

| Location | Date     | Weather | Sea Condi | Tidal   | Water Leve | Depth (m) | Time  | DO (mg/L) | pH   | Sal (ppt) | Temp (?) | Turbidty (N | Current Ve | Current Dir | Remark |
|----------|----------|---------|-----------|---------|------------|-----------|-------|-----------|------|-----------|----------|-------------|------------|-------------|--------|
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:07 | 8.34      | 8.27 | 31.88     | 20.01    | 6.21        | 0.293      | SE          | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:07 | 8.44      | 8.24 | 32.08     | 20.04    | 5.94        | 0.301      | SE          | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 10.4      | 15:06 | 8.46      | 8.21 | 31.74     | 20.09    | 5.97        | 0.289      | SE          | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 10.4      | 15:06 | 8.54      | 8.27 | 32.05     | 20.05    | 5.87        | 0.269      | E           | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 19.8      | 15:05 | 8.5       | 8.27 | 31.82     | 20.04    | 6.65        | 0.293      | SE          | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 19.8      | 15:05 | 8.55      | 8.21 | 32.03     | 20.09    | 6.25        | 0.288      | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 16:12 | 8.78      | 8.2  | 31.86     | 20.24    | 4.94        | 0.267      | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 16:12 | 8.82      | 8.22 | 31.76     | 20.16    | 4.9         | 0.269      | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 11.35     | 16:11 | 8.9       | 8.27 | 31.87     | 20.23    | 5.64        | 0.271      | E           | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 11.35     | 16:11 | 8.93      | 8.29 | 31.83     | 20.22    | 5.38        | 0.293      | E           | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 21.7      | 16:10 | 8.83      | 8.2  | 31.77     | 20.19    | 5.8         | 0.279      | E           | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 21.7      | 16:10 | 8.88      | 8.2  | 31.72     | 20.24    | 5.43        | 0.286      | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:39 | 8.39      | 8.24 | 31.48     | 20.38    | 5.34        | 0.28       | E           | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:39 | 8.42      | 8.2  | 31.38     | 20.28    | 5.44        | 0.264      | E           | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 3.2       | 15:38 | 8.5       | 8.25 | 31.58     | 20.28    | 5.13        | 0.275      | E           | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 3.2       | 15:38 | 8.6       | 8.24 | 31.55     | 20.31    | 5.22        | 0.28       | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 5.4       | 15:37 | 8.43      | 8.23 | 31.66     | 20.29    | 5.33        | 0.294      | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 5.4       | 15:37 | 8.45      | 8.19 | 31.37     | 20.32    | 5.31        | 0.301      | E           | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:22 | 8.31      | 8.26 | 31.35     | 20.15    | 3.8         | 0.301      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:22 | 8.36      | 8.21 | 31.57     | 20.15    | 3.96        | 0.277      | E           | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 6.8       | 15:21 | 8.21      | 8.18 | 31.59     | 20.04    | 3.95        | 0.29       | E           | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 6.8       | 15:21 | 8.21      | 8.25 | 31.57     | 20.08    | 3.84        | 0.279      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 12.6      | 15:20 | 8.16      | 8.25 | 31.46     | 20.15    | 3.78        | 0.301      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 12.6      | 15:20 | 8.21      | 8.18 | 31.37     | 20.06    | 4.1         | 0.285      | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:56 | 9.03      | 8.31 | 31.42     | 20.39    | 4.98        | 0.272      | E           | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 15:56 | 9.05      | 8.37 | 31.38     | 20.30    | 5.07        | 0.301      | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 3.65      | 15:55 | 8.94      | 8.31 | 31.29     | 20.31    | 5.13        | 0.301      | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Middle     | 3.65      | 15:55 | 9.03      | 8.32 | 31.09     | 20.32    | 5.14        | 0.267      | E           | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 6.3       | 15:54 | 9.12      | 8.32 | 31.40     | 20.34    | 4.73        | 0.294      | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 6.3       | 15:54 | 9.12      | 8.32 | 31.24     | 20.38    | 4.88        | 0.283      | SE          | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 16:43 | 8.7       | 8.23 | 31.62     | 20.27    | 4.59        | 0.289      | SE          | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Surface    | 1         | 16:43 | 8.89      | 8.29 | 31.63     | 20.26    | 4.75        | 0.28       | E           | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 4.1       | 16:42 | 8.76      | 8.2  | 31.59     | 20.31    | 4.55        | 0.277      | E           | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Ebb | Bottom     | 4.1       | 16:42 | 8.89      | 8.21 | 31.42     | 20.31    | 4.49        | 0.293      | SE          | /      |

| Location | Date     | Weather | Sea Condi | Tidal     | Water Leve | Depth (m) | Time  | DO (mg/L) | pH   | Sal (ppt) | Temp (?) | Turbidty (N | Current Ve | Current Dir | Remark |
|----------|----------|---------|-----------|-----------|------------|-----------|-------|-----------|------|-----------|----------|-------------|------------|-------------|--------|
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 10:20 | 8.69      | 8.24 | 31.37     | 20.09    | 5.67        | 0.269      | SE          | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 10:20 | 8.53      | 8.29 | 31.50     | 20.17    | 5.42        | 0.303      | E           | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 10.8      | 10:19 | 8.74      | 8.22 | 31.28     | 20.11    | 5.76        | 0.301      | E           | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 10.8      | 10:19 | 8.67      | 8.27 | 31.37     | 20.10    | 5.85        | 0.278      | SE          | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 20.6      | 10:18 | 8.62      | 8.23 | 31.31     | 20.08    | 5.44        | 0.269      | E           | /      |
| C1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 20.6      | 10:18 | 8.53      | 8.25 | 31.45     | 20.16    | 5.9         | 0.285      | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 9:09  | 8.7       | 8.22 | 31.12     | 19.90    | 5.58        | 0.29       | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 9:09  | 8.59      | 8.25 | 31.13     | 19.95    | 5.98        | 0.297      | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 12.65     | 9:08  | 8.48      | 8.26 | 31.11     | 19.97    | 6.02        | 0.278      | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 12.65     | 9:08  | 8.63      | 8.26 | 30.99     | 19.89    | 6.26        | 0.283      | SE          | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 24.3      | 9:07  | 8.68      | 8.23 | 31.08     | 19.90    | 6.67        | 0.263      | E           | /      |
| C2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 24.3      | 9:07  | 8.7       | 8.26 | 31.06     | 19.93    | 6.54        | 0.268      | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 9:45  | 8.89      | 8.34 | 32.25     | 20.02    | 4.15        | 0.278      | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 9:45  | 8.97      | 8.35 | 32.36     | 20.01    | 4.08        | 0.268      | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 3.5       | 9:44  | 8.8       | 8.34 | 32.14     | 20.08    | 3.98        | 0.307      | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 3.5       | 9:44  | 8.9       | 8.2  | 32.33     | 19.99    | 4.13        | 0.281      | E           | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 6         | 9:43  | 8.94      | 8.29 | 32.17     | 20.05    | 3.66        | 0.288      | SE          | /      |
| M1       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 6         | 9:43  | 8.83      | 8.2  | 32.36     | 20.03    | 3.74        | 0.265      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 10:02 | 9.02      | 8.34 | 31.00     | 20.00    | 3.9         | 0.271      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 10:02 | 9.03      | 8.34 | 31.23     | 20.03    | 3.99        | 0.266      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 6.35      | 10:01 | 8.9       | 8.33 | 31.14     | 19.97    | 4.06        | 0.273      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 6.35      | 10:01 | 8.93      | 8.22 | 31.11     | 20.02    | 3.79        | 0.296      | E           | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 11.7      | 10:00 | 9.02      | 8.34 | 31.13     | 20.03    | 3.86        | 0.288      | SE          | /      |
| M2       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 11.7      | 10:00 | 8.96      | 8.2  | 31.01     | 20.01    | 3.85        | 0.305      | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 9:27  | 8.24      | 8.3  | 31.61     | 19.94    | 4.79        | 0.278      | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 9:27  | 8.39      | 8.32 | 31.78     | 19.87    | 4.78        | 0.293      | E           | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 3.95      | 9:26  | 8.36      | 8.32 | 31.69     | 19.83    | 5.04        | 0.31       | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Middle     | 3.95      | 9:26  | 8.23      | 8.2  | 31.56     | 19.90    | 5.1         | 0.265      | SE          | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 6.9       | 9:25  | 8.22      | 8.35 | 31.66     | 19.94    | 4.68        | 0.293      | E           | /      |
| M3       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 6.9       | 9:25  | 8.19      | 8.2  | 31.68     | 19.83    | 4.7         | 0.3        | SE          | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 10:39 | 8.58      | 8.2  | 31.22     | 19.96    | 4.97        | 0.279      | SE          | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Surface    | 1         | 10:39 | 8.73      | 8.21 | 31.08     | 19.95    | 5.12        | 0.266      | E           | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 3.8       | 10:38 | 8.59      | 8.22 | 31.15     | 19.91    | 4.75        | 0.284      | SE          | /      |
| M4       | 20230127 | Cloudy  | Moderate  | Mid-Flood | Bottom     | 3.8       | 10:38 | 8.58      | 8.25 | 31.10     | 19.96    | 5.15        | 0.273      | SE          | /      |