

ABSTRACT

A complex desalination system (100A) includes a seawater desalination treatment system (3) that filters a seawater (D) using a seawater reverse osmosis membrane device (38), and a
5 wastewater treatment system (1) that filters a wastewater (A) having a lower salinity concentration than the seawater (D) using a low-pressure reverse osmosis membrane device (16). In the seawater desalination treatment system (3), fine bubbles are generated in and released from a fine bubble generation part
10 (19) into an intake tank (32) in which the seawater (D) taken in is stored, by decompressing a nonpermeate water (C) discharged from the low-pressure reverse osmosis membrane device (16) in the wastewater treatment system (1).