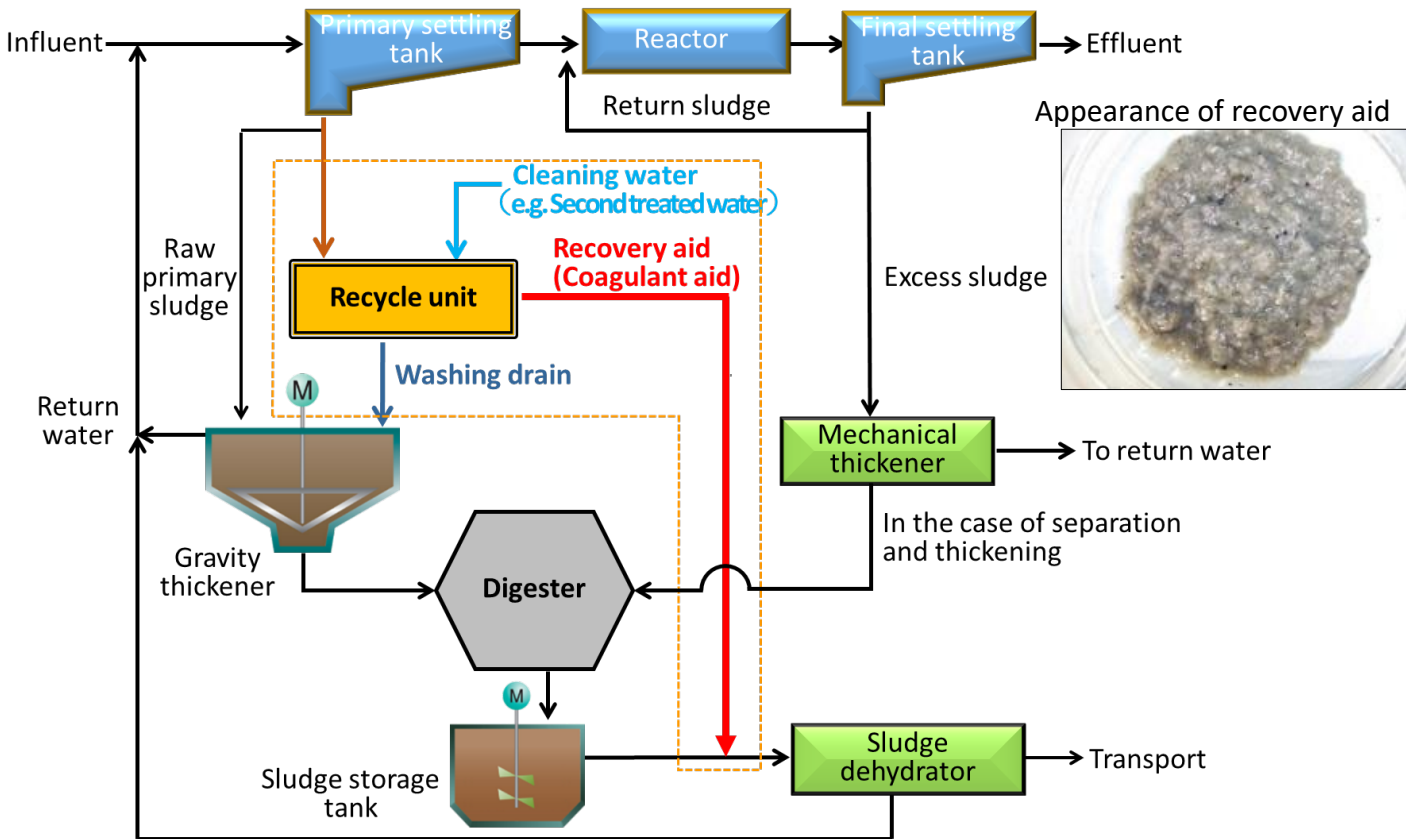


Sewage-derived Fiber Utilization System

Developers: ISHIGAKI COMPANY, LTD.

Captured/added sewage-derived fiber that primary sludge includes improves dewatering performance. The system reduces the water content of sludge, chemical injection rate, load to the subsequent process facilities, and costs.



Scope of application: **WWTP with a primary settling tank** : Scope of application

Especially, benefit WWTPs that need to reduce disposal costs for hard-to-dewater anaerobic digested sludge or mixed sludge with significant property changes

Needs

- Improve dewatering performance even for hard-to-dewater sludge
- Achieve dewatering treatment with no expensive coagulants

Benefits

- Cost reduction for subsequent sludge treatment and disposal
- Chemical cost reduction by reducing injection rate of polymer coagulant or change to inexpensive chemicals