

Supplementary Data

Integration of aerobic granulation and UV/H₂O₂ processes in a continuous flow system for the degradation of sulfolane in contaminated waters



Fig. S1. Accumulation of biomass at the bottom of sedimentation tank

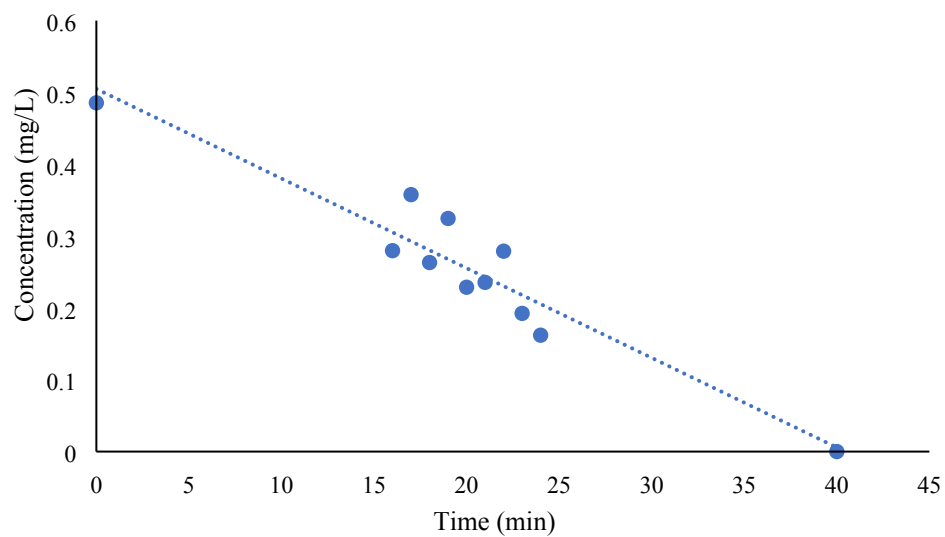


Fig S2. Aerobic granulation batch reactor sulfolane degradation kinetics

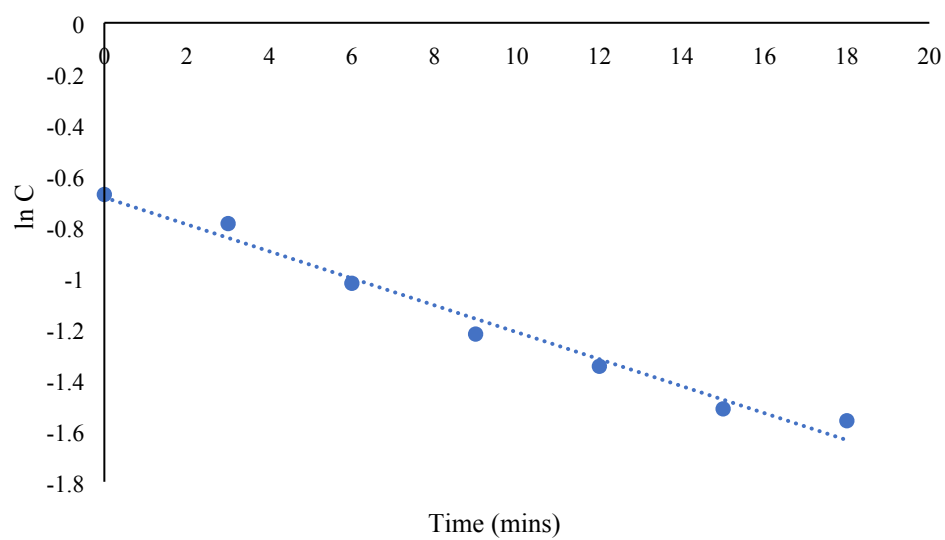


Fig S3. AOP batch reactor sulfolane degradation kinetics

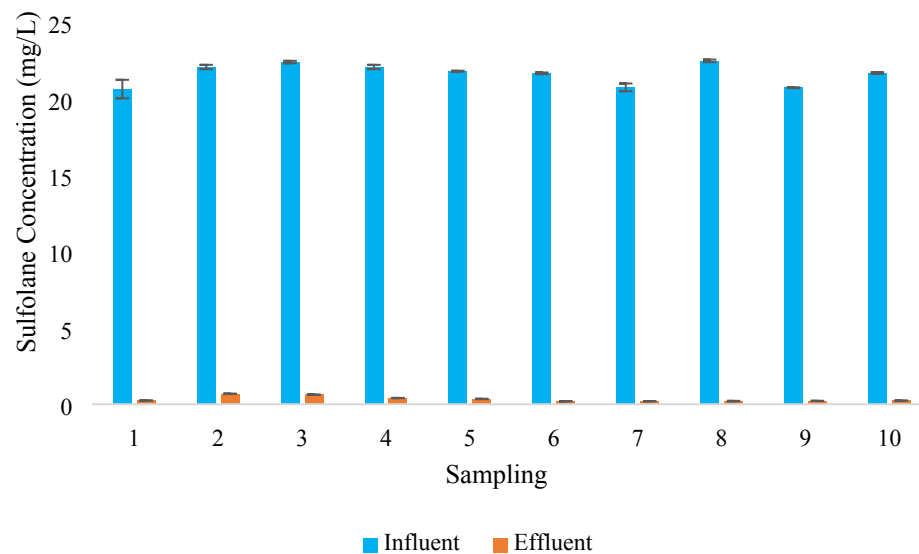


Fig S4. Aerobic granulation continuous flow reactor sulfolane degradation kinetics

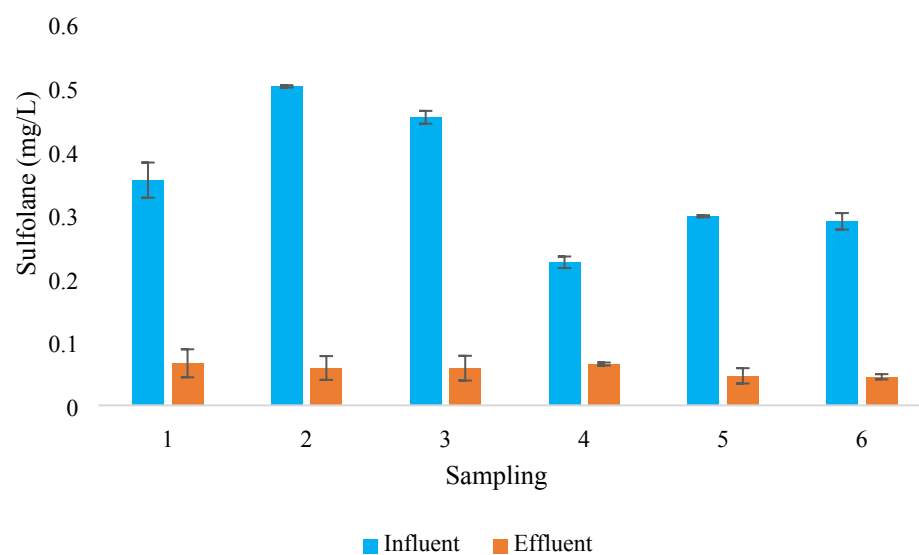


Fig S5. AOP continuous flow reactor sulfolane degradation kinetics

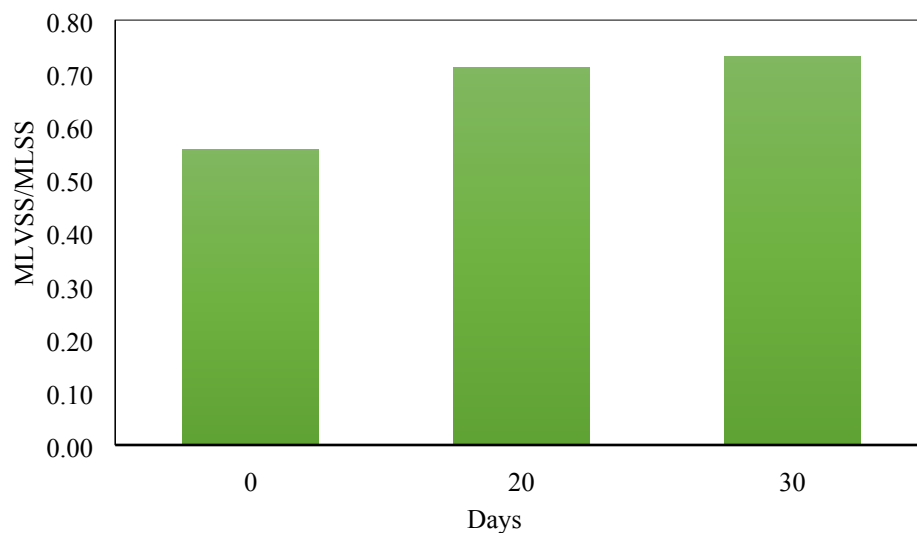


Fig S6. MLVSS/MLSS ratio in the aerobic granular reactor

Table S1. Consumption of H_2O_2 concentration in biotreated water without exposure to UV/ H_2O_2

Biotreated Water (%)	H_2O_2 Theoretical (mg/L)	H_2O_2 Observed (mg/L) (Time: 0)	H_2O_2 Observed (mg/L) (Time: 24 h)
100	100	65.55	2.48
100	50	37.43	0.95
100	25	18.11	0
100	10	7.02	0
100	0	0	0
100	100	73.39	3.1
50	100	80.66	11.66
25	100	90.84	50.58
10	100	96.73	89.89
0	100	98.21	98.21