

ABSTRACT

A water treatment method of an embodiment includes: a first step of adding a water-insoluble calcium-containing inorganic substance to wastewater in a reaction tank to
5 convert fluoride ions contained in the wastewater into calcium fluoride; and a second step of enabling solid-liquid separation of the wastewater containing the calcium fluoride in a solid-liquid separation tank, and removing the calcium fluoride from the wastewater to obtain first treated water. The method further includes: a third step of adding a pH regulator to the first treated water in a pH regulating tank to regulate a pH of the first treated water to an acidic
10 region; and a fourth step of passing the first treated water through a container filled with aminopolyol-based chelate resins, and adsorbing and removing the tetrafluoroborate ions from the first treated water to obtain second treated water.