

Supplementary materials

Table S1: System Performance after the start-up for both scenarios.

Day	Scenario 1					Scenario 2				
	TSS	BOD	COD	NH ₄	NO ₃	TSS	BOD	COD	NH ₄	NO ₃
13	5	8	15	0.7	6	6	4	26	0.2	5
14	6	7	16	0.8	5	6	4	25	0.3	6
15	5	9	15	0.6	4	7	5	27	0.3	4
16	5	8	16	0.7	6	7	4	28	0.2	5
17	6	6	13	0.8	6	6	4	25	0.3	5
18	8	8	16	0.6	5	7	6	25	0.2	5
19	5	5	15	0.5	4	8	5	26	0.3	4
20	4	8	18	0.6	5	5	4	24	0.2	5
21	7	9	16	0.7	3	3	4	26	0.3	3
22	8	8	15	0.6	4	6	9	26	0.2	3
23	6	6	14	0.4	5	5	7	22	0.3	9
24	5	9	16	0.8	6	6	6	25	0.3	5
25	4	8	15	0.7	6	5	7	21	0.2	5
26	5	9	15	0.7	6	4	5	23	0.3	3
27	5	6	14	0.7	5	3	3	24	0.2	5
28	6	8	15	0.5	6	5	4	27	0.3	7
29	5	5	14	0.7	5	6	6	24	0.2	8
30	7	9	15	0.8	6	6	5	25	0.3	6
31	5	7	15	0.9	4	5	4	28	0.2	5
32	8	8	16	0.7	5	4	3	24	0.3	6
33	5	6	15	0.7	5	7	4	20	0.2	5
34	6	8	14	0.6	6	7	5	25	0.3	4
35	5	7	15	0.7	4	5	6	26	0.2	3
36	5	8	14	0.6	6	6	6	26	0.3	6
37	6	6	15	0.5	5	4	5	22	0.2	5
38	5	8	13	0.7	6	6	4	28	0.3	4
39	5	8	15	0.6	5	6	6	26	0.2	4
40	7	5	12	0.7	6	5	5	21	0.3	5
41	5	8	15	0.8	5	6	4	24	0.3	6
42	5	6	14	0.8	6	4	4	28	0.2	5
43	5	8	15	0.7	6	6	4	23	0.3	5