

**Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from January to March 2018 (1st Quarter)**

	Lung Kwu Chau North		Pak Chau		Sha Chau East	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	6.20		6.20		6.60	
Temperature (°C)	15.40	15.70	15.50	15.60	15.60	15.50
Salinity (‰)	30.60	30.90	30.90	31.00	31.00	30.60
Dissolved Oxygen (mg/L)	8.30	8.00	8.40	8.30	8.10	8.10
pH	8.00	8.20	8.10	8.20	8.20	8.15
Secchi Disc Depth (m)	1.2		1.0		1.5	
Turbidity (NTU)	3.00	3.00	3.00	4.00	6.00	6.50
Suspended Solids (mg/L)	13.00	13.50	13.00	39.00	12.00	20.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.10	0.11	0.10	0.09	0.13	0.14
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.02	0.02	0.01	0.02	0.02
Nitrate Nitrogen (mg/L)	0.25	0.25	0.24	0.22	0.38	0.37
Total Inorganic Nitrogen (mg/L)	0.37	0.37	0.36	0.32	0.53	0.53
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.10	0.20	0.20
Total Nitrogen (mg/L)	0.40	0.45	0.40	0.40	0.60	0.60
Orthophosphate Phosphorus (mg/L)	0.01	0.02	0.01	0.05	0.02	0.02
Total Phosphorus (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll- <i>a</i> (µg/L)	3.95	4.50	4.90	5.80	4.05	3.55
<i>E. coli</i> (cfu/100 mL)	83	87	82	88	109	101
Faecal Coliforms (cfu/100 mL)	125	145	130	120	180	175