

Decrease in total annual production

Duration [d]	Test Conc [µg/L]	phytoplankton	periphyton	macrophytes	Total primary production	zooplankton	benthic invertebrates	fish
		264	5,124	8,478	13,866			
1	20	0.3	0.1	0.0	0.0	0.2	0.1	0.1
1	30	0.1	0.1	0.3	0.2	0.1	0.4	0.1
1	50	1.5	0.1	0.2	0.2	2.2	0.3	0.5
1	90	12.5	3.8	1.4	2.5	12.4	1.6	2.0
1	170	13.8	3.8	0.6	2.0	13.2	2.6	2.4
3	20	0.9	0.0	0.0	0.0	0.8	0.0	0.0
3	30	0.4	0.2	1.0	0.7	0.3	0.7	0.3
3	50	1.6	0.5	0.7	0.6	2.9	1.0	0.9
3	90	21.9	7.8	2.4	4.8	23.4	3.5	4.2
3	170	24.2	7.6	2.9	5.0	25.2	6.1	5.1
5	20	2.3	0.1	0.0	0.1	2.1	0.0	0.1
5	30	1.0	0.4	1.5	1.1	0.8	1.1	0.5
5	50	1.5	1.2	1.2	1.2	3.0	1.7	1.3
5	90	25.9	10.5	2.8	6.1	29.3	4.9	5.6
5	170	28.5	10.0	5.3	7.5	31.8	8.9	6.9
10	20	1.2	0.2	0.2	0.2	0.8	0.0	0.1
10	30	1.1	0.6	2.7	1.9	1.4	1.9	0.7
10	50	1.8	2.1	2.4	2.3	0.3	3.1	1.6
10	90	29.3	14.7	2.8	7.7	36.1	7.5	7.5
10	170	32.0	13.5	10.5	12.0	39.4	13.9	9.7
20	20	2.1	0.1	0.2	0.2	2.3	0.1	0.2
20	30	0.2	0.8	4.0	2.7	0.4	2.8	1.0
20	50	2.0	2.8	3.7	3.3	0.5	4.3	2.1
20	90	30.0	16.7	2.0	8.0	39.0	9.3	8.6
20	170	33.0	14.7	17.5	16.8	43.5	19.2	12.1
60	20	2.5	0.1	0.2	0.2	3.3	0.3	0.3
60	30	0.1	1.4	5.5	3.9	0.5	4.3	1.8
60	50	2.8	4.3	5.6	5.1	2.1	6.6	3.1
60	90	24.8	19.2	0.3	7.8	34.3	12.7	9.8
60	170	33.3	14.4	27.7	22.9	43.3	26.2	15.7
130	20	2.5	0.3	0.2	0.3	3.3	0.4	0.4
130	30	0.1	1.7	6	4.3	0.5	4.9	2.1
130	50	7.9	5	6.1	5.7	3.0	7.9	3.8
130	90	22.7	21.7	0.3	8.6	24.2	17.7	11.8
130	170	33.3	12.8	29.9	23.6	43.3	28.1	18.4
260	20	2.5	0.5	0.2	0.4	3.3	0.6	0.5
260	30	0.1	2	6.1	4.5	0.5	5.2	2.3
260	50	9.5	5.5	6.2	6.0	2.8	8.3	4.1
260	90	27.2	22.3	0.4	9.0	24.6	18.5	12.2
260	170	33.3	12.8	27.2	22.0	43.3	31.3	21.2