

[Document Name] Abstract

To provide a technique capable of facilitating water quality sensor calibration and drainage operations for improving water quality even when water quality monitoring devices and drainage devices are installed in places where operation is difficult, such as inside manholes.

In a case of a deviation between a manual analysis value obtained at a water quality monitoring device (water quality sensor) installation site and the water quality measurement value (e.g., residual chlorine concentration) measured by the water quality monitoring device, a calibration value obtained based on the manual analysis value is stored in a cloud database via a communication terminal (communication unit) and network, and the water quality monitoring device downloads (acquires) this calibration value, and calibrates the water quality sensor based on the calibration value. Additionally, water quality can be improved by remotely managing drainage operations and controlling the start and stop of drainage operations according to the water quality.