

Supplementary material

Optimising the flux enhancer dosing strategy in a pilot-scale anaerobic membrane bioreactor by mathematical modelling

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Simulink model S1: Simulink® implementation of control tools for flux enhancer dosing to the pilot AnMBR

The Simulink® file *SimulationEnvironment.slx* contains the implementation of the control tools and integrated model described in Section 3.5. The simulation uses the parameter values in *Parameters.mat* and the initial conditions in *InitialConditions.mat*.

To run the simulation, open the file *SimulationEnvironment.slx* in Simulink®. Select the control tool using the manual switches. Select the simulation time, in seconds, and press *Run*.