

### Water Quality Data of Hoi Ha Wan Marine Park from January to March 2017 (1st Quarter)

|                                        | Coral Beach |        | Mo Chau |        | Heung Lo Kok |        | Pier    |        |
|----------------------------------------|-------------|--------|---------|--------|--------------|--------|---------|--------|
|                                        | Surface     | Bottom | Surface | Bottom | Surface      | Bottom | Surface | Bottom |
| Water Depth                            |             |        |         |        |              |        |         |        |
| Air Temperature (°C)                   | 16.4        |        | 16.4    |        | 16.4         |        | 16.4    |        |
| Temperature (°C)                       | 19.04       | 19.00  | 19.11   | 19.01  | 19.33        | 19.26  | 18.10   | 18.75  |
| Salinity (‰)                           | 32.00       | 32.00  | 32.00   | 32.00  | 32.00        | 32.00  | 32.00   | 32.00  |
| Dissolved Oxygen (mg/L)                | 7.00        | 6.90   | 7.00    | 7.40   | 7.00         | 7.00   | 7.20    | 7.10   |
| pH                                     | 8.30        | 8.29   | 8.31    | 8.31   | 8.32         | 8.32   | 8.27    | 8.25   |
| Secchi Disc Depth (m)                  | 2.2         |        | 2.4     |        | 2.0          |        | 2.0     |        |
| Turbidity (NTU)                        | <1          | <1     | 1.00    | 2.00   | <1           | <1     | <1      | <1     |
| Suspended Solids (mg/L)                | <2          | <2     | <2      | <2     | <2           | <2     | <2      | 2.00   |
| 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  | <2           | 0.01   | <0.01   | <0.01  |
| Unionized Ammonia (mg/L)               | <0.01       | <0.01  | <0.01   | <0.01  | <0.01        | <0.01  | <0.01   | <0.01  |
| Nitrite Nitrogen (mg/L)                | <0.01       | <0.01  | <0.01   | <0.01  | <0.01        | <0.01  | <0.01   | <0.01  |
| Nitrate Nitrogen (mg/L)                | 0.02        | 0.02   | 0.09    | 0.06   | <0.01        | <0.01  | 0.03    | 0.02   |
| Total Inorganic Nitrogen (mg/L)        | 0.02        | 0.02   | 0.02    | 0.02   | 0.02         | 0.03   | 0.03    | 0.02   |
| Total Kjeldahl Nitrogen (mg/L)         | 0.30        | 0.25   | 0.25    | 0.20   | 0.20         | 0.20   | 0.30    | 0.20   |
| Total Nitrogen (mg/L)                  | 0.35        | 0.25   | 0.25    | 0.20   | 0.20         | 0.20   | 0.35    | 0.25   |
| Orthophosphate Phosphorus (mg/L)       | <0.01       | <0.01  | <0.01   | <0.01  | <0.01        | <0.01  | <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)                   | 0.50        | 0.40   | 0.50    | 0.25   | 0.40         | 0.45   | 0.70    | 0.65   |
| <i>E. coli</i> (cfu/100 mL)            | 0           | 0      | 0       | 0      | 0            | 0      | 1       | 1      |
| Faecal Coliforms (cfu/100 mL)          | 0           | 0      | 0       | 0      | 1            | 0      | 2       | 3      |