

Water quality of Hoi Ha Wan Marine Park in Year 2020

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	21.75		21.98		21.85		22.03	
Temperature (°C)	23.89	23.28	23.40	23.18	23.63	23.48	23.55	23.08
Salinity (‰)	29.15	31.65	31.35	32.00	29.33	30.30	31.30	32.19
Dissolved Oxygen (mg/L)	6.61	5.99	6.43	5.86	6.63	6.43	6.55	5.70
pH	7.90	7.93	7.91	7.90	7.90	7.93	7.88	7.93
Secchi Disc Depth (m)	0.7		0.7		0.7		0.6	
Turbidity (NTU)	4.88	6.63	6.13	7.25	7.50	6.00	3.63	4.88
Suspended Solids (mg/L)	9.25	10.25	11.50	13.13	14.75	11.63	7.50	11.38
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	0.02	0.02	0.02	0.02
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	0.10	0.05	0.05	0.07	0.07	0.05	0.05
Nitrate Nitrogen (mg/L)	0.33	0.32	0.08	0.07	0.31	0.33	0.19	0.19
Total Inorganic Nitrogen (mg/L)	0.40	0.40	0.23	0.22	0.40	0.41	0.25	0.25
Total Kjeldahl Nitrogen (mg/L)	0.23	0.20	0.19	0.19	0.24	0.23	0.21	0.23
Total Nitrogen (mg/L)	0.64	0.63	0.45	0.45	0.61	0.63	0.45	0.45
Orthophosphate Phosphorus (mg/L)	0.01	0.01	0.01	0.01	0.02	0.02	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)	4.26	4.23	4.39	4.73	4.26	4.38	4.63	4.80
<i>E. coli</i> (cfu/100 mL)	1	1	1	0	1	1	1	1
Faecal Coliforms (cfu/100 mL)	7	5	4	3	2	2	13	4