

Table 1 Water Quality Parameters (Mean value) of earthen ponds in fish farms at the Southern Guinea Savanna agro-ecological zone of Nigeria

Parameters	Sampling Area		
	Abuja (9.08 N, 7.40 E)	Lafia (8.51 N, 8.52 E)	Makurdi (7.73 N, 8.54 E)
Number of farms sampled	10	10	10
Hardness (mg/l CaCO <sub>3</sub> )	168.00 ± 10.19	142.39 ± 17.04	151.44 ± 13.11
Dissolved Oxygen (mg/l)	5.62 ± 1.07	4.97 ± 1.91	5.24 ± 1.56
Temperature ( °C)	21.3 ± 2.01	29.60 ± 1.65	29.00 ± 1.09
Electrical Conductivity	296.62 ± 5.18	344.15 ± 12.05	415.09 ± 17.24
Total Dissolved Solids	720.11 ± 23.74	665.06 ± 37.05	786.13 ± 58.22
PH	7.28 ± 0.02	8.11 ± 1.05	7.78 ± 1.04