

Water Quality Data of South West Lantau from January to March 2020 (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)	16.3		16.2		16.3		16.2	
Temperature (°C)	18.50	18.40	18.40	18.40	18.10	18.10	18.70	18.30
Salinity (‰)	33.50	33.40	33.40	33.40	33.30	33.30	33.40	33.30
Dissolved Oxygen (mg/L)	7.90	7.75	7.90	7.90	7.90	7.80	7.90	7.80
pH	7.80	7.80	7.80	7.80	7.90	7.90	7.80	7.90
Secchi Disc Depth (m)	0.4		0.3		0.6		0.4	
Turbidity (NTU)	2.50	5.00	7.00	7.00	7.00	4.00	2.00	3.00
Suspended Solids (mg/L)	9.50	10.00	19.00	19.00	7.50	8.50	5.50	5.50
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	0.02	0.01	0.01	0.01	0.01	<0.01
Nitrate Nitrogen (mg/L)	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03
Total Inorganic Nitrogen (mg/L)	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.03
Total Kjeldahl Nitrogen (mg/L)	0.15	0.10	0.15	0.10	0.15	0.15	0.20	0.20
Total Nitrogen (mg/L)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
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)	8.45	9.20	8.50	9.35	8.10	8.65	8.50	9.40
<i>E. coli</i> (cfu/100 mL)	0	1	1	1	0	0	1	0
Faecal Coliforms (cfu/100 mL)	0	1	1	2	0	0	1	0