

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from July to September 2009 (Third Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	35.2		33.4	
Temperature (°C)	30.06	29.09	30.95	29.66
Salinity (ppt)	17.34	22.44	11.76	17.07
DO (mg/L)	5.89	4.78	5.86	5.61
pH	7.95	7.86	7.86	7.85
Secchi depth (m)	1		1.5	
Turbidity (NTU)	3.8	4	3.3	2.8
Suspended solids (mg/L)	4.4	4.7	2.9	3
BOD ₅ (mg/L)	1.62	1.72	1.14	1.48
Ammoniacal nitrogen (mg/L)	0.04	0.11	0.03	0.16
Unionized ammonia (mg/L)	0.006	0.02	0.006	0.03
Nitrite nitrogen (mg/L)	0.14	0.12	0.21	0.2
Nitrate nitrogen (mg/L)	0.86	0.65	1.3	1.01
TIN (mg/L)	1.04	0.88	1.54	1.36
TKN (mg/L)	0.08	0.06	0.09	0.08
TN (mg/L)	1.08	0.84	1.6	1.29
Orthophosphate phosphorus (mg/L)	0.06	0.04	0.03	0.02
TP (mg/L)	0.07	0.06	0.07	0.08
Chlorophyll-a (µg/L)	5.24	6.02	1.55	3.4
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Faecal coliforms (CFU/100 mL)	0	0	0	0

ND: Not detectable