

## SETTLING TANK AND METHOD OF OPERATING THE SAME

### ABSTRACT

Provided are a settling tank in which treated water has good quality and whose operation is stable over a long period, and a method of operating the settling tank. A settling tank 1 includes a tank body 2 having a circular-cylindrical shape whose axial direction corresponds to the vertical direction, a distributor 10 provided in a lower part (near the bottom) of the tank body 2, an outlet 3 provided in a middle part or a part slightly above the middle part of a side face of the tank body 2, a receiving tank 4 communicating with the tank body 2 via the outlet 3, a stirring device 5 provided in the tank body 2, a trough 6 for extracting treated water provided in an upper part of the tank body 2, a sludge discharge port 7 via which concentrated sludge is extracted from a lower part of the receiving tank 4, and so forth. A stirring member 5c is provided below the distributor 10.

FIGURE 1