Supplementary Materials: Strategies for Reducing the Start-up Operation of Microbial Electrochemical Treatments of Urban Wastewater

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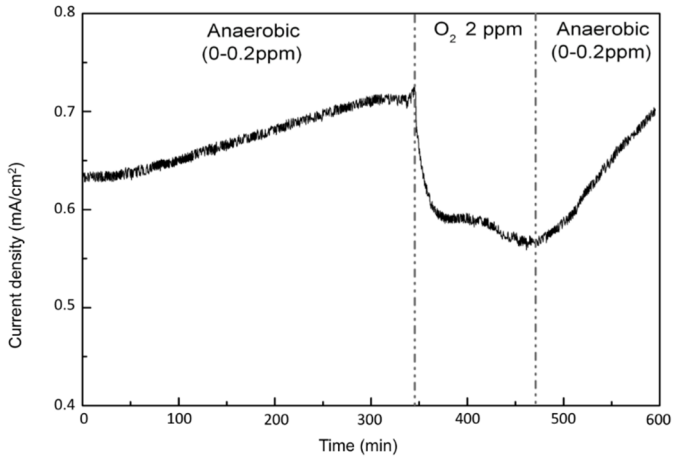

Figure S1. Electric current measured in microbial electrolysis cell (MEC) operation mode (anode at 0.0 V *vs.* reference electrode Ag/AgCl 3.5 M) under different oxygen levels.

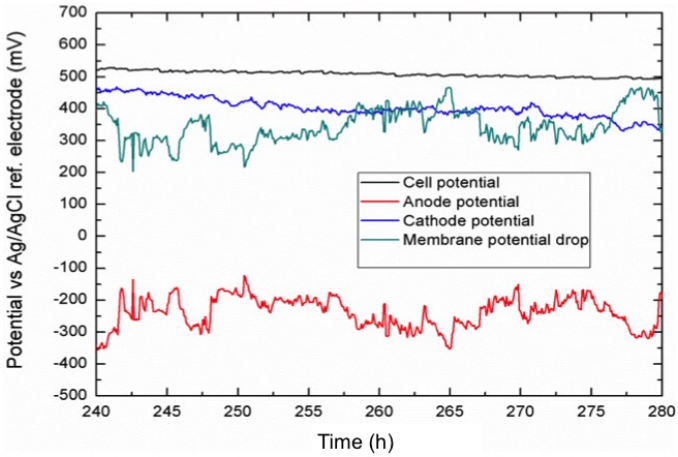

Figure S2. Anode, cathode, cell potential and membrane potential drop for the microbial fuel cell operation mode. Anolyte 20 mM actetae + freshwater medium (FWM). Catholyte FeCl3 0.2 M pH = 1 (HCl). External resistor: 2.1 Ω. Flow rate: 6 $L \cdot h^{-1}$. Bath operation mode.

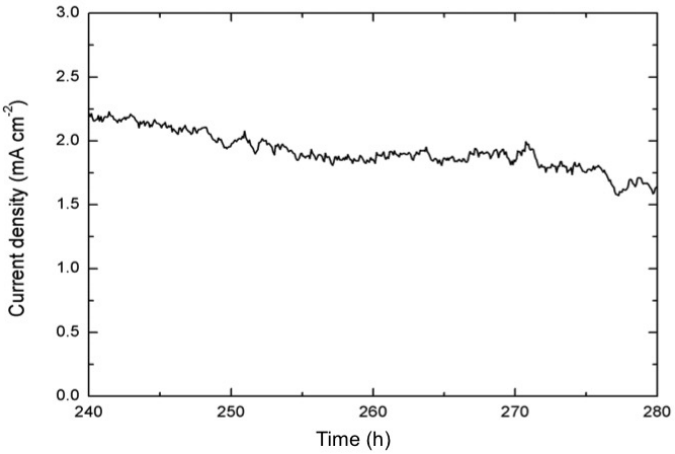

Figure S3. Current density during the microbial fuel cell (MFC) operation mode.

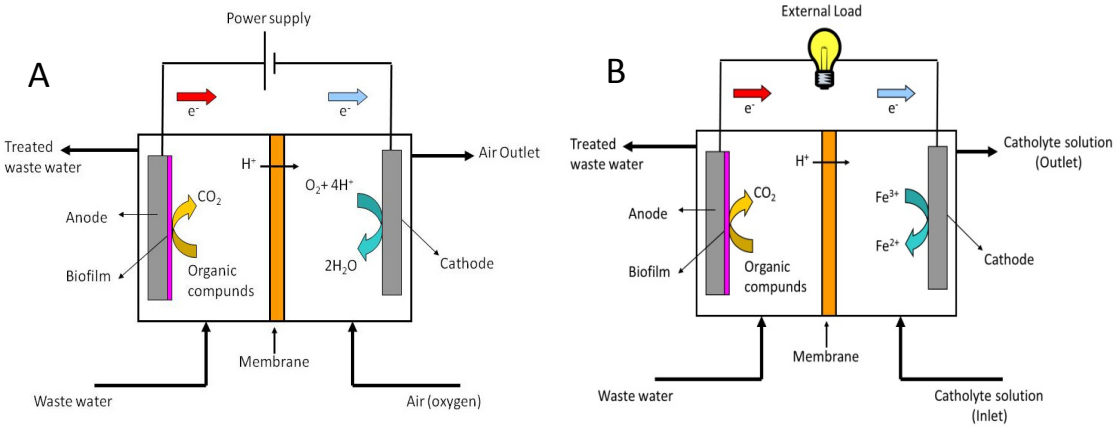

Figure S4. Diagram of the MEC (**A**) and MFC (**B**) configuration.

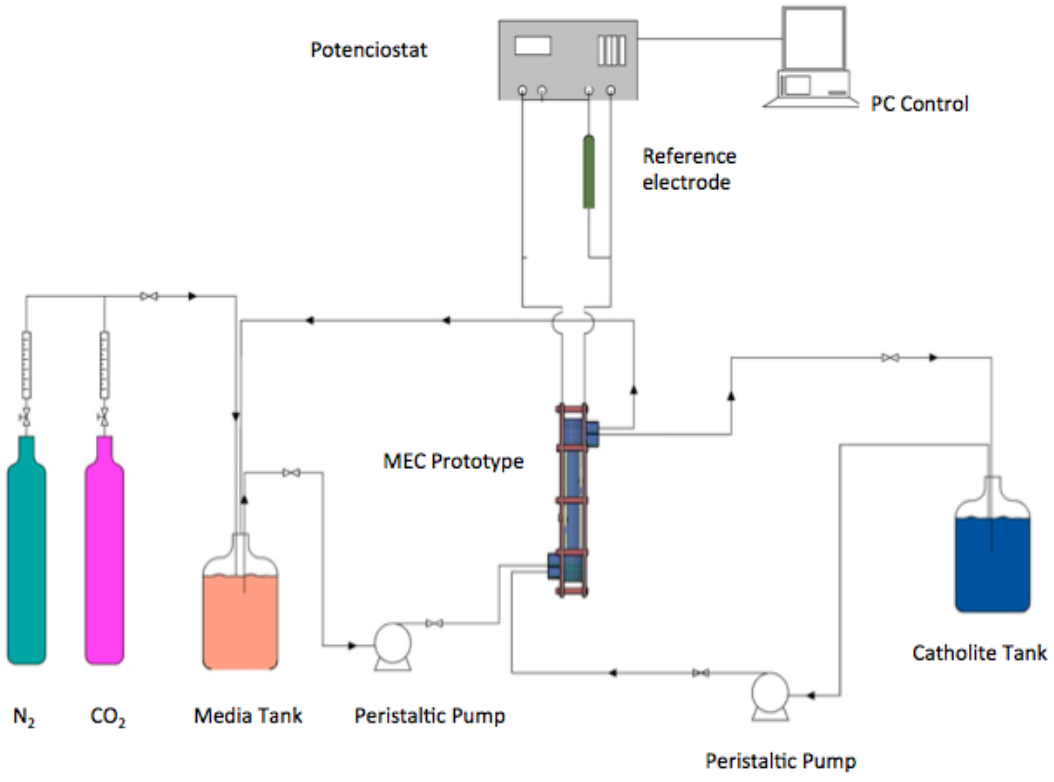

Figure S5. Flow diagram of the experimental bioelectrochemical system (BES).