

Table 4 ANOSIM pairwise tests and Similarity of Percentage (SIMPER) results for phytoplankton assemblages at each sampling time. Bolded genera are more numerous in 1<sup>st</sup> treatment of listed pairs

Pair	ANOSIM Pairwise Test			SIMPER Results
	Global R	Sig. Level (%)	Diss. (%)	Taxa most responsible to dissimilarity
Before (0)	Before (0)	Before (0)	Before (0)	Before (0)
C vs CM	-0.333	100	24.93	Merismopedia 20%, Aphanocapsa 14% and Artospira 9%
C vs IM	0.185	30	33.34	Merismopedia 12%, Palmellopsis 12%, Arthospira 10%
CM vs IM	0.074	40	34.93	Merismopedia 12%, Palmellopsis 11%, Arthospira 9%
30 minutes				
C vs CM	0.333	10	21.05	Coelasphaerium 26%, Aphanocapsa 14%, Merismopedia 14%
C vs IM	0.815	10	28.96	Coelasphaerium 21%, Merismopedia 15%, Gloeocystis 12%
CM vs IM	0.889	10	24.32	Coelasphaerium 18%, Merismopedia 16%, Gloeocystis 11%
3 hours				
C vs CM	0.222	30	23.69	Gloeotheca 12%, Tetraspora 11%, Palmellopsis 9%
C vs IM	0.926	10	28.31	Coelastrum 10%, Coelasphaerium 9%, Palmellopsis 6%
CM vs IM	0.556	10	30.55	Gloeotheca 8%, Coelastrum 6%, Tetraspora 6 %
1 day				
C vs CM	0.407	10	53.43	Merismopedia 28%, Coelasphaerium 25%, Gloeocystis 15%
C vs IM	0.185	30	51.61	Merismopedia 28%, Coelasphaerium 22%, Gloeocystis 14%
CM vs IM	0.074	40	33.67	Merismopedia 22%, Coelasphaerium 20%, Gloeocystis 17%
2 days				
C vs CM	0.556	10	22.65	Coelasphaerium 21%, Palmellopsis 20%, Aphanocapsa 12%
C vs IM	0.519	20	24.93	Merismopedia 34%, Coelasphaerium 16%, Aphanocapsa 15%
CM vs IM	0.741	10	29.47	Merismopedia 31%, Aphanocapsa 18%, Coelasphaerium 15%
3 days				
C vs CM	0.333	20	20.3	Coelastrum 10%, Palmellopsis 9%, Merismopedia 8 %
C vs IM	1	10	25.4	Coelastrum 14%, Merismopedia 11%, Tetraspora 9%
CM vs IM	0.556	10	18.5	Tetraspora 12%, Aphanocapsa 10%, Coelastrum 8%
4 days				
C vs CM	0.333	20	18.88	Tetraspora 14%, Palmellopsis 11%, Anabaena 7%
C vs IM	1	10	23.29	Palmellopsis 14%, Merismopedia 10%, Coelastrum 10%
CM vs IM	1	10	20.58	Palmellopsis 16%, Merismopedia 9 %, Coelastrum 12%
5 days				
C vs CM	0.259	20	19.28	Coelastrum 18%, Palmella 6%, Aphanocapsa 6%
C vs IM	1	10	21.58	Merismopedia 13%, Gloeocystis 11%, Coelasphaerium 7%
CM vs IM	1	10	24.48	Coelastrum 15%, Merismopedia 15%, Coelasphaerium 6%