

Water Quality Data of South West Lantau Marine Park from January to March 2021 (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)	15.2		15.2		15.2		15.2	
Temperature (°C)	19.20	19.30	19.10	19.40	19.20	19.25	19.30	19.00
Salinity (‰)	28.30	30.95	32.60	32.40	32.50	32.50	32.40	32.40
Dissolved Oxygen (mg/L)	8.80	8.70	8.50	8.40	8.60	8.45	8.65	8.60
pH	8.00	8.10	8.00	7.90	8.20	8.20	8.10	8.10
Secchi Disc Depth (m)	0.7		0.5		0.6		0.6	
Turbidity (NTU)	3.00	3.00	22.00	30.50	6.00	4.50	7.50	6.50
Suspended Solids (mg/L)	8.50	4.50	35.50	65.50	18.00	11.00	9.50	9.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.12	0.17	0.03	0.04	0.04	0.03	0.02	0.02
Total Inorganic Nitrogen (mg/L)	0.12	0.17	0.03	0.04	0.04	0.03	0.02	0.02
Total Kjeldahl Nitrogen (mg/L)	0.40	0.30	0.30	0.35	0.30	0.30	0.20	0.30
Total Nitrogen (mg/L)	0.50	0.50	0.35	0.40	0.40	0.30	0.30	0.30
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.85	1.10	2.90	3.30	4.00	3.85	3.50	3.65
<i>E. coli</i> (cfu/100 mL)	0	0	0	0	0	0	1	1
Faecal Coliforms (cfu/100 mL)	55	21	8	10	21	63	29	47