

| 08/01/2007          | Water depth (m) | Sampling depth (m) | Temp (°C) |           | Salinity (ppt) |           | DO (mg/L) |           | pH      |           | Turbidity (NTU) |           | SS (mg/L)              |           |
|---------------------|-----------------|--------------------|-----------|-----------|----------------|-----------|-----------|-----------|---------|-----------|-----------------|-----------|------------------------|-----------|
|                     |                 |                    | mid-ebb   | mid-flood | mid-ebb        | mid-flood | mid-ebb   | mid-flood | mid-ebb | mid-flood | mid-ebb         | mid-flood | mid-ebb                | mid-flood |
| Marine Station      |                 |                    |           |           |                |           |           |           |         |           |                 |           |                        |           |
| M_RO1               | 5.5             | surface            | 17.9      | 18.1      | 29.3           | 31.5      | 7.7       | 7.5       | 8.2     | 8.4       | 1.9             | 2.0       | 3.0                    | 4.0       |
|                     |                 | bottom             | 18.1      | 18.3      | 30.0           | 31.5      | 7.7       | 7.6       | 8.2     | 8.3       | 1.6             | 1.3       | 4.0                    | 2.0       |
| KLW                 | 12.7            | surface            | 17.9      | 18.2      | 29.8           | 31.9      | 7.6       | 7.7       | 8.1     | 8.3       | 1.3             | 1.4       | 5.0                    | 3.0       |
|                     |                 | middle             | 18.2      | 18.3      | 29.9           | 31.9      | 7.6       | 7.6       | 8.2     | 8.4       | 1.9             | 1.9       | <2                     | <2        |
|                     |                 | bottom             | 18.3      | 18.4      | 29.9           | 31.9      | 8.0       | 7.6       | 8.1     | 8.2       | 2.0             | 1.5       | <2                     | 3.0       |
| M_A                 | 7.8             | surface            | 18.0      | 18.3      | 29.5           | 31.8      | 7.7       | 7.6       | 8.1     | 8.3       | 1.8             | 2.1       | 4.0                    | <2        |
|                     |                 | middle             | 18.3      | 18.5      | 29.6           | 31.8      | 7.7       | 7.5       | 8.2     | 8.3       | 1.8             | 2.1       | 4.0                    | 4.0       |
|                     |                 | bottom             | 18.3      | 18.4      | 29.6           | 32.1      | 7.6       | 7.5       | 8.1     | 8.3       | 1.3             | 2.0       | 3.0                    | <2        |
| M_Marsh             | 8.0             | surface            | 18.3      | 18.2      | 29.7           | 31.9      | 7.7       | 7.5       | 8.1     | 8.3       | 1.5             | 2.1       | 3.0                    | <2        |
|                     |                 | middle             | 18.3      | 18.4      | 29.6           | 31.9      | 7.6       | 7.7       | 8.1     | 8.3       | 2.1             | 1.6       | 5.0                    | 4.0       |
|                     |                 | bottom             | 18.3      | 18.2      | 29.8           | 31.9      | 7.7       | 7.5       | 8.1     | 8.2       | 1.3             | 2.1       | <2                     | <2        |
| TTC                 | 9.6             | surface            | 18.0      | 17.9      | 29.6           | 31.5      | 7.6       | 7.5       | 8.0     | 8.3       | 1.6             | 1.8       | 4.0                    | 3.0       |
|                     |                 | middle             | 18.2      | 18.1      | 29.9           | 31.9      | 7.6       | 7.5       | 8.1     | 8.3       | 1.8             | 1.8       | 3.0                    | <2        |
|                     |                 | bottom             | 18.2      | 18.2      | 30.0           | 31.8      | 7.6       | 7.7       | 8.1     | 8.3       | 2.3             | 1.4       | 4.0                    | <2        |
| M_BP                | 8.2             | surface            | 18.1      | 17.9      | 30.0           | 32.1      | 7.7       | 7.7       | 8.1     | 8.2       | 1.4             | 2.0       | 5.0                    | 3.0       |
|                     |                 | middle             | 18.2      | 18.1      | 30.1           | 32.1      | 7.6       | 7.7       | 8.1     | 8.3       | 1.9             | 1.5       | 3.0                    | <2        |
|                     |                 | bottom             | 18.1      | 18.2      | 30.1           | 32.3      | 7.8       | 7.7       | 8.2     | 8.4       | 1.3             | 2.1       | 3.0                    | <2        |
| M_Coral             | 8.3             | surface            | 18.2      | 18.1      | 30.1           | 32.2      | 7.7       | 7.5       | 8.1     | 8.4       | 1.5             | 1.6       | 4.0                    | 3.0       |
|                     |                 | middle             | 18.2      | 18.1      | 30.2           | 32.3      | 7.6       | 7.7       | 8.2     | 8.4       | 1.6             | 1.9       | 4.0                    | 2.0       |
|                     |                 | bottom             | 18.2      | 18.1      | 30.1           | 32.4      | 7.7       | 7.6       | 8.2     | 8.3       | 1.8             | 2.1       | 4.0                    | 4.0       |
| M_B                 | 17.0            | surface            | 18.0      | 17.8      | 30.3           | 32.0      | 7.8       | 7.8       | 8.1     | 8.4       | 1.3             | 1.2       | 3.0                    | 2.0       |
|                     |                 | middle             | 18.1      | 17.9      | 30.4           | 32.2      | 7.8       | 7.8       | 8.1     | 8.4       | 1.1             | 1.2       | <2                     | 2.0       |
|                     |                 | bottom             | 18.2      | 18.1      | 30.3           | 32.3      | 7.6       | 7.6       | 8.1     | 8.4       | 1.1             | 1.2       | 2.0                    | 5.0       |
| KS                  | 12.9            | surface            | 18.1      | 18.1      | 30.1           | 32.2      | 7.7       | 7.6       | 8.2     | 8.4       | 2.3             | 1.2       | 4.0                    | <2        |
|                     |                 | middle             | 18.3      | 18.2      | 30.1           | 32.5      | 7.6       | 7.8       | 8.1     | 8.3       | 1.3             | 1.4       | <2                     | 2.0       |
|                     |                 | bottom             | 18.3      | 18.2      | 30.4           | 32.4      | 7.5       | 7.5       | 8.2     | 8.4       | 1.5             | 1.7       | 3.0                    | <2        |
| Fresh water station |                 |                    | Temp (°C) |           | Salinity (ppt) |           | DO (mg/L) |           | pH      |           | Turbidity (NTU) |           | Suspended solid (mg/L) |           |
| FU A                | -               |                    | 14.1      |           | <0.1           |           | 10.1      |           | 7.2     |           | 3.4             |           | 3.0                    |           |
| FD A                | -               |                    | 14.4      |           | <0.1           |           | 10.0      |           | 7.1     |           | 3.9             |           | 3.0                    |           |
| FU B                | -               |                    | 14.6      |           | <0.1           |           | 9.6       |           | 7.2     |           | 4.1             |           | <2                     |           |
| FD B                | -               |                    | 14.3      |           | <0.1           |           | 9.7       |           | 7.0     |           | 4.0             |           | <2                     |           |
| FU C                | -               |                    | 14.1      |           | <0.1           |           | 9.6       |           | 7.1     |           | 3.7             |           | 2.0                    |           |
| FD C                | -               |                    | 14.2      |           | <0.1           |           | 9.7       |           | 7.0     |           | 3.9             |           | <2                     |           |
| F Inland M          | -               |                    | 15.1      |           | <0.1           |           | 9.7       |           | 7.5     |           | 4.6             |           | <2                     |           |