

| Sampling Date | Tide | Station | Depth | Depth (m) | Current Direction | Current Velocity (m/s) | Water Temp (°C) | Salinity (ppt) | D.O. Saturation (%) | D.O. (mg/L) | Turbidity (NTU) | pH | Suspended Solids |
|---------------|------|---------|-------|-----------|-------------------|------------------------|-----------------|----------------|---------------------|-------------|-----------------|------|------------------|
| 2011/11/04 | ME | DS1 | B | 9.0 | 78.5 | 0.41 | 25.73 | 30.87 | 86.8 | 5.94 | 9.0 | 7.70 | 9 |
| 2011/11/04 | ME | DS1 | B | 9.1 | 115.2 | 0.27 | 25.72 | 30.88 | 86.8 | 5.94 | 8.5 | 7.71 | 6 |
| 2011/11/04 | ME | DS1 | M | 5.3 | 132.5 | 0.51 | 25.87 | 30.53 | 87.7 | 6.00 | 7.3 | 7.70 | 7 |
| 2011/11/04 | ME | DS1 | M | 5.0 | 111.0 | 0.57 | 26.00 | 30.37 | 88.4 | 6.04 | 6.4 | 7.70 | 7 |
| 2011/11/04 | ME | DS1 | T | 0.9 | 105.1 | 0.51 | 26.11 | 29.80 | 90.1 | 6.17 | 3.9 | 7.69 | 5 |
| 2011/11/04 | ME | DS1 | T | 1.0 | 122.7 | 0.73 | 26.15 | 29.85 | 90.2 | 6.17 | 3.7 | 7.70 | 5 |
| 2011/11/04 | ME | DS2 | B | 14.0 | 136.3 | 0.45 | 25.73 | 30.90 | 86.4 | 5.91 | 8.2 | 7.70 | 12 |
| 2011/11/04 | ME | DS2 | B | 14.0 | 9.9 | 0.20 | 25.72 | 30.85 | 86.4 | 5.92 | 9.0 | 7.70 | 12 |
| 2011/11/04 | ME | DS2 | M | 7.5 | 58.7 | 0.30 | 25.74 | 30.67 | 87.2 | 5.98 | 6.7 | 7.69 | 8 |
| 2011/11/04 | ME | DS2 | M | 7.6 | 88.9 | 0.38 | 25.74 | 30.69 | 87.1 | 5.97 | 7.1 | 7.69 | 6 |
| 2011/11/04 | ME | DS2 | T | 1.2 | 147.6 | 0.54 | 26.33 | 29.82 | 89.8 | 6.12 | 4.1 | 7.69 | 4 |
| 2011/11/04 | ME | DS2 | T | 1.5 | 107.3 | 0.57 | 26.27 | 29.98 | 89.7 | 6.12 | 6.0 | 7.69 | 4 |
| 2011/11/04 | ME | DS3 | B | 8.0 | 18.9 | 0.21 | 25.76 | 30.67 | 88.7 | 6.08 | 6.2 | 7.71 | 7 |
| 2011/11/04 | ME | DS3 | B | 8.2 | 331.4 | 0.11 | 25.74 | 30.94 | 85.7 | 5.87 | 10.3 | 7.69 | 9 |
| 2011/11/04 | ME | DS3 | M | 4.7 | 291.3 | 0.08 | 25.85 | 30.48 | 88.2 | 6.04 | 6.4 | 7.69 | 8 |
| 2011/11/04 | ME | DS3 | M | 4.5 | 115.7 | 0.26 | 25.93 | 30.33 | 88.3 | 6.05 | 7.3 | 7.68 | 7 |
| 2011/11/04 | ME | DS3 | T | 1.2 | 109.1 | 0.73 | 26.35 | 29.91 | 90.0 | 6.13 | 4.2 | 7.69 | 4 |
| 2011/11/04 | ME | DS3 | T | 1.0 | 100.6 | 0.25 | 26.32 | 29.83 | 90.0 | 6.14 | 4.4 | 7.68 | 4 |
| 2011/11/04 | ME | DS4 | B | 6.8 | 51.4 | 0.35 | 25.73 | 30.81 | 88.4 | 6.06 | 6.9 | 7.69 | 9 |
| 2011/11/04 | ME | DS4 | B | 7.0 | 113.1 | 0.25 | 25.73 | 30.90 | 86.7 | 5.94 | 8.7 | 7.69 | 7 |
| 2011/11/04 | ME | DS4 | M | 4.1 | 63.9 | 0.52 | 25.74 | 30.36 | 89.0 | 6.11 | 4.6 | 7.68 | 4 |
| 2011/11/04 | ME | DS4 | M | 3.9 | 84.3 | 0.50 | 25.77 | 30.30 | 88.8 | 6.10 | 5.0 | 7.68 | 5 |
| 2011/11/04 | ME | DS4 | T | 1.0 | 97.8 | 0.39 | 26.24 | 29.82 | 90.0 | 6.15 | 3.8 | 7.67 | 5 |
| 2011/11/04 | ME | DS4 | T | 1.2 | 111.5 | 0.51 | 26.32 | 29.90 | 90.1 | 6.14 | 4.0 | 7.67 | 6 |
| 2011/11/04 | ME | DS5 | B | 7.1 | 36.8 | 0.43 | 25.74 | 30.95 | 88.0 | 6.02 | 8.3 | 7.70 | 10 |
| 2011/11/04 | ME | DS5 | B | 7.1 | 49.5 | 0.23 | 25.74 | 30.95 | 86.9 | 5.94 | 8.8 | 7.68 | 27 |
| 2011/11/04 | ME | DS5 | M | 4.0 | 107.0 | 0.40 | 25.73 | 30.87 | 87.3 | 5.97 | 8.2 | 7.69 | 7 |
| 2011/11/04 | ME | DS5 | M | 4.1 | 111.4 | 0.73 | 25.73 | 30.75 | 87.3 | 5.98 | 7.3 | 7.68 | 6 |
| 2011/11/04 | ME | DS5 | T | 1.0 | 93.9 | 0.53 | 25.73 | 30.10 | 91.6 | 6.30 | 3.5 | 7.68 | 12 |
| 2011/11/04 | ME | DS5 | T | 1.1 | 84.9 | 0.55 | 25.73 | 30.19 | 90.6 | 6.22 | 4.0 | 7.68 | 5 |
| 2011/11/04 | ME | MW1 | B | 20.1 | 290.9 | 0.10 | 25.70 | 32.11 | 85.4 | 5.81 | 3.6 | 7.68 | 4 |
| 2011/11/04 | ME | MW1 | B | 20.0 | 25.5 | 0.19 | 25.69 | 32.05 | 85.3 | 5.81 | 3.2 | 7.71 | 3 |
| 2011/11/04 | ME | MW1 | M | 10.4 | 116.8 | 0.52 | 25.68 | 31.99 | 85.8 | 5.84 | 3.3 | 7.69 | 5 |
| 2011/11/04 | ME | MW1 | M | 10.5 | 50.0 | 0.19 | 25.67 | 31.94 | 85.9 | 5.85 | 3.2 | 7.71 | 4 |
| 2011/11/04 | ME | MW1 | T | 1.1 | 69.4 | 0.22 | 25.66 | 31.88 | 86.2 | 5.88 | 3.0 | 7.70 | 4 |
| 2011/11/04 | ME | MW1 | T | 1.0 | 142.8 | 0.28 | 25.64 | 31.82 | 86.7 | 5.91 | 2.7 | 7.71 | 4 |
| 2011/11/04 | ME | US1 | B | 8.2 | 80.6 | 0.58 | 25.67 | 30.93 | 88.0 | 6.03 | 14.6 | 7.71 | 16 |
| 2011/11/04 | ME | US1 | B | 7.8 | 96.4 | 0.51 | 25.67 | 30.88 | 87.5 | 6.00 | 10.5 | 7.72 | 14 |
| 2011/11/04 | ME | US1 | M | 4.5 | 96.0 | 0.44 | 25.73 | 30.66 | 87.5 | 6.00 | 9.8 | 7.71 | 9 |
| 2011/11/04 | ME | US1 | M | 4.6 | 76.3 | 0.42 | 25.74 | 30.65 | 87.4 | 5.99 | 9.2 | 7.71 | 10 |
| 2011/11/04 | ME | US1 | T | 1.2 | 103.0 | 0.50 | 26.10 | 29.85 | 90.3 | 6.18 | 3.4 | 7.70 | 5 |
| 2011/11/04 | ME | US1 | T | 0.8 | 107.1 | 0.67 | 26.08 | 29.68 | 90.4 | 6.19 | 3.6 | 7.70 | 5 |
| 2011/11/04 | ME | US2 | B | 22.8 | 15.2 | 0.22 | 25.64 | 31.05 | 86.4 | 5.92 | 25.7 | 7.70 | 8 |
| 2011/11/04 | ME | US2 | B | 22.7 | 116.2 | 0.13 | 25.61 | 31.06 | 87.2 | 5.97 | 17.4 | 7.72 | 30 |
| 2011/11/04 | ME | US2 | M | 12.0 | 96.4 | 0.44 | 25.78 | 30.70 | 87.6 | 6.00 | 12.6 | 7.70 | 13 |
| 2011/11/04 | ME | US2 | M | 12.0 | 122.1 | 0.19 | 25.81 | 30.63 | 87.7 | 6.00 | 11.8 | 7.70 | 11 |
| 2011/11/04 | ME | US2 | T | 1.1 | 118.1 | 0.44 | 26.05 | 29.70 | 90.8 | 6.22 | 3.5 | 7.69 | 4 |
| 2011/11/04 | ME | US2 | T | 1.0 | 118.9 | 0.28 | 26.08 | 29.64 | 90.2 | 6.18 | 3.8 | 7.69 | 5 |

| Sampling Date | Tide | Station | Depth | Depth (m) | Current Direction | Current Velocity (m/s) | Water Temp (°C) | Salinity (ppt) | D.O. Saturation (%) | D.O. (mg/L) | Turbidity (NTU) | pH | Suspended Solids |
|---------------|------|---------|-------|-----------|-------------------|------------------------|-----------------|----------------|---------------------|-------------|-----------------|------|------------------|
| 2011/11/04 | MF | DS1 | B | 7.1 | 274.7 | 0.27 | 25.84 | 30.93 | 85.3 | 5.83 | 53.2 | 7.68 | 65 |
| 2011/11/04 | MF | DS1 | B | 7.0 | 320.7 | 0.67 | 25.83 | 30.91 | 83.0 | 5.67 | 46.6 | 7.66 | 62 |
| 2011/11/04 | MF | DS1 | M | 4.0 | 333.1 | 0.25 | 25.83 | 30.80 | 84.2 | 5.76 | 30.8 | 7.67 | 44 |
| 2011/11/04 | MF | DS1 | M | 4.0 | 35.1 | 0.07 | 25.83 | 30.87 | 83.3 | 5.69 | 36.5 | 7.66 | 48 |
| 2011/11/04 | MF | DS1 | T | 1.5 | 273.4 | 0.27 | 25.96 | 30.32 | 89.2 | 6.10 | 11.2 | 7.68 | 14 |
| 2011/11/04 | MF | DS1 | T | 1.0 | 293.6 | 0.38 | 26.10 | 30.09 | 89.1 | 6.09 | 12.3 | 7.68 | 13 |
| 2011/11/04 | MF | DS2 | B | 27.0 | 163.8 | 0.07 | 25.74 | 30.85 | 83.3 | 5.70 | 17.4 | 7.63 | 18 |
| 2011/11/04 | MF | DS2 | B | 27.0 | 37.3 | 0.11 | 25.77 | 30.86 | 83.1 | 5.68 | 19.8 | 7.63 | 19 |
| 2011/11/04 | MF | DS2 | M | 14.1 | 319.8 | 0.03 | 25.79 | 30.59 | 85.1 | 5.83 | 13.0 | 7.63 | 14 |
| 2011/11/04 | MF | DS2 | M | 14.2 | 139.7 | 0.15 | 25.79 | 30.57 | 84.9 | 5.82 | 13.5 | 7.64 | 13 |
| 2011/11/04 | MF | DS2 | T | 1.0 | 284.0 | 0.33 | 26.13 | 29.88 | 89.4 | 6.11 | 10.3 | 7.65 | 6 |
| 2011/11/04 | MF | DS2 | T | 0.9 | 342.4 | 0.37 | 26.19 | 29.82 | 90.0 | 6.15 | 9.0 | 7.66 | 6 |
| 2011/11/04 | MF | DS3 | B | 7.7 | 254.2 | 0.20 | 25.92 | 30.26 | 87.3 | 5.98 | 10.2 | 7.62 | 6 |
| 2011/11/04 | MF | DS3 | B | 8.0 | 288.5 | 0.43 | 25.92 | 30.33 | 85.9 | 5.88 | 8.7 | 7.61 | 7 |
| 2011/11/04 | MF | DS3 | M | 4.7 | 267.3 | 0.09 | 26.10 | 29.99 | 88.0 | 6.02 | 6.2 | 7.61 | 5 |
| 2011/11/04 | MF | DS3 | M | 4.3 | 312.7 | 0.49 | 26.07 | 30.03 | 87.7 | 6.00 | 6.4 | 7.62 | 5 |
| 2011/11/04 | MF | DS3 | T | 1.2 | 283.4 | 0.41 | 26.14 | 29.95 | 89.2 | 6.09 | 5.1 | 7.62 | 4 |
| 2011/11/04 | MF | DS3 | T | 1.0 | 291.3 | 0.17 | 26.14 | 29.91 | 89.1 | 6.09 | 5.1 | 7.63 | 4 |
| 2011/11/04 | MF | DS4 | B | 7.9 | 315.0 | 0.30 | 25.93 | 30.21 | 85.3 | 5.84 | 10.7 | 7.58 | 9 |
| 2011/11/04 | MF | DS4 | B | 8.1 | 277.5 | 0.20 | 25.88 | 30.41 | 84.9 | 5.81 | 11.8 | 7.59 | 9 |
| 2011/11/04 | MF | DS4 | M | 4.7 | 277.1 | 0.38 | 25.98 | 30.11 | 86.0 | 5.89 | 5.7 | 7.58 | 6 |
| 2011/11/04 | MF | DS4 | M | 4.5 | 300.7 | 0.32 | 25.95 | 30.15 | 85.7 | 5.87 | 6.5 | 7.58 | 7 |
| 2011/11/04 | MF | DS4 | T | 1.2 | 321.5 | 0.39 | 26.63 | 29.59 | 89.7 | 6.09 | 5.1 | 7.60 | 6 |
| 2011/11/04 | MF | DS4 | T | 1.0 | 344.6 | 0.71 | 26.56 | 29.60 | 88.9 | 6.05 | 5.2 | 7.60 | 5 |
| 2011/11/04 | MF | DS5 | B | 8.0 | 305.6 | 0.24 | 25.91 | 30.22 | 85.6 | 5.86 | 7.4 | 7.55 | 6 |
| 2011/11/04 | MF | DS5 | B | 8.0 | 342.9 | 0.34 | 25.90 | 30.20 | 85.7 | 5.87 | 7.1 | 7.54 | 7 |
| 2011/11/04 | MF | DS5 | M | 4.4 | 302.1 | 0.37 | 26.11 | 29.88 | 85.6 | 5.85 | 4.9 | 7.52 | 5 |
| 2011/11/04 | MF | DS5 | M | 4.6 | 307.5 | 0.44 | 26.10 | 29.93 | 85.5 | 5.85 | 5.0 | 7.54 | 4 |
| 2011/11/04 | MF | DS5 | T | 1.1 | 18.9 | 0.30 | 26.54 | 28.09 | 94.4 | 6.47 | 3.2 | 7.55 | 2 |
| 2011/11/04 | MF | DS5 | T | 1.1 | 300.9 | 0.20 | 26.52 | 27.71 | 92.8 | 6.38 | 3.7 | 7.54 | 3 |
| 2011/11/04 | MF | MW1 | B | 20.0 | 89.6 | 0.26 | 25.75 | 31.87 | 84.8 | 5.77 | 7.4 | 7.54 | 8 |
| 2011/11/04 | MF | MW1 | B | 20.1 | 186.3 | 0.18 | 25.74 | 31.88 | 83.5 | 5.68 | 9.9 | 7.47 | 10 |
| 2011/11/04 | MF | MW1 | M | 10.6 | 148.3 | 0.07 | 25.76 | 31.80 | 84.6 | 5.76 | 6.9 | 7.49 | 6 |
| 2011/11/04 | MF | MW1 | M | 10.6 | 68.6 | 0.20 | 25.76 | 31.80 | 84.5 | 5.75 | 6.9 | 7.48 | 6 |
| 2011/11/04 | MF | MW1 | T | 0.9 | 262.8 | 0.26 | 25.86 | 31.61 | 86.3 | 5.87 | 4.5 | 7.49 | 4 |
| 2011/11/04 | MF | MW1 | T | 1.3 | 221.3 | 0.08 | 25.87 | 31.59 | 86.4 | 5.87 | 4.8 | 7.49 | 3 |
| 2011/11/04 | MF | US1 | B | 8.0 | 324.2 | 0.48 | 25.84 | 31.08 | 83.6 | 5.71 | 19.9 | 7.66 | 20 |
| 2011/11/04 | MF | US1 | B | 8.1 | 286.6 | 0.46 | 25.84 | 31.07 | 83.3 | 5.69 | 18.0 | 7.66 | 18 |
| 2011/11/04 | MF | US1 | M | 4.7 | 310.9 | 0.46 | 25.85 | 30.79 | 84.3 | 5.77 | 14.2 | 7.66 | 13 |
| 2011/11/04 | MF | US1 | M | 4.5 | 280.7 | 0.47 | 25.85 | 30.69 | 84.9 | 5.80 | 13.8 | 7.67 | 14 |
| 2011/11/04 | MF | US1 | T | 1.2 | 276.8 | 0.28 | 26.12 | 29.97 | 90.8 | 6.20 | 5.2 | 7.69 | 3 |
| 2011/11/04 | MF | US1 | T | 1.1 | 280.7 | 0.46 | 26.45 | 29.80 | 92.2 | 6.27 | 4.6 | 7.70 | 3 |
| 2011/11/04 | MF | US2 | B | 12.9 | 314.5 | 0.16 | 25.88 | 30.82 | 84.9 | 5.80 | 19.7 | 7.68 | 22 |
| 2011/11/04 | MF | US2 | B | 13.1 | 250.2 | 0.40 | 25.89 | 30.79 | 84.3 | 5.76 | 23.4 | 7.68 | 22 |
| 2011/11/04 | MF | US2 | M | 7.1 | 257.3 | 0.39 | 25.96 | 30.47 | 86.0 | 5.88 | 14.5 | 7.68 | 14 |
| 2011/11/04 | MF | US2 | M | 7.0 | 41.3 | 0.10 | 25.98 | 30.47 | 86.1 | 5.88 | 14.0 | 7.68 | 13 |
| 2011/11/04 | MF | US2 | T | 0.8 | 354.1 | 0.38 | 26.49 | 29.80 | 93.1 | 6.33 | 5.2 | 7.72 | 4 |
| 2011/11/04 | MF | US2 | T | 1.1 | 302.3 | 0.35 | 26.36 | 29.89 | 92.5 | 6.30 | 5.9 | 7.71 | 6 |