

Water Quality Data of South Lantau Marine Park from April to June 2024 (2nd Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	25.50		25.50	
Temperature (°C)	25.70	25.30	25.80	25.30
Salinity (‰)	25.05	30.90	26.30	31.20
Dissolved Oxygen (mg/L)	8.00	6.70	8.40	6.70
pH	8.30	8.20	8.30	8.20
Secchi Disc Depth (m)	2.1		1.7	
Turbidity (NTU)	2.00	2.00	2.00	2.00
Suspended Solids (mg/L)	2.50	2.50	2.50	2.50
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)	0.03	0.02	0.04	0.03
Nitrate Nitrogen (mg/L)	0.42	0.43	0.47	0.49
Total Inorganic Nitrogen (mg/L)	0.44	0.46	0.51	0.52
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	0.60	0.65	0.70	0.70
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.75	3.15	3.95	4.30
<i>E. coli</i> (cfu/100 mL)	2	1	3	2
Faecal Coliforms (cfu/100 mL)	7	2	4	2