



alpha bio

WASTEWATER INNOVATION

WWTP of Detmold - Germany

The WWTP of Detmold with a wastewater flowrate of 20,000 – 25,000 m³/d came in touch with Alpha-bio aiming to reduce the excess sludge that was produced in the plant. After the implementation of bio-augmentation in the plant, a 25% reduction in the excess sludge was observed.

Except from that, the fats, oil and grease were almost eliminated, cleaning the influent pump station and also influencing positively the sludge settling ability (SVI = 60 ml/g) and furthermore the sludge de-waterability (less lime needed)

