

ABSTRACT

Operational cost of a water treatment control system is reduced by reduction in energy cost needed for aeration, and by reducing or preventing growth of nitrifying bacteria adhered to and/or deposited on a surface and inside pores of a separation membrane. A water treatment control system includes an aerobic tank (2) in which aerobic treatment is carried out, an aerobic tank aeration device (3) that aerates to-be-treated water in the aerobic tank (2), a membrane filtration tank (4) including a separation membrane (5) that filters the to-be-treated water treated in the aerobic tank (2), a membrane filtration tank measurement instrument (9) that measures the ammonia concentration of the to-be-treated water in the membrane filtration tank (4), as a membrane filtration tank ammonia concentration measurement value, and an aerobic tank aeration air volume calculation device (10) that sets the aerobic tank aeration air volume of the aerobic tank aeration device (3) on the basis of the membrane filtration tank ammonia concentration measurement value.