

Supplementary Materials

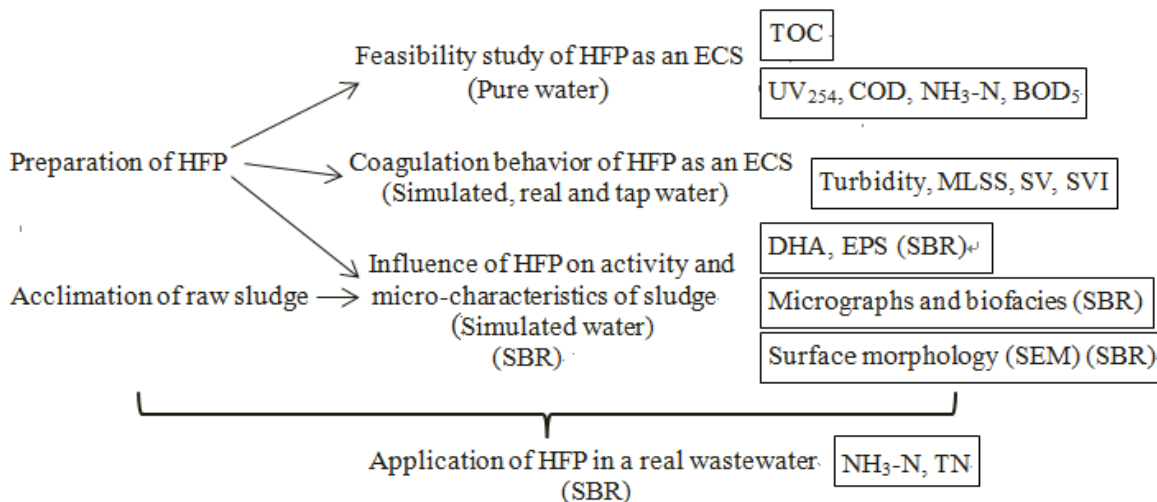


Fig. S1. Experimental setup.

Table S1. Comparison of sludge amount generated by HFP as an ECS between the simulated water and real wastewater (as MLSS)

Relative indicators	Aeration 5 min		Aeration 180 min	
	Simulated water	Real wastewater	Simulated water	Real wastewater
Initial sludge (mg/L)	1014	1014	1014	1014
Pollutants in water samples (mg/L)	52	65	114	138
Sludge increment by microorganisms (mg/L)	0	0	62	73
Total sludge increment by coagulation and microorganisms (mg/L)	71	107	137	184
Sludge increment by coagulation (mg/L)	71	107	75	111