

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from April to June 2009 (Second Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	32.3		32.4	
Temperature (°C)	26.54	26.17	26.22	26.1
Salinity (ppt)	8.36	24.25	11.79	25.96
DO (mg/L)	7.21	5.79	6.54	5.75
pH	7.94	7.97	7.88	7.98
Secchi depth (m)	2		2	
Turbidity (NTU)	4.1	6.2	4.6	14.7
Suspended solids (mg/L)	1.82	5.54	2.1	10.53
BOD ₅ (mg/L)	1.27	1.48	1.46	1.22
Ammoniacal nitrogen (mg/L)	0.06	0.14	ND	0.11
Unionized ammonia (mg/L)	0.012	0.022	ND	0.017
Nitrite nitrogen (mg/L)	0.06	0.02	0.04	0.03
Nitrate nitrogen (mg/L)	0.06	0.12	0.09	0.1
TIN (mg/L)	0.19	0.28	0.14	0.25
TKN (mg/L)	0.09	0.12	0.13	0.13
TN (mg/L)	0.22	0.26	0.27	0.27
Orthophosphate phosphorus (mg/L)	0.06	0.05	0.04	ND
TP (mg/L)	0.1	0.07	0.04	0.03
Chlorophyll-a (µg/L)	1.66	1.11	1.98	0.84
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	45	5	190

ND: Not detectable