

Table 4. Testing results.

Run number	Time (min)	Initial virus count	Sonicated (1 or 0)	Organic carbon (mg/L)	Alkalinity (mg/L)	Ozone residual (mg/L)	Final experimental virus count	Network output
1	0.5	1.2×10^8	0	0	0	1.241	126	246
	1.0	1.2×10^8	0	0	0	1.372	19	76
	1.5	1.2×10^8	0	0	0	1.405	0	76
	2.0	1.2×10^8	0	0	0	1.477	0	56
2	0.5	3.0×10^7	0	0	0	0.793	400	7659
	1.0	3.0×10^7	0	0	0	0.783	400	2995
	1.5	3.0×10^7	0	0	0	0.718	186	1241
	2.0	3.0×10^7	0	0	0	0.691	126	355
3	0.166	3.2×10^9	0	3.95	46.38	0.1718	21400000	29394914
	0.333	3.2×10^9	0	3.95	46.38	0.1718	21400000	25189831
	0.500	3.2×10^9	0	3.95	46.38	0.1718	21400000	17851204
	0.666	3.2×10^9	0	3.95	46.38	0.1718	10000000	10324630
	0.833	3.2×10^9	0	3.95	46.38	0.1718	10000000	4778985
	1.000	3.2×10^9	0	3.95	46.38	0.1718	21400	1851804
	1.333	3.2×10^9	0	3.95	46.38	0.1718	46500	191193
	1.666	3.2×10^9	0	3.95	46.38	0.1718	21400	18906
	2.000	3.2×10^9	0	3.95	46.38	0.1718	681	2748
4	0.5	1.7×10^8	0	0	0	1.014	712	1388
	1.0	1.7×10^8	0	0	0	0.972	21	1106
	1.5	1.7×10^8	0	0	0	1.036	40	420
	2.0	1.7×10^8	0	0	0	0.957	19	201
5	0.5	1.9×10^8	0	0	0	0.377	1260	96022
	1.0	1.9×10^8	0	0	0	0.396	1260	15644
	1.5	1.9×10^8	0	0	0	0.4	8560	2515
	2.0	1.9×10^8	0	0	0	0.47	19	492
6	0.166	2.7×10^8	1	0	0	0.2006	109	128
	0.333	2.7×10^8	1	0	0	0.2006	224	201
	0.500	2.7×10^8	1	0	0	0.2006	202	297
	0.666	2.7×10^8	1	0	0	0.2006	207	420
	0.833	2.7×10^8	1	0	0	0.2006	169	572
	1.000	2.7×10^8	1	0	0	0.2006	0	758
7	0.166	1.8×10^9	0	3.5	76.49	0.9725	16600	112238
	0.333	1.8×10^9	0	3.5	76.49	0.9725	563	64419
	0.500	1.8×10^9	0	3.5	76.49	0.9725	165	33836
	0.666	1.8×10^9	0	3.5	76.49	0.9725	3940	16420
	0.833	1.8×10^9	0	3.5	76.49	0.9725	100	8145
	1.000	1.8×10^9	0	3.5	76.49	0.9725	171	4131
	1.333	1.8×10^9	0	3.5	76.49	0.9725	68	1106
	1.666	1.8×10^9	0	3.5	76.49	0.9725	178	355
	2.000	1.8×10^9	0	3.5	76.49	0.9725	46	162
8	0.166	1.0×10^9	0	3.95	221.35	0.5674	5060000	5393441
	0.333	1.0×10^9	0	3.95	221.35	0.5674	2140000	3114055
	0.500	1.0×10^9	0	3.95	221.35	0.5674	1460000	1523257
	0.666	1.0×10^9	0	3.95	221.35	0.5674	147000	648135

Table 4. Testing results. (Cont'd)

<i>Run number</i>	<i>Time (min)</i>	<i>Initial virus count</i>	<i>Sonicated (1 or 0)</i>	<i>Organic carbon (mg/L)</i>	<i>Alkalinity (mg/L)</i>	<i>Ozone residual (mg/L)</i>	<i>Final experimental virus count</i>	<i>Network output</i>
	0.833	1.0×10^9	0	3.95	221.35	0.5674	332	253804
	1.000	1.0×10^9	0	3.95	221.35	0.5674	5550	90985
	1.333	1.0×10^9	0	3.95	221.35	0.5674	316	12123
	1.666	1.0×10^9	0	3.95	221.35	0.5674	687	1896
	2.000	1.0×10^9	0	3.95	221.35	0.5674	214	492
9	0.5	1.3×10^9	0	0	0	1.932	0	3
	1.0	1.3×10^9	0	0	0	2.19	21	0
	1.5	1.3×10^9	0	0	0	2.115	270	1
	2.0	1.3×10^9	0	0	0	2.234	40	1
10	0.166	2.1×10^7	0	3.5	76.49	1.7323	0	758
	0.333	2.1×10^7	0	3.5	76.49	1.7323	0	246
	0.500	2.1×10^7	0	3.5	76.49	1.7323	0	76
	0.666	2.1×10^7	0	3.5	76.49	1.7323	0	27
	0.833	2.1×10^7	0	3.5	76.49	1.7323	0	18
	1.000	2.1×10^7	0	3.5	76.49	1.7323	0	11
	1.333	2.1×10^7	0	3.5	76.49	1.7323	0	6
	1.666	2.1×10^7	0	3.5	76.49	1.7323	0	6
	2.000	2.1×10^7	0	3.5	76.49	1.7323	0	11
11	0.5	9.0×10^7	0	0	0	2.058	19	1
	1.0	9.0×10^7	0	0	0	1.985	68	1
	1.5	9.0×10^7	0	0	0	2.179	0	1
	2.0	9.0×10^7	0	0	0	2.211	0	1