

Water Quality Data of South West Lantau Marine Park from January to March 2022 (1st Quarter)

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	11.8		11.7		11.5		11.8	
Temperature (°C)	15.90	16.00	15.80	15.80	15.70	15.70	15.80	15.70
Salinity (‰)	32.10	32.20	32.00	32.00	32.00	32.00	32.00	32.00
Dissolved Oxygen (mg/L)	7.80	7.50	8.00	7.80	7.70	7.60	7.70	7.60
pH	7.90	8.00	8.10	8.10	7.90	7.90	7.80	7.90
Secchi Disc Depth (m)	0.5		0.6		0.5		0.6	
Turbidity (NTU)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Suspended Solids (mg/L)	4.50	3.50	4.50	4.50	3.00	3.00	4.00	3.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.06	0.07	0.07	0.07	0.07	0.07	0.06	0.07
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	<0.01	0.01	<0.01	0.01	0.01	0.01	0.02
Nitrate Nitrogen (mg/L)	0.12	0.13	0.12	0.14	0.13	0.12	0.12	0.12
Total Inorganic Nitrogen (mg/L)	0.19	0.21	0.20	0.20	0.20	0.20	0.19	0.20
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Total Nitrogen (mg/L)	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.45	0.60	0.65	0.50	0.50	0.60	0.50	0.50
<i>E. coli</i> (cfu/100 mL)	0	2	2	0	1	1	1	1
Faecal Coliforms (cfu/100 mL)	0	2	4	0	1	1	1	1