

Water Quality Data of South West Lantau from July to September 2022 (3rd Quarter)

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	33.2		33.6		33.6		33.2	
Water Temperature (°C)	29.70	29.70	29.60	29.60	28.50	28.50	28.80	28.80
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	6.90	6.70	6.60	6.50	6.80	6.50
pH	7.80	7.90	8.10	8.00	7.80	7.80	7.90	7.90
Secchi Disc Depth (m)	0.6		0.5		0.4		0.4	
Turbidity (NTU)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	3.00	3.00	3.50	4.00	3.50	4.50	3.00	3.50
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)	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.06
Nitrate Nitrogen (mg/L)	0.91	0.91	0.09	0.06	0.85	0.79	0.80	0.79
Total Inorganic Nitrogen (mg/L)	0.96	0.96	0.86	0.85	0.91	0.86	0.86	0.85
Total Kjeldahl Nitrogen (mg/L)	0.35	0.30	0.20	0.20	0.35	0.35	0.20	0.20
Total Nitrogen (mg/L)	1.30	1.30	1.05	1.00	1.25	1.20	1.00	1.05
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)	3.55	3.60	3.85	3.35	3.55	3.80	3.55	3.30
<i>E. coli</i> (cfu/100 mL)	12	1	7	12	33	49	12	12
Faecal Coliforms (cfu/100 mL)	21	7	15	21	42	79	23	22