

Supplementary Material

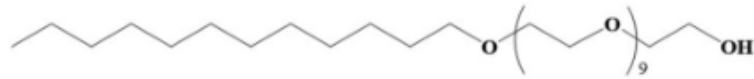


Fig. S1 The structure of the used AE in this study

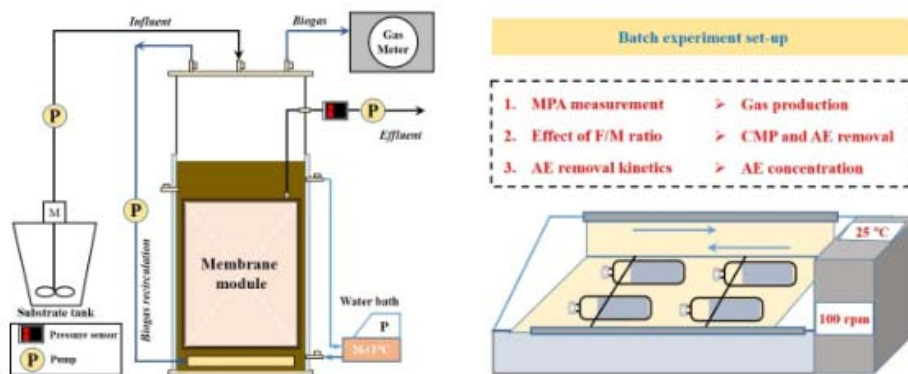


Fig. S2 Schematic diagram of used anaerobic membrane bioreactor and batch experimental assays

Table S1 Characteristics of the used low-strength wastewater

	mg/L		mg/L		mg/L
Peptone	56.8	NaCl	10	CH ₃ COONa	220
Yeast Extract	56.8	MgCl ₂ ·6H ₂ O	10	Urea	88.2
Glucose	220	KH ₂ PO ₄	14.6	NaHCO ₃	100
Beef Extract	64.6	KCl	10		

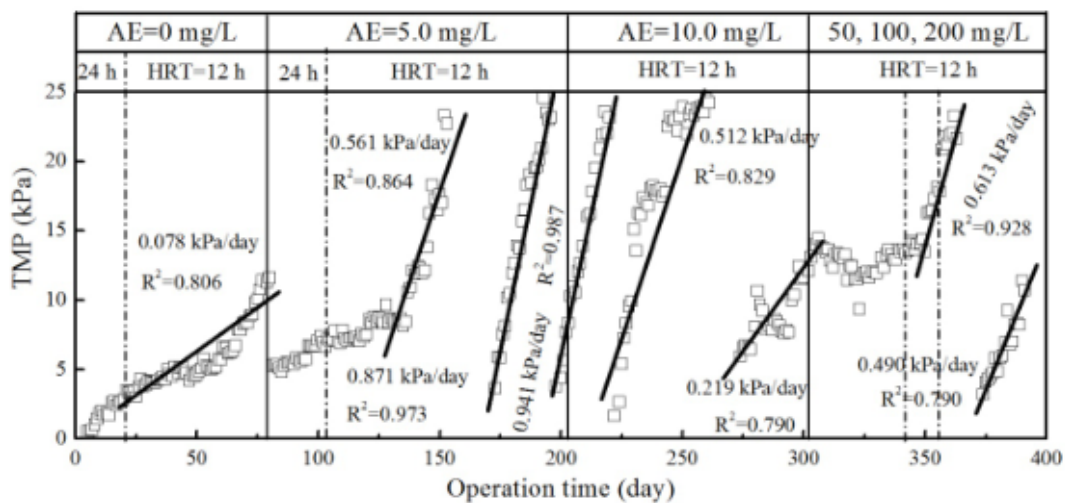


Fig. S3 The TMP changes during the operation with different AE concentration

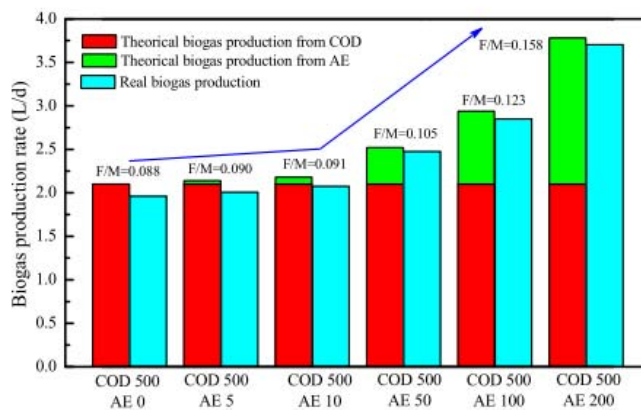


Fig. S4 Comparison of the methane production at different AE dosage with the theoretical values in AnMBR

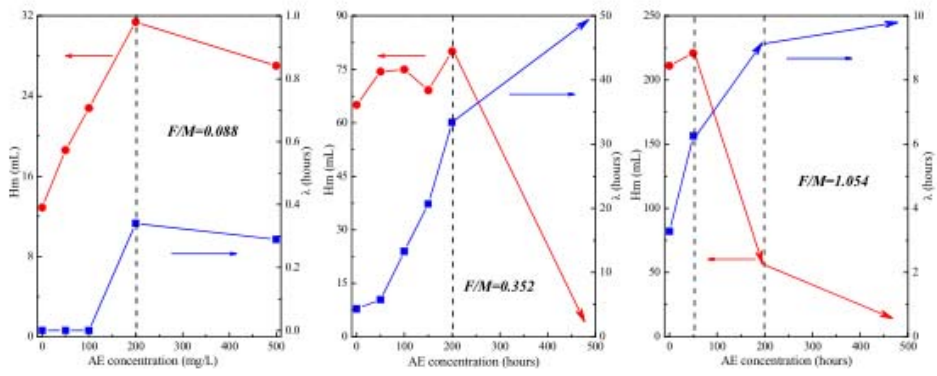


Fig. S5 Pearson's correlation between Hm, λ , F/M ratio and AE dosages used