

Water Quality Data of South Lantau Marine Park from April to June 2025 (2nd Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	27.20		27.20	
Temperature (°C)	28.50	27.60	28.50	28.10
Salinity (‰)	28.50	27.60	28.50	28.10
Dissolved Oxygen (mg/L)	6.10	5.00	6.00	5.50
pH	8.40	8.30	8.40	8.40
Secchi Disc Depth (m)	1.8		1.7	
Turbidity (NTU)	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	3.00	3.50	3.50	3.00
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)	0.16	0.16	0.16	0.16
Nitrate Nitrogen (mg/L)	1.43	1.33	1.34	1.31
Total Inorganic Nitrogen (mg/L)	1.59	1.48	1.50	1.47
Total Kjeldahl Nitrogen (mg/L)	<0.1	0.10	0.10	0.10
Total Nitrogen (mg/L)	1.60	1.60	1.60	1.60
Orthophosphate Phosphorus (mg/L)	0.04	0.04	0.04	0.04
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll- <i>a</i> (µg/L)	2.50	2.35	2.00	1.95
<i>E. coli</i> (cfu/100 mL)	31	25	21	22
Faecal Coliforms (cfu/100 mL)	99	64	52	56