

Water Quality Data of South Lantau Marine Park from July to September 2024 (3rd Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.70		24.70	
Temperature (°C)	26.50	26.10	26.30	26.50
Salinity (‰)	28.00	28.00	28.00	28.00
Dissolved Oxygen (mg/L)	4.60	4.90	4.65	4.60
pH	8.00	8.00	8.00	8.00
Secchi Disc Depth (m)	1.9		1.9	
Turbidity (NTU)	5.00	4.50	3.00	4.00
Suspended Solids (mg/L)	2.00	2.50	4.00	3.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.10	0.10	0.10	0.10
Nitrate Nitrogen (mg/L)	0.46	0.45	0.39	0.39
Total Inorganic Nitrogen (mg/L)	0.56	0.55	0.48	0.49
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	0.70	0.70	0.60	0.60
Orthophosphate Phosphorus (mg/L)	0.03	0.02	0.02	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.80	1.00	0.80	0.75
<i>E. coli</i> (cfu/100 mL)	8	11	4	5
Faecal Coliforms (cfu/100 mL)	44	54	26	52