

| 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       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 15:38 | 8.31      | 8.29 | 32.02     | 22.60    | 4.02        | 0.265      | SE          | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 15:38 | 8.19      | 8.33 | 32.07     | 22.55    | 3.68        | 0.28       | E           | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 10.7      | 15:37 | 8.19      | 8.3  | 32.11     | 22.61    | 3.97        | 0.299      | SE          | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 10.7      | 15:37 | 8.21      | 8.3  | 31.90     | 22.60    | 3.87        | 0.299      | E           | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 20.4      | 15:36 | 8.32      | 8.29 | 32.02     | 22.45    | 3.86        | 0.287      | E           | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 20.4      | 15:36 | 8.21      | 8.33 | 32.11     | 22.43    | 3.92        | 0.277      | SE          | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 16:44 | 8.32      | 8.17 | 33.26     | 22.47    | 3.38        | 0.282      | SE          | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 16:44 | 8.32      | 8.18 | 33.24     | 22.50    | 3.49        | 0.275      | E           | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 10.95     | 16:43 | 8.32      | 8.19 | 33.27     | 22.56    | 3.16        | 0.263      | E           | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 10.95     | 16:43 | 8.33      | 8.23 | 33.25     | 22.55    | 3.3         | 0.289      | SE          | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 20.9      | 16:42 | 8.3       | 8.2  | 33.33     | 22.46    | 3.22        | 0.264      | E           | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 20.9      | 16:42 | 8.17      | 8.22 | 33.19     | 22.51    | 3.33        | 0.282      | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 16:11 | 8.22      | 8.26 | 32.99     | 22.67    | 2.72        | 0.285      | E           | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 16:11 | 8.31      | 8.26 | 32.83     | 22.75    | 2.74        | 0.3        | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 3.5       | 16:10 | 8.33      | 8.3  | 32.80     | 22.59    | 2.71        | 0.279      | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 3.5       | 16:10 | 8.39      | 8.32 | 32.91     | 22.75    | 3.05        | 0.263      | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 6         | 16:09 | 8.35      | 8.29 | 32.81     | 22.60    | 3.01        | 0.292      | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 6         | 16:09 | 8.33      | 8.31 | 32.98     | 22.68    | 3.09        | 0.28       | SE          | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 15:53 | 8.29      | 8.16 | 32.74     | 22.53    | 3           | 0.276      | E           | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 15:53 | 8.36      | 8.16 | 32.77     | 22.46    | 2.75        | 0.298      | E           | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 6.95      | 15:52 | 8.37      | 8.17 | 32.73     | 22.55    | 2.77        | 0.295      | E           | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 6.95      | 15:52 | 8.26      | 8.2  | 32.83     | 22.44    | 2.95        | 0.286      | SE          | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 12.9      | 15:51 | 8.35      | 8.19 | 32.71     | 22.51    | 2.63        | 0.295      | SE          | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 12.9      | 15:51 | 8.36      | 8.19 | 32.89     | 22.44    | 2.55        | 0.275      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 16:26 | 9.14      | 8.19 | 32.02     | 22.71    | 2.9         | 0.274      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 16:26 | 9.06      | 8.21 | 32.20     | 22.63    | 2.71        | 0.282      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 3.2       | 16:25 | 9.07      | 8.16 | 32.16     | 22.81    | 2.75        | 0.283      | SE          | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Middle     | 3.2       | 16:25 | 8.96      | 8.2  | 32.25     | 22.78    | 2.96        | 0.292      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 5.4       | 16:24 | 9.04      | 8.2  | 32.15     | 22.76    | 3.13        | 0.278      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 5.4       | 16:24 | 9.13      | 8.23 | 32.26     | 22.76    | 2.74        | 0.269      | E           | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 17:18 | 8.74      | 8.23 | 33.00     | 22.48    | 3.22        | 0.3        | E           | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Surface    | 1         | 17:18 | 8.68      | 8.3  | 32.90     | 22.40    | 3           | 0.281      | E           | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 4.3       | 17:17 | 8.7       | 8.24 | 32.85     | 22.47    | 3.36        | 0.292      | E           | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Ebb | Bottom     | 4.3       | 17:17 | 8.75      | 8.25 | 33.05     | 22.37    | 3.36        | 0.275      | 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       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 9:05 | 9.07      | 8.21 | 32.55     | 22.45    | 3.35        | 0.302      | SE          | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 9:05 | 9.06      | 8.22 | 32.59     | 22.43    | 3.65        | 0.269      | SE          | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 9.7       | 9:04 | 9.12      | 8.26 | 32.53     | 22.52    | 3.16        | 0.266      | E           | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 9.7       | 9:04 | 9.09      | 8.19 | 32.73     | 22.57    | 3.3         | 0.311      | E           | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 18.4      | 9:03 | 9.01      | 8.25 | 32.48     | 22.47    | 3.49        | 0.305      | E           | /      |
| C1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 18.4      | 9:03 | 9.1       | 8.18 | 32.90     | 22.43    | 3.69        | 0.306      | E           | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:02 | 8.62      | 8.28 | 32.91     | 22.66    | 3.82        | 0.301      | E           | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:02 | 8.59      | 8.22 | 32.81     | 22.73    | 3.95        | 0.303      | SE          | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 12.9      | 8:01 | 8.54      | 8.26 | 32.78     | 22.68    | 3.99        | 0.273      | SE          | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 12.9      | 8:01 | 8.51      | 8.25 | 32.81     | 22.78    | 4.04        | 0.308      | SE          | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 24.8      | 8:00 | 8.54      | 8.25 | 32.91     | 22.73    | 3.98        | 0.301      | SE          | /      |
| C2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 24.8      | 8:00 | 8.6       | 8.24 | 32.90     | 22.79    | 4.13        | 0.303      | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:32 | 8.55      | 8.32 | 32.93     | 22.46    | 2.99        | 0.288      | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:32 | 8.64      | 8.29 | 33.01     | 22.42    | 3.39        | 0.288      | E           | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 3.2       | 8:31 | 8.66      | 8.29 | 32.99     | 22.41    | 3.16        | 0.266      | E           | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 3.2       | 8:31 | 8.58      | 8.35 | 33.06     | 22.44    | 3.21        | 0.302      | SE          | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 5.4       | 8:30 | 8.63      | 8.3  | 32.98     | 22.43    | 2.93        | 0.271      | E           | /      |
| M1       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 5.4       | 8:30 | 8.69      | 8.35 | 32.92     | 22.46    | 3.38        | 0.271      | SE          | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:48 | 9         | 8.29 | 32.31     | 22.63    | 2.53        | 0.286      | E           | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:48 | 9         | 8.32 | 32.44     | 22.71    | 2.13        | 0.282      | E           | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 5.8       | 8:47 | 8.98      | 8.31 | 32.50     | 22.66    | 2.23        | 0.291      | SE          | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 5.8       | 8:47 | 9         | 8.31 | 32.43     | 22.59    | 2.57        | 0.288      | SE          | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 10.6      | 8:46 | 8.98      | 8.3  | 32.34     | 22.67    | 2.52        | 0.304      | SE          | /      |
| M2       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 10.6      | 8:46 | 9.03      | 8.34 | 32.51     | 22.65    | 2.11        | 0.309      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:17 | 8.25      | 8.26 | 32.41     | 22.73    | 2.55        | 0.301      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 8:17 | 8.32      | 8.32 | 32.55     | 22.68    | 2.92        | 0.272      | SE          | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 4.05      | 8:16 | 8.31      | 8.31 | 32.45     | 22.73    | 2.55        | 0.301      | SE          | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Flood | Middle     | 4.05      | 8:16 | 8.41      | 8.31 | 32.54     | 22.63    | 2.79        | 0.298      | SE          | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 7.1       | 8:15 | 8.29      | 8.29 | 32.35     | 22.67    | 2.75        | 0.307      | E           | /      |
| M3       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 7.1       | 8:15 | 8.26      | 8.28 | 32.50     | 22.78    | 3.08        | 0.308      | SE          | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 9:35 | 8.68      | 8.19 | 31.99     | 22.55    | 2.25        | 0.271      | SE          | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 9:35 | 8.62      | 8.21 | 32.00     | 22.51    | 2.26        | 0.264      | E           | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 3.6       | 9:34 | 8.71      | 8.21 | 31.90     | 22.48    | 2.37        | 0.277      | E           | /      |
| M4       | 20230414 | Sunny   | Moderate  | Mid-Flood | Bottom     | 3.6       | 9:34 | 8.61      | 8.22 | 31.91     | 22.46    | 2.55        | 0.304      | SE          | /      |