

Table 2 Mean values of physicochemical properties of the water samples in the recirculating system of solar and electric powered fish pond

Water Samples	Dissolved Oxygen (mg/L)	pH	CaCO ₃ (mg/L)	NO ₃ (mg/L)	NO ₂ (mg/L)	NH ₃ (mg/L)	Temperature (°C)
Borehole (inlet water)	9.4 ±1.6	6.4 ±0.8	20 ±0.05	5.0 ±0.28	0	0	26.5 ±0.20
Solar powered pump water	6.2 ±0.20	6.9 ±0.17	20 ±0.05	10 ±0.08	0.3 ±0.28	0.6 ±0.64	26.2 ±0.15
Electric powered pump water	5.7 ±0.20	6.2 ±0.01	20 ±0.29	10 ±0.26	0.3 ±0.01	0.6 ±0.20	26.3 ±0.05
UV Treated (Outlet water)	7.2 ±0.15	8.0 ±0.01	20 ±0.28	10 ±0.26	0.3 ±0.03	0.3 ±0.07	26.4 ±0.057