Supplementary material

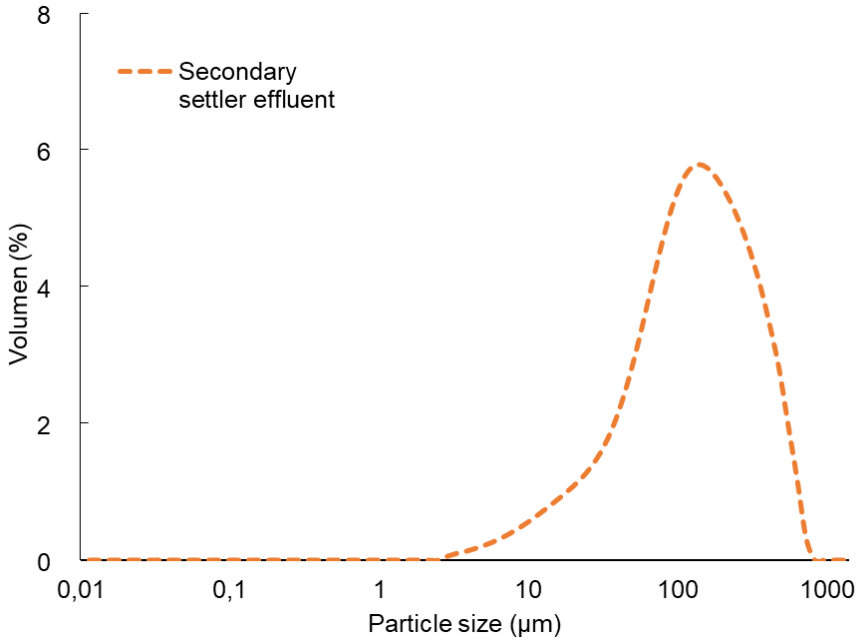

Figure S1. Particle size distribution of the influent fed to the membrane tank (supernatant of the secondary settler)

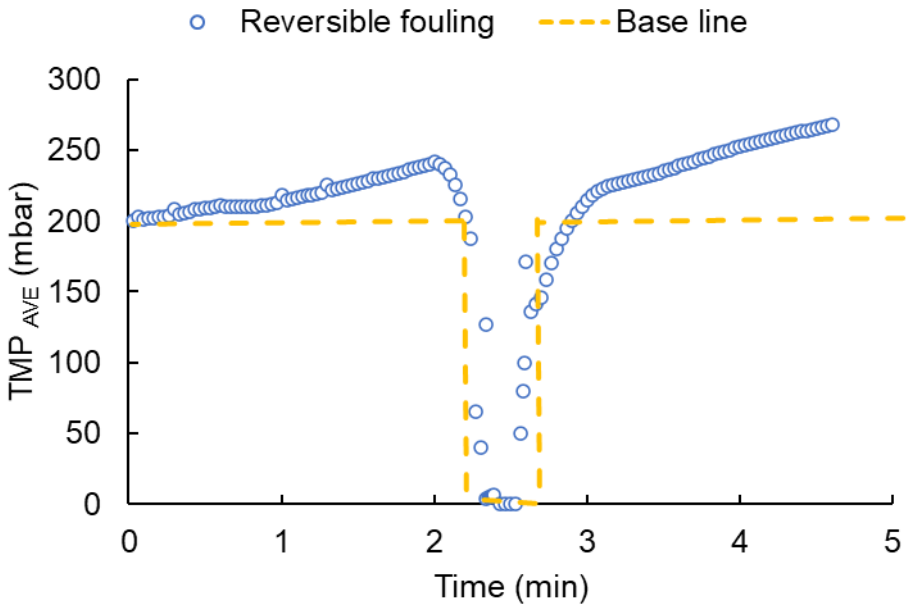

Figure S2**.** Example of the reversible fouling evolution during each filtration cycle. Dots represent the obtained experimental data during two F:R cycles while the dotted line represents the fouling base line at the start of each corresponding cycle.

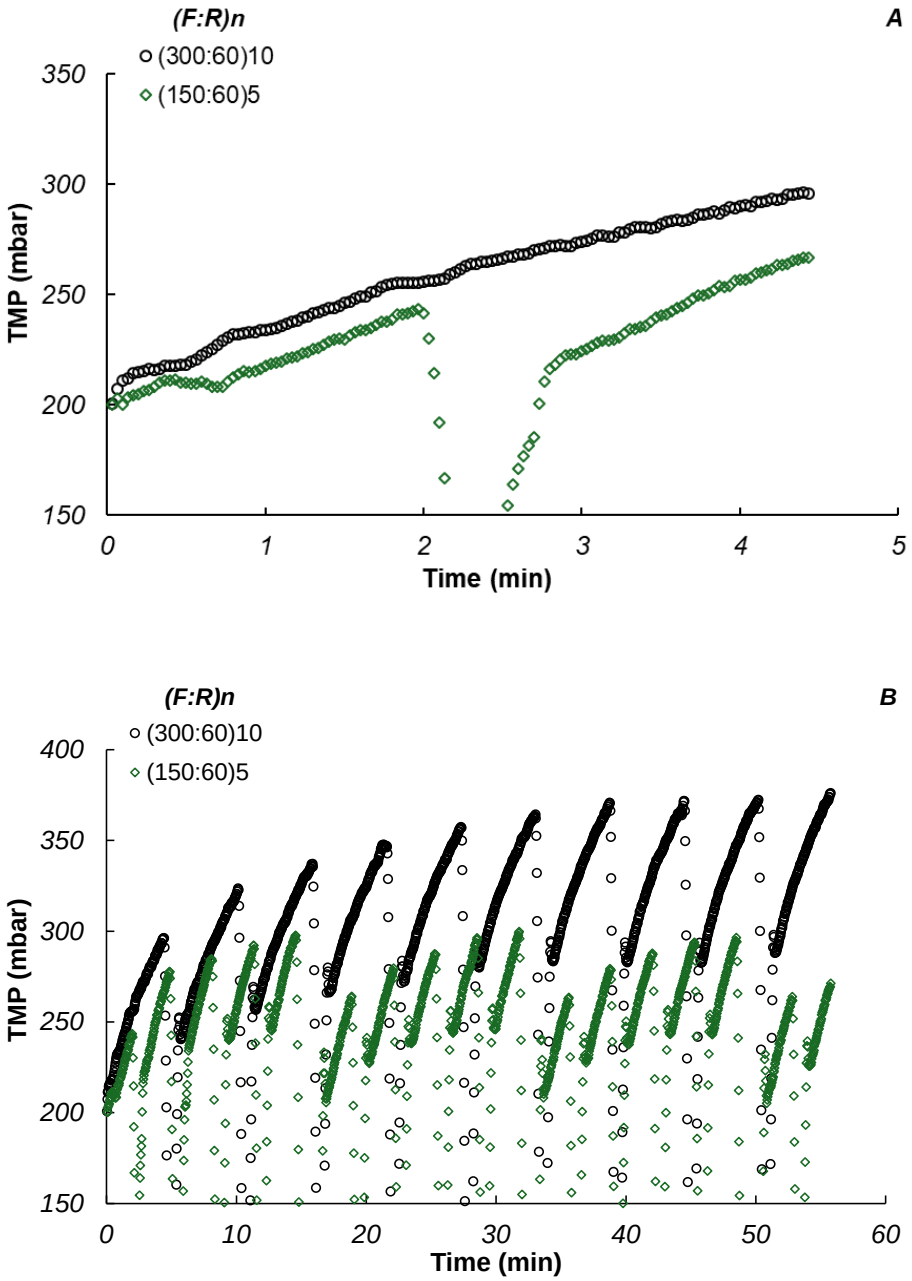

Figure S3**.** Evolution of the TMP membrane when reducing the filtration time lap and backwashing periodicities: (A) TMP evolution in the middle-term and (B) TMP evolution in one unique filtration cycle. Note that in (B) all data were obtained after backwashing, when the membrane presented a similar fouling state.

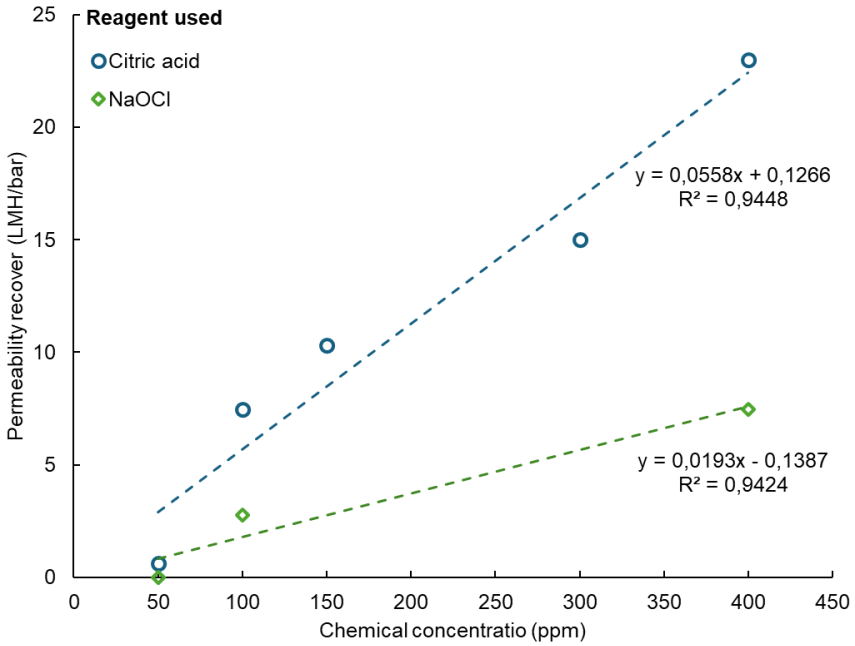

Figure S4. Comparison between acid chemicals used for CEBs

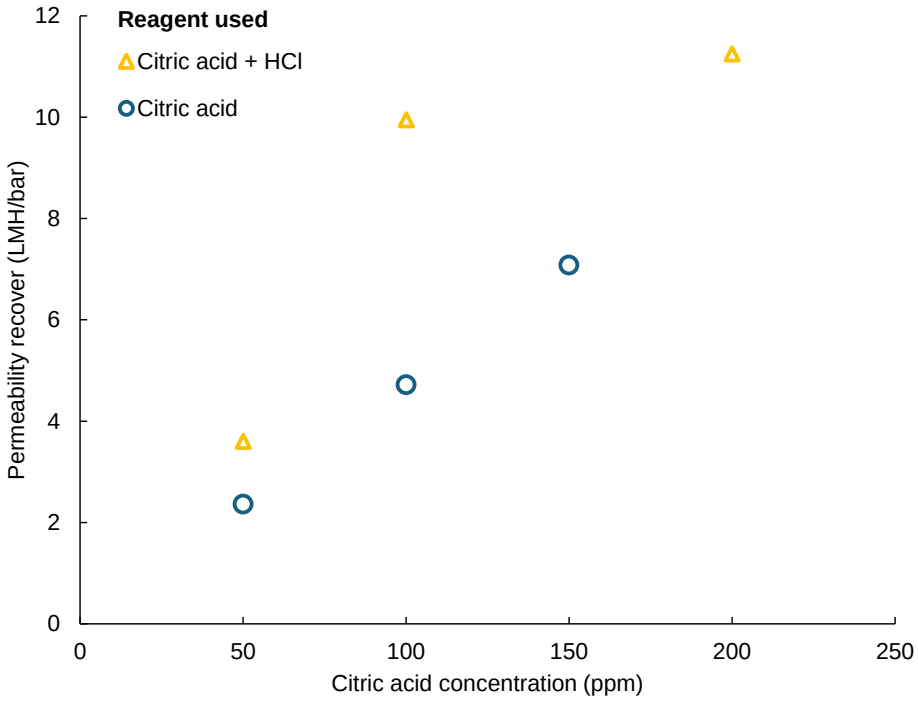

Figure S5. Effect of adding HCl to reduce the pH during the membrane permeability recovery experiments.