

Water Quality Data of Southwest Lantau Marine Park from July to September 2020 (3rd Quarter)

	Fan Lau West		Pak Kok	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	31.0		31.1	
Water Temperature (°C)	27.70	27.00	27.70	26.40
Salinity (‰)	31.40	32.50	31.00	33.50
Dissolved Oxygen (mg/L)	5.20	4.00	5.60	3.60
pH	8.00	7.90	7.90	7.90
Secchi Disc Depth (m)	1.0		0.9	
Turbidity (NTU)	3.00	3.00	2.00	2.00
Suspended Solids (mg/L)	4.00	5.00	2.50	8.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.06	0.06	0.07	0.07
Nitrate Nitrogen (mg/L)	0.09	0.06	0.23	0.22
Total Inorganic Nitrogen (mg/L)	0.24	0.21	0.30	0.29
Total Kjeldahl Nitrogen (mg/L)	0.20	0.25	0.20	0.20
Total Nitrogen (mg/L)	0.50	0.50	0.50	0.50
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	4.80	4.90	5.35	5.40
<i>E. coli</i> (cfu/100 mL)	0	0	1	2
Faecal Coliforms (cfu/100 mL)	0	0	7	6