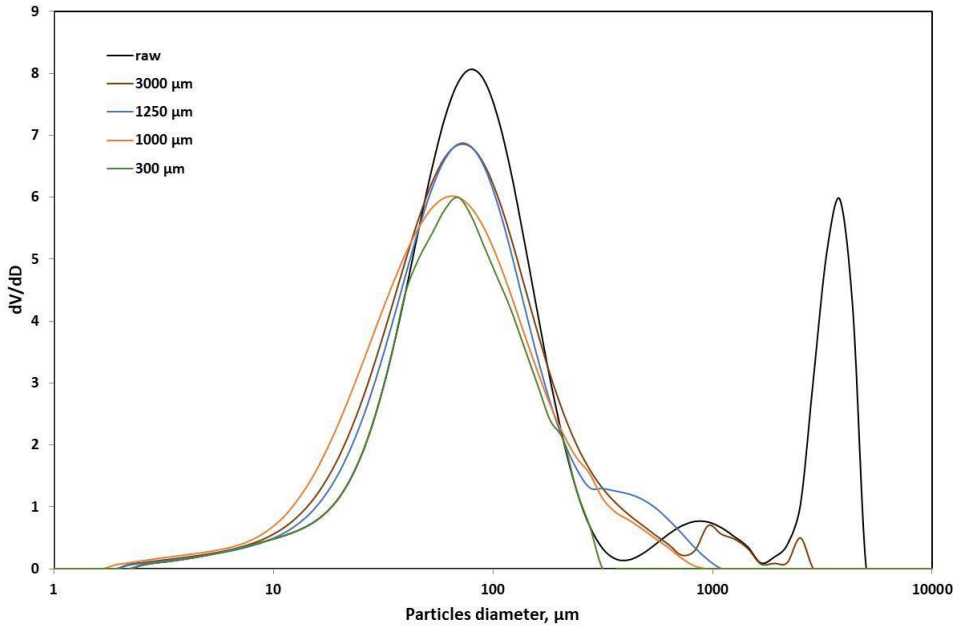


Figure S1. Particle size distribution in aqueous samples collected downstream the various screens.

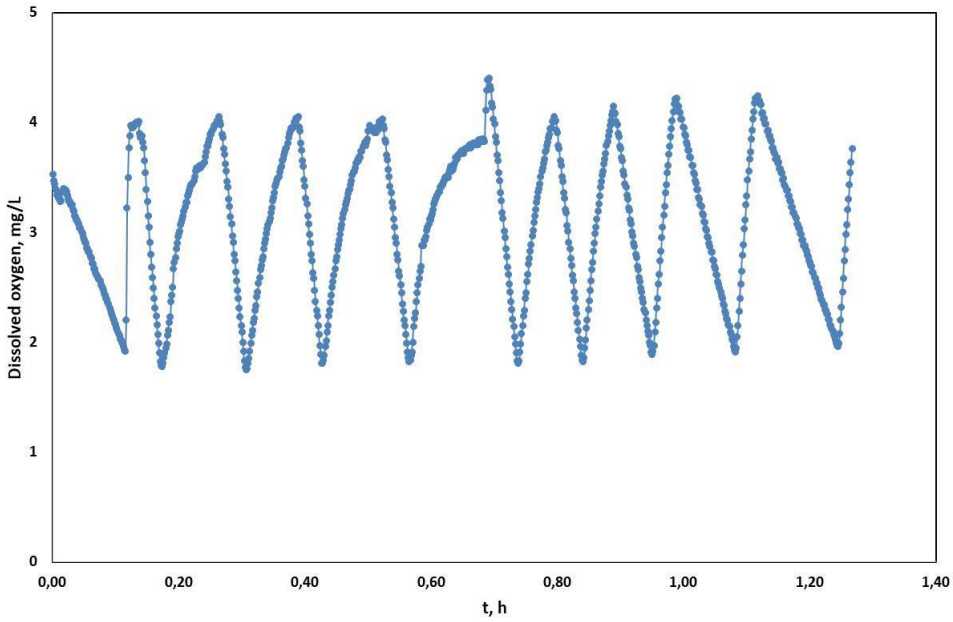


Figure S2. Plot of dissolved oxygen concentration as a function time in an oxygen uptake rate measurement of aqueous sample eluted from 3000 μm sieve size. The first line corresponds to the endogenous respiration of activated sludge inoculum, followed by the addition of 150 mL of sample and the start up of the oxygen respiration run.