Supplementary Materials

(**A**)

(**B**)

Figure S1. Morphology of the aerobic granules in R1 and R2 during the long-term operation period. (**A**) in R1; (**B**) in R2.

Figure S2. SS in the effluent from R1 and R2.

Figure S3. Ammonia, nitrite, and nitrate in the effluent from R1 and R2.