

MEASURING SLUDGE SETTLEABILITY IN SSTs

Sludge settleability parameters

The batch settling curve and hindered settling velocity

V_{ns} -X relation

Recommendations for performing batch settling tests

MEASURING FLOCCULATION STATE OF ACTIVATED SLUDGE

DSS/FSS test

Recommendations

Advances in the measurement of the flocculation state

MEASURING THE SETTLING BEHAVIOUR OF GRANULAR SLUDGE

Goal and application

Equipment

Density measurements

Granular biomass size determination

Calculating the settling velocity of granules

Recommendations

MEASURING SETTLING VELOCITY DISTRIBUTION IN PSTs

Introduction

General principle

Sampling and sample preservation

Equipment

Analytical protocol

Calculations and result presentation