

Water Quality Data of South West Lantau from October to December 2022 (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)	23.5		23.5		23.3		23.3	
Temperature (°C)	23.60	23.60	23.70	23.70	23.70	23.70	23.60	23.60
Salinity (‰)	34.50	34.50	34.60	34.60	34.60	34.60	34.80	34.80
Dissolved Oxygen (mg/L)	8.00	8.00	8.00	8.00	7.85	7.90	8.00	8.00
pH	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70
Secchi Disc Depth (m)	0.6		0.4		0.5		0.4	
Turbidity (NTU)	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00
Suspended Solids (mg/L)	4.00	4.50	3.50	4.00	4.00	3.50	4.50	4.00
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	0.02	0.02	0.02	0.02
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)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Inorganic Nitrogen (mg/L)	0.04	0.05	0.05	0.04	0.04	0.04	0.04	0.04
Total Kjeldahl Nitrogen (mg/L)	0.25	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	0.25	0.20	0.25	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)	3.80	4.05	4.15	4.90	4.10	4.00	4.25	4.15
<i>E. coli</i> (cfu/100 mL)	1	1	3	4	0	2	2	2
Faecal Coliforms (cfu/100 mL)	5	4	8	10	0	7	6	5