



Sludge removed from the sedimentation basin will be recycled or disposed of after treatment processes such as dewatering and incineration. Recently, sludge has been recycled and used as resource and energy such as fuel for generating electricity as it goes through a gasification process and fertilizers as it is fermented.

First sedimentation basin

To lighten the load of the latter stage of the treatment facility, removes solid materials that is relatively likely to sink.

Responding tank

Turns it into a state which makes dissolved organisms sink easily with the function of microorganisms as the activated sludge and air is blended with the responding tank.

Final sedimentation basin / Disinfection equipment

The compound liquid of activated sludge and sewage water will be separated into sediments and supernatant solution at the final sedimentation basin. After the supernatant solution is disinfected, it will be discharged into the rivers and ocean. Part of the sediments will be returned to the responding tank and be used as activated sludge and the remains will be sent to the sludge treatment facility.