

# Yuzhnaya WTP, St. Petersburg, Russia



fig.: decanter plant



fig.: sludge pump unit



fig.: solids discharge

system: 3 x decanter Z5E-4/454 HTS  
dewatering of drinking water sludge  
capacity: each 25-40 m<sup>3</sup>/h  
dry solid content inlet: 0,5-3 %  
dry solid content discharge: 27-29 %  
centrate: 20-60 mg/l



fig.: polymer dosing unit