

Water Quality Data of South West Lantau from April to June 2021 (2nd Quarter)

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	27.2		26.8		27.3		27.0	
Temperature (°C)	28.10	25.70	26.90	26.20	28.10	27.90	27.50	26.20
Salinity (‰)	17.50	32.50	29.10	31.10	20.00	21.50	27.50	31.30
Dissolved Oxygen (mg/L)	5.70	3.90	4.40	3.50	5.60	5.40	5.20	3.70
pH	7.90	7.90	7.90	7.90	7.90	7.90	8.00	7.90
Secchi Disc Depth (m)	0.8		0.5		0.5		1.1	
Turbidity (NTU)	5.50	5.00	11.00	8.00	5.00	5.00	4.00	4.00
Suspended Solids (mg/L)	6.50	4.00	18.50	14.50	5.50	5.50	8.00	9.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	0.08
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.12	0.11	0.06	0.07	0.12	0.11	0.07	0.06
Nitrate Nitrogen (mg/L)	1.04	1.11	0.09	0.06	1.07	1.07	0.49	0.44
Total Inorganic Nitrogen (mg/L)	1.17	1.22	0.39	0.42	1.19	1.19	0.56	0.57
Total Kjeldahl Nitrogen (mg/L)	0.55	0.25	0.50	0.35	0.35	0.30	0.35	0.80
Total Nitrogen (mg/L)	1.75	1.50	0.80	0.75	1.55	1.50	0.90	1.35
Orthophosphate Phosphorus (mg/L)	<0.01	0.02	<0.01	<0.01	0.02	0.03	<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)	1.65	2.05	4.25	4.25	2.70	2.60	6.70	5.80
<i>E. coli</i> (cfu/100 mL)	11	9	0	1	1	2	2	0
Faecal Coliforms (cfu/100 mL)	41	34	7	3	8	4	3	2