

Water Quality Data of South West Lantau from October to December 2020 (4th 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)	21.70	21.80	21.40	21.50	21.50	21.60	21.60	21.80
Salinity (‰)	32.00	31.90	32.00	32.00	32.00	32.00	32.00	31.90
Dissolved Oxygen (mg/L)	7.20	7.20	7.50	7.30	7.30	7.20	7.30	7.20
pH	8.10	8.10	8.10	8.10	8.00	8.10	8.10	8.10
Secchi Disc Depth (m)	0.5		0.4		0.4		0.3	
Turbidity (NTU)	11.00	15.50	11.00	15.50	17.00	13.50	7.50	11.50
Suspended Solids (mg/L)	19.50	24.00	19.50	24.00	44.00	26.00	18.50	28.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.04
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	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Nitrate Nitrogen (mg/L)	0.13	0.13	0.13	0.13	0.15	0.15	0.15	0.14
Total Inorganic Nitrogen (mg/L)	0.16	0.17	0.16	0.17	0.21	0.21	0.21	0.20
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20	0.30	0.30	0.25	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)	2.80	3.15	2.80	3.15	3.05	2.90	3.15	3.00
<i>E. coli</i> (cfu/100 mL)	0	0	0	0	1	0	1	0
Faecal Coliforms (cfu/100 mL)	9	1	9	1	2	1	35	4