

Water Quality Data of South Lantau Marine Park from October to December 2022 (4th Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.60		23.50	
Temperature (°C)	23.10	23.10	23.70	23.70
Salinity (‰)	34.80	34.80	34.80	34.80
Dissolved Oxygen (mg/L)	7.80	8.00	7.70	8.00
pH	8.50	8.50	8.50	8.50
Secchi Disc Depth (m)	1.0		1.1	
Turbidity (NTU)	1.00	1.00	1.00	1.00
Suspended Solids (mg/L)	<2	<2	<2	<2
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	<0.01	0.01	0.01
Nitrate Nitrogen (mg/L)	0.08	0.09	0.09	0.08
Total Inorganic Nitrogen (mg/L)	0.13	0.12	0.12	0.12
Total Kjeldahl Nitrogen (mg/L)	0.30	0.25	0.25	0.30
Total Nitrogen (mg/L)	0.40	0.35	0.35	0.35
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)	6.45	2.95	3.95	8.75
<i>E. coli</i> (cfu/100 mL)	3	2	2	2
Faecal Coliforms (cfu/100 mL)	8	5	5	5