

Supplementary Information

Air bubbling for membrane fouling control in submerged direct forward osmosis system for municipal wastewater treatment

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Supplementary Information: 4 pages, 3 figure.

List of Table and Figures:

Page 2 **Fig. S1.** The main quality of raw municipal wastewater used each day.

Page 3 **Fig. S2.** Flux decline from day 1 to day 15 in the submerged direct FO_{N.A.} and FO_{A.} systems.

Page 4 **Fig. S3.** EDS analysis of the fouled surface of FO membrane without (a) and with (b) air bubbling conditions in feed solution.

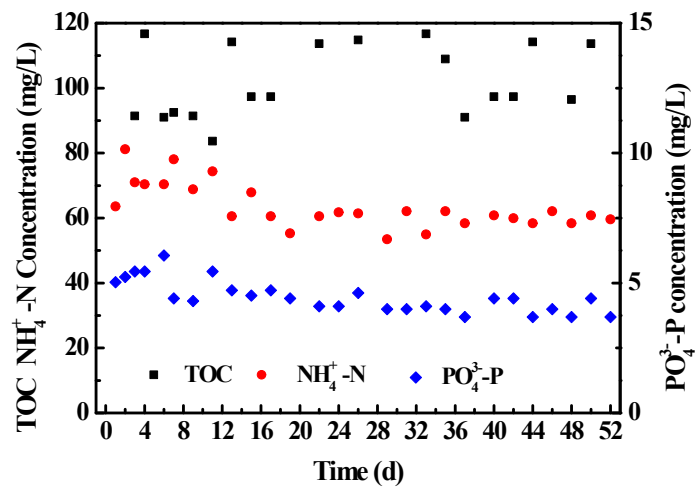


Fig.S1. The main quality of raw municipal wastewater used each day.

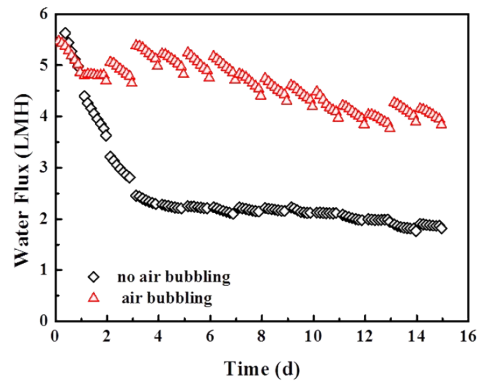


Fig. S2. Flux decline from day 1 to day 15 in the submerged direct FO_{N.A.} and FO_{A.} systems.

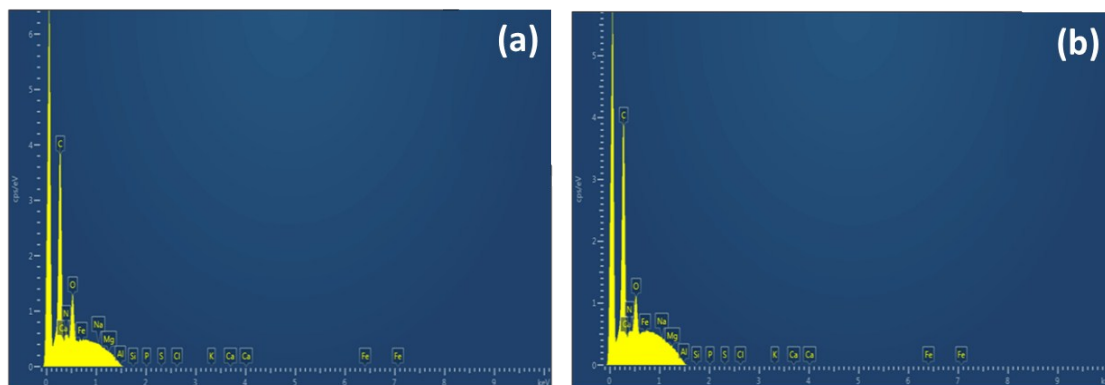


Fig.S3. EDS analysis of the fouled surface of FO membrane without (a) and with (b) air bubbling conditions in feed solution.