

Water Quality Data of South Lantau Marine Park from July to September 2022 (3rd Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	33.20		33.20	
Temperature (°C)	27.40	27.40	29.70	29.70
Salinity (‰)	33.60	33.60	33.60	33.60
Dissolved Oxygen (mg/L)	6.70	6.60	6.80	6.70
pH	7.90	8.10	8.10	8.00
Secchi Disc Depth (m)	1.0		1.1	
Turbidity (NTU)	3.00	3.00	3.00	3.50
Suspended Solids (mg/L)	3.50	4.50	3.00	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)	0.06	0.06	0.06	0.06
Nitrate Nitrogen (mg/L)	0.80	0.80	0.81	0.82
Total Inorganic Nitrogen (mg/L)	0.86	0.86	0.87	0.87
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.40	0.40
Total Nitrogen (mg/L)	1.20	1.10	1.25	1.20
Orthophosphate Phosphorus (mg/L)	0.02	0.01	0.02	0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.60	3.10	3.00	2.75
<i>E. coli</i> (cfu/100 mL)	40	42	46	47
Faecal Coliforms (cfu/100 mL)	51	62	67	74