

Water Quality Data of Southwest Lantau from April to June 2024 (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)	26.00		26.10		26.10		25.80	
Temperature (°C)	25.70	25.30	25.70	25.40	25.60	25.50	26.10	25.40
Salinity (‰)	25.90	30.10	26.20	29.95	27.70	28.60	26.80	29.30
Dissolved Oxygen (mg/L)	8.10	6.60	8.00	6.70	7.60	7.00	9.20	6.50
pH	8.30	8.20	8.30	8.20	8.30	8.20	8.40	8.20
Secchi Disc Depth (m)	1.4		1.5		1.6		1.4	
Turbidity (NTU)	3.00	2.50	2.50	3.00	2.00	2.00	2.00	2.00
Suspended Solids (mg/L)	4.50	4.00	5.50	6.50	4.00	3.00	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)	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.03
Nitrate Nitrogen (mg/L)	0.35	0.37	0.35	0.35	0.32	0.32	0.32	0.31
Total Inorganic Nitrogen (mg/L)	0.38	0.39	0.38	0.38	0.34	0.34	0.34	0.33
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	0.60	0.60	0.60	0.60	0.55	0.55	0.55	0.50
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)	5.90	6.15	7.30	7.15	8.10	5.35	8.25	5.85
<i>E. coli</i> (cfu/100 mL)	1	1	2	2	1	0	0	1
Faecal Coliforms (cfu/100 mL)	2	1	3	2	1	1	0	1