

Reclaimed Water Supply Service

Water resource optimization by applying CORR™ system



1. Keywords

- Reclaimed Water Supply Service
- Water resource optimization
- CORR™ System
- CSR activities
- Reduce initial invest
- Save water cost
- Reduce tap water and waste water

2. Background

- Reduction of water consumption that affects water and sewerage charges is an important management issue.
- Efforts related to water, which is a CSR activity of the entire customer group, “3% reduction in water consumption per unit”

3. Objectives

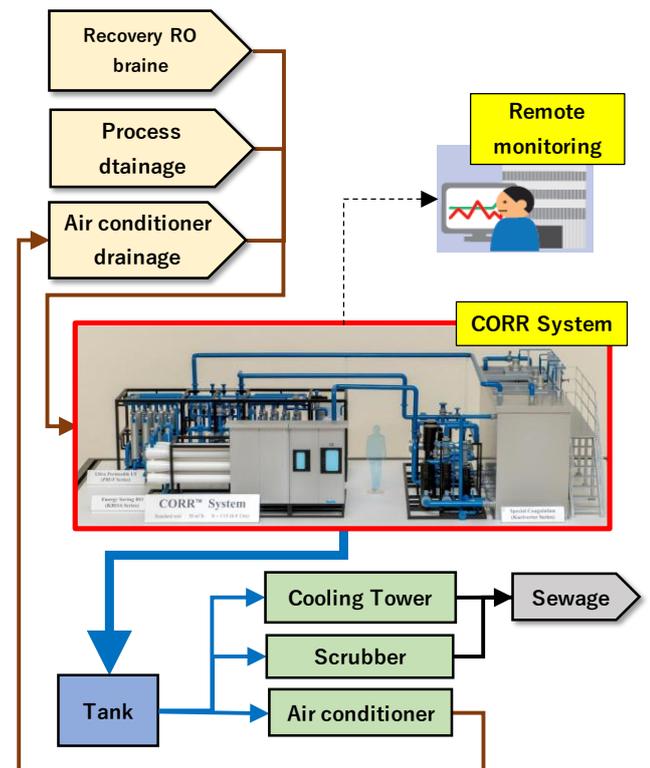
- Reduction of water consumption and water and sewage costs through wastewater recycling
- Reduce initial invest
- Stable equipment operation by remote monitoring

4. Action/Approach

- (1) Understand the water balance of the entire factory, and propose water resource optimization for the factory through reclaimed water supply services.
- (2) Use recovered water as replenishment water for cooling towers, air conditioners, and scrubbers.

- (3) Realization of labor saving for customers through integrated management of wastewater recovery equipment and cooling water treatment.

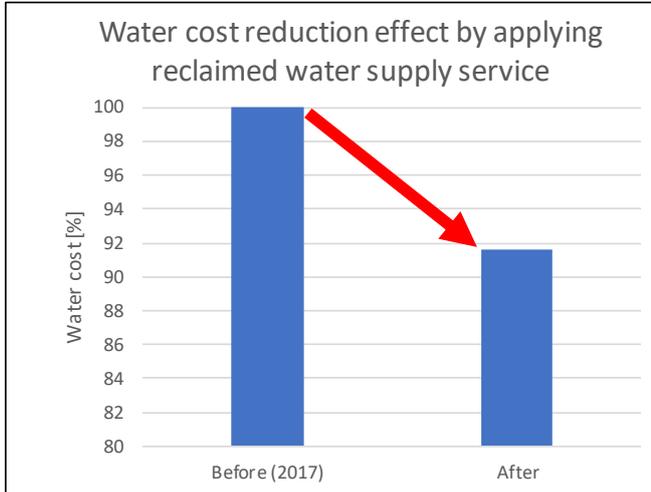
5. System description



6. Achievements

- (1) Effects of applying reclaimed water supply Service:
- Tap water 40% reduction
 - Sewage 30% reduction
 - Reduced water costs by 8.4% annually

- (2) No initial cost required for installation as Kurita's assets. Easy budget management with basic and pay-as-you-use pricing.
- (3) Contributes to a 1.5% reduction against the target 3% reduction in water consumption per unit of customer group.



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Revision Date: 01.12.2019