

Table 1 Mean \pm SD of the physical and chemical conditions of the three sampling sites in Lake Kariba (Sanyati basin) in September 2011 to January 2012. LC=Lake Croc Discharge point (site 1), LH= Lake Harvest discharge points (site 2) and the Control (site 3)

Site/Parameter	Control	LC	LH	WHO	EMA
Turbidity (NTU)	2.97 \pm 1.81	45.94 \pm 18.78	32.65 \pm 14.38	5.0	5.0
pH	8.42 \pm 0.27	7.76 \pm 0.52	7.44 \pm 0.19	6.5 - 9	6 - 9
Temperature ($^{\circ}$ C)	31.12 \pm 1.94	31.47 \pm 1.84	28.88 \pm 1.62	27.0	35.0
TDS (mg/L)	46.44 \pm 1.28	75.71 \pm 5.37	83.4 \pm 16.45	1000.0	1000.0
Conductivi (μ ·S·cm $^{-1}$)	93.30 \pm 1.95	141.02 \pm 20.29	166.5 \pm 34.77	1000.0	1000.0
DO (mg/L)	4.68 \pm 0.62	3.30 \pm 2.09	2.71 \pm 0.75	5.0	5.0
Nitrates (mg/L)	0.43 \pm 0.53	8.91 \pm 12.79	7.69 \pm 5.98	50.0	10.0
Ammonia (mg/L)	0.11 \pm 0.13	2.39 \pm 3.05	1.01 \pm 1.25	0.5	0.5
Ortho-phosphate (mg/L)	0.14 \pm 0.27	0.51 \pm 0.30	0.32 \pm 0.17	0.5	0.5