

Table 3 Correlation among water quality parameters and parasitic infestation during prevalence period of *Amyloodinium ocellatum* infection

Parameter	r	P-value
Temperature	-0.165	0.488
Dissolved Oxygen	0.009	0.97
pH	-.457*	0.043
Salinity (ppt)	.473*	0.035
Ammonia (ppm)	0.057	0.81

Note: Correlation is significant at the 0.05 level (2-tailed). Only the pH and salinity were strong correlated with *A. ocellatum* infestation. Between the parasitic infestation and pH there was an inverse relationship that the result of Pearson Correlation coefficient test was (-.457) carrying a negative sign. While between the parasitic infestation and salinity there was appositve relationship that the result of Pearson Correlation coefficient test was (.473) carrying a positive sign