

Table S1. Particle counts monitoring throughout the experiments E5 to E12.

Experiment	Part. Counts (x10 ³ / mL) RW				Part. Counts/mL FW23				Log removal FW23				Part. Counts/mL FWF				Log removal FWF			
	2-7 µm	8-15 µm	20-70 µm	TPC	2-7 µm	8-15 µm	20-70 µm	TPC	2-7 µm	8-15 µm	20-70 µm	TCP	2-7 µm	8-15 µm	20-70 µm	TCP	2-7 µm	8-15 µm	20-70 µm	TCP
E5	2.75	0.39	0.18	3.32	33.2	3.8	2.6	39.6	1.92	2.01	1.84	1.92	97.0	3.3	2.1	102.4	1.45	2.07	1.93	1.51
E6	1.99	0.21	0.11	2.31	212	32.0	4.8	248.8	0.97	0.81	1.36	0.97	101	2.8	1.4	105.2	1.29	1.88	1.90	1.34
E7	1.97	0.16	0.08	2.21	287	13.0	4.8	304.8	0.84	1.09	1.22	0.86	135	6.2	2.3	143.5	1.16	1.41	1.54	1.19
E8	1.60	0.12	0.05	1.77	78.8	6.6	1.5	86.9	1.31	1.26	1.52	1.31	86.7	12.1	2.3	101.1	1.27	1.00	1.34	1.24
E9	1.81	0.14	0.50	1.45	358	17.9	5.2	371.1	0.70	0.89	1.98	0.59	90.0	60.0	120.0	270.0	1.30	0.37	0.62	0.73
Av.									1.14	1.21	1.58	1.13					1.29	1.34	1.47	1.20
E10	1.91	1.33	0.75	3.99	817	84.2	27.3	928.5	0.37	1.20	1.44	0.63	433	90.7	55.9	579.6	0.64	1.17	1.13	0.84
E11	1.72	1.23	0.99	3.94	3308	93.9	37.3	3439	-0.28	1.12	1.42	0.06	347	27.3	12.6	386.9	0.70	1.65	1.90	1.00
E12	1.40	1.13	1.24	3.77	334	25.2	12.1	371.3	0.62	1.65	2.01	1.00	225	26.2	11.6	262.8	0.79	1.63	2.02	1.16
Av.									0.24	1.32	1.62	0.56					0.71	1.48	1.68	1.00

RW—Raw water; FW23—Filtered water during ripening; FWS—Filtered water during stable operation period; Av.—Average log removals for both groups of filtration experiments—with low-turbidity and high turbidity raw water.