

Water Quality Data of South Lantau Marine Park from April to June 2023 (2nd Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26.10		26.10	
Temperature (°C)	26.60	24.40	26.60	24.65
Salinity (‰)	28.20	31.90	27.60	31.65
Dissolved Oxygen (mg/L)	8.30	5.50	7.60	5.60
pH	8.30	8.20	8.20	8.20
Secchi Disc Depth (m)	0.6		0.4	
Turbidity (NTU)	1.00	1.00	2.00	2.00
Suspended Solids (mg/L)	2.50	4.00	2.00	4.00
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)	0.01	0.02	0.02	0.02
Nitrate Nitrogen (mg/L)	0.33	0.31	0.43	0.43
Total Inorganic Nitrogen (mg/L)	0.34	0.32	0.46	0.46
Total Kjeldahl Nitrogen (mg/L)	0.25	0.30	0.40	0.40
Total Nitrogen (mg/L)	0.60	0.60	0.80	0.80
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)	9.70	6.10	5.60	5.85
<i>E. coli</i> (cfu/100 mL)	10	5	0	2
Faecal Coliforms (cfu/100 mL)	40	23	8	18