

Boxed lunch plant wastewater treatment



- Wastewater type : Boxed lunch plant wastewater
- Volume : 220m³/day
- Model : Aquablaster system AL-750

Problem

Treatment was carried out with a pressurized flotation system, but it proved ineffective and resulted in payment of fines to the municipality as well as trouble with foul odors and sludge and complaints from neighbors.

Challenges

The customer wanted to reduce fine payments and eliminate putrid odors.

Solutions

Seven 40-ton precast concrete tanks were buried and treatment carried out with Aquablaster.

Effects

The treatment successfully achieved the goal of bringing wastewater within the sewer discharge limit. The problem of unpleasant odor generation was solved as well.

Treatment results (Unit: mg/l)

B O D : 2,500 → 400 or less
S S : 1,000 → 400 or less
N-hex : 350 → 40 or less