

### Water quality data of Cape d'Aguilar Marine Reserve from July to September 2008 (Third Quarter)

|                                  | Hok Tusi Wan |        | Telegraph Bay |        |
|----------------------------------|--------------|--------|---------------|--------|
| No. of Sample                    | 1            |        | 1             |        |
| Depth (m)                        | Surface      | Bottom | Surface       | Bottom |
| Air Temperature (°C)             | 31.1         |        | 32.1          |        |
| Temperature (°C)                 | 27.85        | 23.2   | 27.75         | 26.02  |
| Salinity (ppt)                   | 25.5         | 34.1   | 25.8          | 30.4   |
| DO (mg/L)                        | 7.97         | 5.96   | 8.15          | 6.05   |
| pH                               | 8.3          | 7.98   | 8.33          | 8.09   |
| Secchi depth (m)                 | 3            |        | 4             |        |
| Turbidity (NTU)                  | 1.2          | 2.4    | 1.3           | 1.1    |
| Suspended solids (mg/L)          | 1.79         | 1.96   | 1.39          | 1.16   |
| BOD <sub>5</sub> (mg/L)          | 3.39         | 1.33   | 2.22          | 1.83   |
| Ammoniacal nitrogen (mg/L)       | 0.04         | 0.04   | 0.04          | 0.08   |
| Unionized ammonia (mg/L)         | 0.004        | 0.005  | 0.004         | 0.01   |
| Nitrite nitrogen (mg/L)          | 0.03         | 0.04   | 0.05          | 0.05   |
| Nitrate nitrogen (mg/L)          | 0.31         | 0.2    | 0.28          | 0.26   |
| TIN (mg/L)                       | 0.39         | 0.27   | 0.38          | 0.39   |
| TKN (mg/L)                       | 0.14         | 0.13   | 0.08          | 0.14   |
| TN (mg/L)                        | 0.49         | 0.36   | 0.41          | 0.45   |
| Orthophosphate phosphorus (mg/L) | 0.09         | 0.13   | 0.16          | 0.16   |
| TP (mg/L)                        | 0.21         | 0.21   | 0.17          | 0.16   |
| Chlorophyll-a (µg/L)             | 9.15         | 1.27   | 8.29          | 9.69   |
| <i>E. coli</i> (CFU/100 mL)      | 0            | 0      | 0             | 0      |
| Fecal coliforms (CFU/100 mL)     | 0            | 0      | 0             | 10     |