon in the second biological treatment tank. A method for biologically treating organic wastewater, the method comprising passing organic wastewater through an aerobic first biological treatment tank in order to generate dispersed bacteria by using bacteria and subsequently introducing first biologically treated water from the first biological treatment tank, the first biologically treated water containing the dispersed bacteria, into an aerobic second biological treatment tank containing a fluidized-bed carrier so that animalcules prey upon the dispersed bacteria, wherein an overall BOD volumetric loading rate is $5 \text{ kg/m}^3/\text{d}$ or less, and wherein a rate at which a load of SS derived from the dispersed bacteria contained in the first biologically treated water is placed on the carrier contained in the second biological treatment tank is $8 \text{ kg-SS/m}^3\text{-carrier/d}$ or less.

Figure 2