

| Location | Date     | Weather | Sea Condi | Tidal   | Water Level | Depth (m) | Time  | DO (mg/L) | pH   | Sal (ppt) | Temp (?) | Turbidity (N | Current Ve | Current Dir | Remark |
|----------|----------|---------|-----------|---------|-------------|-----------|-------|-----------|------|-----------|----------|--------------|------------|-------------|--------|
| C1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 11:44 | 8.47      | 8.2  | 34.60     | 20.19    | 3.26         | 0.274      | E           | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 11:44 | 8.38      | 8.27 | 34.72     | 20.41    | 3.19         | 0.281      | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 11.5      | 11:43 | 8.38      | 8.29 | 34.61     | 20.31    | 3.48         | 0.295      | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 11.5      | 11:43 | 8.39      | 8.26 | 34.76     | 20.27    | 3.33         | 0.282      | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 22        | 11:42 | 8.34      | 8.26 | 34.70     | 20.14    | 3.58         | 0.296      | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 22        | 11:42 | 8.4       | 8.27 | 34.74     | 20.24    | 3.47         | 0.283      | E           | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:38 | 8.97      | 8.27 | 35.99     | 20.31    | 2.72         | 0.299      | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:38 | 9.06      | 8.32 | 35.95     | 20.29    | 2.51         | 0.3        | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 11.1      | 12:37 | 8.93      | 8.27 | 35.85     | 20.26    | 2.58         | 0.283      | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 11.1      | 12:37 | 9.06      | 8.32 | 35.86     | 20.37    | 2.57         | 0.278      | E           | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 21.2      | 12:36 | 9.04      | 8.32 | 35.83     | 20.22    | 2.79         | 0.274      | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 21.2      | 12:36 | 9         | 8.29 | 35.80     | 20.26    | 2.91         | 0.263      | SE          | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:13 | 8.87      | 8.25 | 35.40     | 20.44    | 2.27         | 0.296      | E           | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:13 | 8.88      | 8.2  | 35.36     | 20.46    | 2.38         | 0.275      | E           | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 3.5       | 12:12 | 8.76      | 8.21 | 35.53     | 20.48    | 2.28         | 0.297      | SE          | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 3.5       | 12:12 | 8.86      | 8.29 | 35.35     | 20.31    | 2.25         | 0.263      | SE          | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 6         | 12:11 | 8.73      | 8.28 | 35.46     | 20.35    | 1.97         | 0.266      | E           | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 6         | 12:11 | 8.74      | 8.21 | 35.35     | 20.32    | 2.12         | 0.271      | E           | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 11:59 | 8.72      | 8.28 | 34.59     | 20.16    | 2.77         | 0.263      | E           | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 11:59 | 8.62      | 8.24 | 34.44     | 20.13    | 2.9          | 0.267      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 5.95      | 11:58 | 8.69      | 8.29 | 34.60     | 20.03    | 2.92         | 0.293      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 5.95      | 11:58 | 8.68      | 8.21 | 34.46     | 20.01    | 2.88         | 0.289      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 10.9      | 11:57 | 8.62      | 8.28 | 34.60     | 20.12    | 2.65         | 0.286      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 10.9      | 11:57 | 8.75      | 8.25 | 34.59     | 20.02    | 2.99         | 0.278      | E           | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:26 | 8.82      | 8.31 | 35.94     | 20.23    | 1.97         | 0.292      | SE          | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:26 | 8.7       | 8.3  | 35.83     | 20.32    | 2.12         | 0.278      | E           | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 3.9       | 12:25 | 8.7       | 8.26 | 35.80     | 20.42    | 2.18         | 0.264      | E           | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Middle      | 3.9       | 12:25 | 8.71      | 8.26 | 35.93     | 20.30    | 2.44         | 0.28       | E           | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 6.8       | 12:24 | 8.79      | 8.26 | 35.93     | 20.47    | 2.37         | 0.265      | SE          | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 6.8       | 12:24 | 8.73      | 8.26 | 35.79     | 20.45    | 2.05         | 0.265      | SE          | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:56 | 8.8       | 8.32 | 35.72     | 20.24    | 2.33         | 0.292      | SE          | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Surface     | 1         | 12:56 | 8.83      | 8.34 | 35.75     | 20.17    | 2.25         | 0.291      | E           | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 3.7       | 12:55 | 8.8       | 8.28 | 35.62     | 20.25    | 2.63         | 0.295      | SE          | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Ebb | Bottom      | 3.7       | 12:55 | 8.92      | 8.3  | 35.74     | 20.22    | 2.48         | 0.295      | 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       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:34 | 8.48      | 8.31 | 34.69     | 20.46    | 2.89        | 0.285      | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:34 | 8.69      | 8.37 | 34.68     | 20.38    | 3.15        | 0.28       | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 11.75     | 18:33 | 8.46      | 8.28 | 34.77     | 20.52    | 2.74        | 0.289      | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 11.75     | 18:33 | 8.54      | 8.28 | 34.75     | 20.46    | 3.12        | 0.29       | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 22.5      | 18:32 | 8.52      | 8.3  | 34.84     | 20.46    | 2.87        | 0.273      | SE          | /      |
| C1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 22.5      | 18:32 | 8.64      | 8.33 | 34.86     | 20.37    | 2.99        | 0.29       | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 17:42 | 8.9       | 8.36 | 34.88     | 20.44    | 2.91        | 0.285      | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 17:42 | 9.08      | 8.33 | 34.82     | 20.20    | 2.88        | 0.31       | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 10.65     | 17:41 | 9.11      | 8.34 | 34.75     | 20.40    | 3.19        | 0.268      | E           | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 10.65     | 17:41 | 8.95      | 8.28 | 34.81     | 20.35    | 3.06        | 0.267      | E           | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 20.3      | 17:40 | 8.97      | 8.35 | 34.87     | 20.40    | 3.45        | 0.297      | SE          | /      |
| C2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 20.3      | 17:40 | 8.9       | 8.33 | 34.69     | 20.22    | 3.28        | 0.29       | SE          | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:11 | 8.67      | 8.37 | 34.36     | 20.14    | 2.06        | 0.298      | SE          | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:11 | 8.58      | 8.33 | 34.23     | 20.10    | 2.33        | 0.31       | E           | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 3.65      | 18:10 | 8.77      | 8.35 | 34.28     | 20.18    | 2.25        | 0.29       | E           | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 3.65      | 18:10 | 8.58      | 8.31 | 34.38     | 20.22    | 2.02        | 0.278      | E           | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 6.3       | 18:09 | 8.61      | 8.34 | 34.27     | 20.18    | 2.48        | 0.302      | SE          | /      |
| M1       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 6.3       | 18:09 | 8.7       | 8.36 | 34.39     | 20.28    | 2.38        | 0.296      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:22 | 8.62      | 8.41 | 34.17     | 20.27    | 1.89        | 0.298      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:22 | 8.51      | 8.34 | 34.18     | 20.36    | 2.02        | 0.303      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 5.85      | 18:21 | 8.76      | 8.32 | 34.09     | 20.30    | 1.94        | 0.264      | E           | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 5.85      | 18:21 | 8.66      | 8.35 | 34.17     | 20.40    | 1.74        | 0.291      | E           | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 10.7      | 18:20 | 8.58      | 8.34 | 33.99     | 20.34    | 1.85        | 0.283      | SE          | /      |
| M2       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 10.7      | 18:20 | 8.68      | 8.36 | 34.07     | 20.49    | 1.88        | 0.303      | SE          | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 17:58 | 9.11      | 8.34 | 34.19     | 20.18    | 2.71        | 0.265      | SE          | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 17:58 | 9.13      | 8.38 | 34.22     | 20.11    | 2.91        | 0.295      | SE          | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 3.25      | 17:57 | 8.94      | 8.34 | 34.27     | 20.21    | 2.43        | 0.266      | E           | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Flood | Middle     | 3.25      | 17:57 | 8.89      | 8.32 | 34.23     | 20.21    | 2.65        | 0.285      | E           | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 5.5       | 17:56 | 9.01      | 8.41 | 34.21     | 20.25    | 2.85        | 0.276      | E           | /      |
| M3       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 5.5       | 17:56 | 9.12      | 8.32 | 34.29     | 20.11    | 2.77        | 0.278      | SE          | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:47 | 9.04      | 8.32 | 34.84     | 20.29    | 2.7         | 0.285      | E           | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Flood | Surface    | 1         | 18:47 | 9.09      | 8.34 | 34.94     | 20.16    | 2.36        | 0.296      | E           | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 4.2       | 18:46 | 8.99      | 8.33 | 34.99     | 20.27    | 2.6         | 0.266      | E           | /      |
| M4       | 20220111 | Sunny   | Moderate  | Mid-Flood | Bottom     | 4.2       | 18:46 | 9.19      | 8.34 | 34.85     | 20.21    | 2.41        | 0.276      | E           | /      |