

| Location | Date     | Weather | Sea Condition | Tidal   | Water Level | Depth (m) | Time  | DO (mg/L) | pH   | Sal (ppt) | Temp (°C) | Turbidity (NTU) | Current Velocity (m/s) | Current Direction | Remark |
|----------|----------|---------|---------------|---------|-------------|-----------|-------|-----------|------|-----------|-----------|-----------------|------------------------|-------------------|--------|
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 12:47 | 8.44      | 8.29 | 32.37     | 26.15     | 3.95            | 0.267                  | SE                | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 12:47 | 8.63      | 8.32 | 31.98     | 26.18     | 3.85            | 0.297                  | E                 | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 9.85      | 12:46 | 8.45      | 8.29 | 32.02     | 26.21     | 3.82            | 0.279                  | SE                | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 9.85      | 12:46 | 8.5       | 8.31 | 32.17     | 26.15     | 3.77            | 0.3                    | E                 | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 18.7      | 12:45 | 8.53      | 8.3  | 32.51     | 26.14     | 4.23            | 0.263                  | SE                | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 18.7      | 12:45 | 8.56      | 8.33 | 32.55     | 26.12     | 4.29            | 0.275                  | SE                | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:41 | 8.68      | 8.2  | 31.59     | 25.91     | 2.93            | 0.298                  | E                 | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:41 | 8.67      | 8.15 | 31.72     | 25.94     | 3.12            | 0.274                  | E                 | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 12.65     | 13:40 | 8.63      | 8.16 | 32.19     | 25.93     | 3.47            | 0.294                  | E                 | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 12.65     | 13:40 | 8.79      | 8.16 | 32.25     | 25.85     | 3.19            | 0.288                  | SE                | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 24.3      | 13:39 | 8.66      | 8.2  | 32.72     | 25.83     | 3.79            | 0.292                  | SE                | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 24.3      | 13:39 | 8.63      | 8.15 | 32.46     | 25.88     | 3.45            | 0.273                  | SE                | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:13 | 9.18      | 8.15 | 32.01     | 25.85     | 3.2             | 0.293                  | E                 | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:13 | 9.19      | 8.16 | 33.24     | 25.80     | 3.39            | 0.277                  | SE                | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 3.4       | 13:12 | 9.23      | 8.2  | 32.25     | 25.89     | 3.19            | 0.286                  | SE                | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 3.4       | 13:12 | 9.23      | 8.23 | 32.34     | 25.79     | 3.26            | 0.263                  | SE                | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 5.8       | 13:11 | 9.24      | 8.2  | 32.07     | 25.80     | 3.46            | 0.263                  | E                 | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 5.8       | 13:11 | 9.19      | 8.21 | 32.29     | 25.91     | 3.22            | 0.292                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:01 | 8.87      | 8.23 | 33.47     | 26.17     | 2.91            | 0.283                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:01 | 8.7       | 8.25 | 33.22     | 26.14     | 2.7             | 0.3                    | E                 | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 5.95      | 13:00 | 8.76      | 8.21 | 32.61     | 26.10     | 2.53            | 0.285                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 5.95      | 13:00 | 8.64      | 8.28 | 32.94     | 26.13     | 2.51            | 0.269                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 10.9      | 12:59 | 8.67      | 8.23 | 33.18     | 26.15     | 2.72            | 0.275                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 10.9      | 12:59 | 8.71      | 8.25 | 33.36     | 26.15     | 2.75            | 0.269                  | E                 | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:26 | 8.68      | 8.29 | 31.60     | 26.04     | 3               | 0.287                  | SE                | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 13:26 | 8.68      | 8.33 | 32.24     | 26.04     | 3.01            | 0.272                  | SE                | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 3.2       | 13:25 | 8.66      | 8.25 | 31.50     | 25.96     | 3.18            | 0.276                  | SE                | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Middle      | 3.2       | 13:25 | 8.75      | 8.28 | 31.54     | 25.94     | 3.04            | 0.282                  | SE                | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 5.4       | 13:24 | 8.76      | 8.26 | 32.05     | 25.96     | 2.8             | 0.294                  | SE                | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 5.4       | 13:24 | 8.6       | 8.34 | 32.60     | 26.00     | 2.99            | 0.295                  | E                 | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 14:13 | 8.56      | 8.15 | 32.42     | 26.07     | 2.64            | 0.299                  | SE                | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Surface     | 1         | 14:13 | 8.55      | 8.21 | 32.36     | 25.96     | 2.76            | 0.274                  | E                 | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 4.4       | 14:12 | 8.63      | 8.19 | 32.17     | 25.97     | 2.51            | 0.266                  | SE                | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Ebb | Bottom      | 4.4       | 14:12 | 8.66      | 8.19 | 32.11     | 25.96     | 2.58            | 0.272                  | SE                | /      |

| Location | Date     | Weather | Sea Condition | Tidal     | Water Level | Depth (m) | Time | DO (mg/L) | pH   | Sal (ppt) | Temp (°C) | Turbidity (NTU) | Current Velocity (m/s) | Current Direction | Remark |
|----------|----------|---------|---------------|-----------|-------------|-----------|------|-----------|------|-----------|-----------|-----------------|------------------------|-------------------|--------|
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 9:13 | 8.81      | 8.3  | 34.18     | 26.07     | 3.48            | 0.306                  | E                 | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 9:13 | 8.84      | 8.39 | 33.65     | 26.03     | 3.43            | 0.264                  | SE                | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 9.9       | 9:12 | 8.78      | 8.36 | 32.96     | 26.06     | 3.41            | 0.296                  | SE                | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 9.9       | 9:12 | 8.66      | 8.39 | 32.97     | 26.09     | 3.5             | 0.301                  | E                 | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 18.8      | 9:11 | 8.84      | 8.32 | 33.03     | 26.06     | 3.19            | 0.278                  | SE                | /      |
| C1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 18.8      | 9:11 | 8.66      | 8.38 | 33.93     | 26.10     | 3.38            | 0.297                  | SE                | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:14 | 8.96      | 8.28 | 33.72     | 25.94     | 3.68            | 0.306                  | E                 | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:14 | 9.09      | 8.3  | 32.82     | 25.86     | 3.79            | 0.277                  | E                 | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 11.25     | 8:13 | 9.12      | 8.28 | 32.97     | 25.90     | 4.02            | 0.296                  | SE                | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 11.25     | 8:13 | 9.14      | 8.31 | 33.77     | 25.96     | 3.68            | 0.279                  | SE                | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 21.5      | 8:12 | 9.18      | 8.31 | 32.80     | 25.91     | 3.88            | 0.304                  | SE                | /      |
| C2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 21.5      | 8:12 | 8.95      | 8.33 | 33.09     | 25.94     | 3.87            | 0.294                  | E                 | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:38 | 8.73      | 8.27 | 32.23     | 25.80     | 2.93            | 0.276                  | E                 | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:38 | 8.68      | 8.31 | 32.35     | 25.89     | 2.86            | 0.3                    | SE                | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 3.35      | 8:37 | 8.73      | 8.32 | 31.84     | 25.86     | 2.45            | 0.263                  | E                 | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 3.35      | 8:37 | 8.51      | 8.35 | 32.78     | 25.80     | 2.86            | 0.292                  | SE                | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 5.7       | 8:36 | 8.58      | 8.36 | 32.55     | 25.81     | 2.52            | 0.272                  | E                 | /      |
| M1       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 5.7       | 8:36 | 8.59      | 8.36 | 32.35     | 25.88     | 2.77            | 0.311                  | E                 | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:53 | 8.89      | 8.31 | 31.69     | 25.86     | 3.15            | 0.31                   | E                 | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:53 | 8.97      | 8.32 | 32.59     | 25.90     | 2.81            | 0.267                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 6.05      | 8:52 | 8.81      | 8.31 | 32.45     | 25.78     | 3.17            | 0.294                  | E                 | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 6.05      | 8:52 | 8.77      | 8.33 | 32.16     | 25.83     | 3.1             | 0.305                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 11.1      | 8:51 | 8.88      | 8.3  | 32.56     | 25.84     | 2.99            | 0.301                  | SE                | /      |
| M2       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 11.1      | 8:51 | 8.84      | 8.32 | 32.71     | 25.85     | 3.17            | 0.297                  | SE                | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:26 | 8.43      | 8.22 | 33.00     | 25.82     | 2.44            | 0.269                  | E                 | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 8:26 | 8.34      | 8.23 | 32.49     | 25.86     | 2.2             | 0.276                  | E                 | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 3.6       | 8:25 | 8.55      | 8.26 | 32.91     | 25.83     | 2.27            | 0.281                  | SE                | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Middle      | 3.6       | 8:25 | 8.36      | 8.19 | 33.31     | 25.87     | 2.1             | 0.264                  | E                 | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 6.2       | 8:24 | 8.3       | 8.23 | 33.16     | 25.85     | 2.1             | 0.308                  | E                 | /      |
| M3       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 6.2       | 8:24 | 8.5       | 8.23 | 32.56     | 25.84     | 2.49            | 0.279                  | E                 | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 9:35 | 8.29      | 8.26 | 31.94     | 25.97     | 2.95            | 0.292                  | E                 | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Surface     | 1         | 9:35 | 8.08      | 8.21 | 32.21     | 25.95     | 2.94            | 0.278                  | SE                | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 4.7       | 9:34 | 8.15      | 8.21 | 31.24     | 26.00     | 3.12            | 0.281                  | SE                | /      |
| M4       | 20231102 | Cloudy  | Moderate      | Mid-Flood | Bottom      | 4.7       | 9:34 | 8.2       | 8.23 | 31.57     | 26.01     | 3.07            | 0.308                  | SE                | /      |