

Supplementary Information

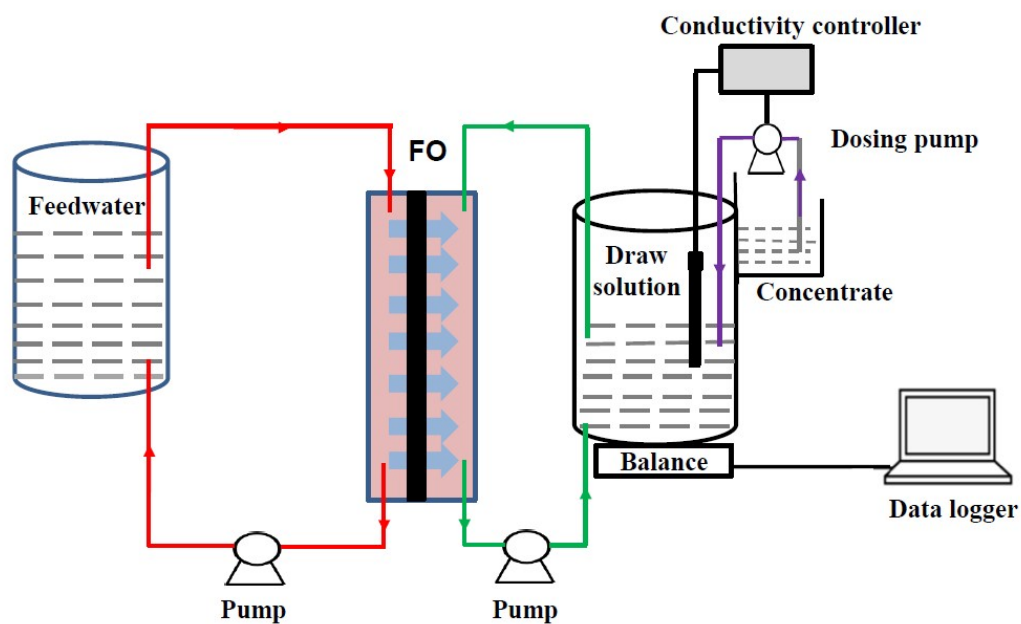


Figure S1: A schematic diagram of the lab-scale FO system

Table S1: Properties of the TFC membrane (Zheng et al., 2018)

Properties	Value
Pore radius (nm)	0.37 ± 0.04
Water permeability coefficient (L/m ² h.bar)	3.2 ± 0.22
Salt (NaCl) permeability coefficient (L/m ² h)	0.41 ± 0.01
Membrane structure parameter (mm)	0.46 ± 0.05
Zeta potential (mV)	-16.2
Contact angle (active layer) (°)	49.5 ± 3.4

Zheng, L., Price, W.E., Nghiem, L.D. 2018. Effects of fouling on separation performance by forward osmosis: the role of specific organic foulants. *Environmental Science and Pollution Research*, 1-12.

Table S2: Concentration of phosphorus, calcium, magnesium, silicon, and aluminum after FO treatment

<i>Constituent</i>	<i>Concentration (mg/L)</i>
<i>Phosphate</i>	<i>224.8</i>
<i>Calcium</i>	<i>84.6</i>
<i>Magnesium</i>	<i>14.2</i>
<i>Silicon</i>	<i>24.6</i>
<i>Aluminium</i>	<i>18.4</i>