

**Supplemental Table S1:** Average water quality parameters for University Lake over the 57-day study period

<u>Parameter</u>	<u>Units</u>	<u>Average Values (+/- SD)</u>
pH		6.87 (+/- 0.228)
Temperature	°C	9.90 (+/- 3.40)
Specific Conductance	mS/cm	0.088 (+/- 0.011)
Conductivity	uS/cm	62.70 (+/- 10.25)
Dissolved Oxygen %	%	98.06 (+/- 14.79)
Dissolved Oxygen Concentration	mg/L	11.12 (+/- 1.75)
Chlorophyll	ug/L	10.80 (+/- 8.27)
BGA Phycocyanin	Cells/mL	3385.80 (+/- 1298.36)
Fluoride	mg/L	<0.10
Total Coliform	MPN/100 mL	1762.5 (+/- 2363.7)
<i>E. coli</i>	MPN/100 mL	112.15 (+/- 155.78)
TOC	mg/L	7.11 (+/- 1.615)
UV <sub>254</sub>	cm <sup>-1</sup>	0.225 (+/- 0.048)
DOC	mg/L	6.04 (+/- 1.43)
Alkalinity*	mg/L CaCO <sub>3</sub>	19.13 (+/- 2.68)

SD = standard deviation

\*Measured from a raw water blend ranging from 15-30% University Lake water