

Water Quality Data of South West Lantau from October to December 2021 (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)	21.2		20.9		20.9		20.8	
Temperature (°C)	23.30	23.20	23.20	23.20	23.30	23.30	23.40	23.50
Salinity (‰)	33.50	33.50	33.50	33.50	33.50	33.50	33.60	33.70
Dissolved Oxygen (mg/L)	6.60	6.50	6.60	6.50	6.90	6.70	6.80	6.50
pH	7.80	7.80	7.80	7.80	8.10	8.00	7.90	7.90
Secchi Disc Depth (m)	0.6		0.4		0.5		0.4	
Turbidity (NTU)	6.00	6.00	6.00	6.50	6.00	6.00	6.00	5.00
Suspended Solids (mg/L)	10.00	8.00	9.50	11.00	10.00	12.00	9.00	11.00
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)	0.02	0.03	0.02	0.03	0.02	0.02	0.02	0.03
Nitrate Nitrogen (mg/L)	0.03	0.04	0.04	0.03	0.03	0.04	0.04	<0.01
Total Inorganic Nitrogen (mg/L)	0.05	0.06	0.05	0.05	0.05	0.06	0.06	0.04
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.15	0.15	0.20	0.15	0.20	0.40
Total Nitrogen (mg/L)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.40
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)	2.20	2.05	2.35	2.45	2.30	2.25	2.25	2.35
<i>E. coli</i> (cfu/100 mL)	0	0	1	0	0	0	0	0
Faecal Coliforms (cfu/100 mL)	0	0	1	0	0	0	0	0