

Table 5 ANOVA results for mean water quality parameters of fish pond

Variables	df	Ms	F	P level
pH				
Culture systems	1	0.079 380	0.254 939	0.620 101
Season	1	0.151 380	0.486 177	0.495 064
Temperature				
Culture systems	1	15.138 00	7.768 232	0.012 642*
Season	1	2.312 00	1.186 428	0.291 252
Dissolved Oxygen				
Culture systems	1	47.308 88	0.446 132	0.513 144
Season	1	59.581 52	0.561 865	0.463 757
Total Dissolved Solids				
Culture systems	1	649.80	0.293 760	0.594 855
Season	1	17 523.20	7.921 838	0.011 933*
Nitrite				
Culture systems	1	0.005 780	0.386 212	0.542 542
Season	1	0.002 880	0.192 43	0.666 420
Nitrate				
Culture systems	1	17.521 92	3.370 442	0.839 30
Season	1	30.405 78	5.848 726	0.027 097*
Ammonia				
Culture systems	1	0.648 000	14.193 68	0.001 536*
Seasons	1	0.008 000	0.175 23	0.680 745

Note: *, denotes significance levels at 5% level