

Water Quality Data of South West Lantau from April to June 2019 (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)	29.4		28.6		29.1		28.4	
Temperature (°C)	27.30	27.20	27.20	27.20	27.30	27.30	27.30	26.90
Salinity (‰)	20.00	20.10	24.40	24.80	20.70	20.60	23.60	26.60
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00
pH	8.00	8.00	8.00	8.10	8.00	8.00	7.90	8.00
Secchi Disc Depth (m)	0.6		0.5		0.4		0.4	
Turbidity (NTU)	4.00	4.00	3.00	4.00	4.00	4.00	3.00	4.00
Suspended Solids (mg/L)	4.00	5.00	4.50	5.00	5.50	6.50	5.50	8.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	2.00	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.07	0.09	<0.01	<0.01	<0.01	0.11	0.05	0.10
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.09	0.09	0.07	0.07	0.07	0.08	0.06	0.08
Nitrate Nitrogen (mg/L)	0.78	0.77	0.09	0.06	0.65	0.75	0.54	0.45
Total Inorganic Nitrogen (mg/L)	0.94	0.94	0.64	0.59	0.80	0.94	0.65	0.63
Total Kjeldahl Nitrogen (mg/L)	0.40	0.50	0.40	0.55	0.40	0.55	0.40	0.70
Total Nitrogen (mg/L)	1.30	1.40	1.00	1.05	1.10	1.35	1.00	1.20
Orthophosphate Phosphorus (mg/L)	0.04	0.02	<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)	3.15	1.70	7.70	6.75	4.05	2.55	6.70	6.45
<i>E. coli</i> (cfu/100 mL)	6	4	6	1	8	7	2	2
Faecal Coliforms (cfu/100 mL)	570	40	11	1	455	112	27	5