



**Water Monitoring Result at Station A
Mid-Flood Tide**

Location: Station A

Coordinate: 835468E, 815857N

| Date | Time | Weater Condition | Sampling Depth | | Water Temperature | | | pH | | | Salinity | | | DO Saturation | | | DO | | |
|------------|-------|------------------|----------------|-------|-------------------|-------|---------|-------|---------|-------|----------|-------|---------|---------------|---------|-------|---------|------|------|
| | | | | | °C | | | - | | | ppt | | | % | | | mg/L | | |
| | | | m | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | | |
| 31-Oct-12 | 16:54 | Fine | Surface | 1.0 | 25.90 | 25.90 | 25.90 | 7.59 | 7.59 | 7.59 | 32.61 | 32.61 | 32.61 | 74.7 | 74.3 | 74.5 | 5.06 | 5.01 | 5.04 |
| | - | | Middle | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 16:55 | | Bottom | 3.0 | 25.90 | 25.90 | 25.90 | 7.59 | 7.59 | 7.59 | 32.57 | 32.57 | 32.57 | 71.5 | 71.2 | 71.4 | 4.83 | 4.81 | 4.82 |
| 8-Nov-12 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 14:35 | | Middle | 1.5 | 25.20 | 25.20 | 25.20 | 7.59 | 7.59 | 7.59 | 32.38 | 32.38 | 32.38 | 71.0 | 70.6 | 70.8 | 4.85 | 4.83 | 4.84 |
| | - | | Bottom | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14/11/2012 | 16:04 | Fine | Surface | 1.0 | 25.10 | 25.10 | 25.10 | 7.54 | 7.54 | 7.54 | 32.63 | 32.63 | 32.63 | 59.1 | 58.0 | 58.6 | 4.05 | 4.02 | 4.04 |
| | - | | Middle | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 16:05 | | Bottom | 3.0 | 25.20 | 25.20 | 25.20 | 7.54 | 7.54 | 7.54 | 32.69 | 32.68 | 32.69 | 55.5 | 56.0 | 55.8 | 3.80 | 3.84 | 3.82 |
| 22-Nov-12 | 15:06 | Cloudy | Surface | 1.0 | 24.10 | 24.10 | 24.10 | 8.78 | 8.78 | 8.78 | 32.30 | 32.30 | 32.30 | 64.4 | 66.8 | 65.6 | 4.50 | 4.67 | 4.59 |
| | - | | Middle | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 15:08 | | Bottom | 3.0 | 24.00 | 24.00 | 24.00 | 9.26 | 9.26 | 9.26 | 32.54 | 32.54 | 32.54 | 66.4 | 66.3 | 66.4 | 4.64 | 4.63 | 4.64 |



**Water Monitoring Result at Station B
Mid-Flood Tide**

Location: Station B

Coordinate: 835572E, 815961N

| Date | Time | Weater Condition | Sampling Depth | | Water Temperature | | | pH | | | Salinity | | | DO Saturation | | | DO | | |
|-----------|-------|------------------|----------------|-------|-------------------|-------|---------|-------|---------|-------|----------|-------|---------|---------------|---------|-------|---------|------|------|
| | | | | | °C | | | - | | | ppt | | | % | | | mg/L | | |
| | | | m | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | | |
| 31-Oct-12 | 16:50 | Fine | Surface | 1.0 | 25.80 | 25.80 | 25.80 | 7.60 | 7.60 | 7.60 | 32.67 | 32.67 | 32.67 | 71.9 | 71.8 | 71.85 | 4.86 | 4.86 | 4.86 |
| | 16:51 | | Middle | 4.5 | 25.80 | 25.80 | 25.80 | 7.60 | 7.60 | 7.60 | 32.68 | 32.68 | 32.68 | 71.3 | 71.0 | 71.2 | 4.83 | 4.80 | 4.82 |
| | 16:53 | | Bottom | 8.0 | 25.80 | 25.80 | 25.80 | 7.60 | 7.60 | 7.60 | 32.67 | 32.67 | 32.67 | 70.3 | 70.2 | 70.3 | 4.76 | 4.75 | 4.76 |
| 8-Nov-12 | 14:30 | Fine | Surface | 1.0 | 25.00 | 25.00 | 25.00 | 7.60 | 7.60 | 7.60 | 34.59 | 34.59 | 34.59 | 70.7 | 70.4 | 70.6 | 4.85 | 4.83 | 4.84 |
| | 14:31 | | Middle | 5.0 | 25.00 | 25.00 | 25.00 | 7.64 | 7.64 | 7.64 | 32.82 | 32.83 | 32.83 | 69.9 | 70.0 | 70.0 | 4.79 | 4.80 | 4.80 |
| | 14:32 | | Bottom | 9.0 | 25.00 | 25.00 | 25.00 | 7.60 | 7.60 | 7.60 | 32.84 | 32.84 | 32.84 | 69.9 | 69.8 | 69.9 | 4.79 | 4.79 | 4.79 |
| 14-Nov-12 | 15:59 | Fine | Surface | 1.0 | 24.90 | 24.90 | 24.90 | 7.59 | 7.59 | 7.59 | 32.86 | 32.86 | 32.86 | 70.9 | 69.7 | 70.3 | 4.86 | 4.78 | 4.82 |
| | 16:00 | | Middle | 5.5 | 25.00 | 25.00 | 25.00 | 7.59 | 7.59 | 7.59 | 32.89 | 32.89 | 32.89 | 68.5 | 68.8 | 68.7 | 4.70 | 4.72 | 4.71 |
| | 16:01 | | Bottom | 10.0 | 24.90 | 24.90 | 24.90 | 7.58 | 7.58 | 7.58 | 32.92 | 32.92 | 32.92 | 67.9 | 67.3 | 67.6 | 4.63 | 4.62 | 4.63 |
| 22-Nov-12 | 15:02 | Cloudy | Surface | 1.0 | 24.30 | 24.30 | 24.30 | 8.18 | 8.18 | 8.18 | 32.34 | 32.34 | 32.34 | 67.6 | 67.5 | 67.6 | 4.71 | 4.70 | 4.71 |
| | 15:03 | | Middle | 6.0 | 24.10 | 24.10 | 24.10 | 7.94 | 7.94 | 7.94 | 32.51 | 32.51 | 32.51 | 64.0 | 64.4 | 64.2 | 4.43 | 4.50 | 4.47 |
| | 15:04 | | Bottom | 11.0 | 24.00 | 24.00 | 24.00 | 7.91 | 7.91 | 7.91 | 32.57 | 32.57 | 32.57 | 64.5 | 64.5 | 64.5 | 4.51 | 4.51 | 4.51 |



**Water Monitoring Result at Station C
Mid-Flood Tide**

Location: Station C

Coordinate: 835659E, 816271N

| Date | Time | Weater Condition | Sampling Depth | | Water Temperature | | | pH | | | Salinity | | | DO Saturation | | | DO | | |
|-----------|-------|------------------|----------------|-------|-------------------|-------|---------|-------|---------|-------|----------|-------|---------|---------------|---------|-------|---------|------|------|
| | | | | | °C | | | - | | | ppt | | | % | | | mg/L | | |
| | | | m | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | | |
| 31-Oct-12 | 16:44 | Fine | Surface | 1.0 | 25.80 | 25.80 | 25.80 | 7.60 | 7.60 | 7.60 | 32.65 | 32.65 | 32.65 | 71.8 | 71.5 | 71.7 | 4.85 | 4.84 | 4.85 |
| | 16:46 | | Middle | 6.5 | 25.80 | 25.80 | 25.80 | 7.61 | 7.61 | 7.61 | 32.68 | 32.68 | 32.68 | 71.1 | 71.0 | 71.1 | 4.82 | 4.81 | 4.82 |
| | 16:48 | | Bottom | 12.0 | 25.80 | 25.80 | 25.80 | 7.60 | 7.60 | 7.60 | 32.69 | 32.69 | 32.69 | 70.4 | 70.3 | 70.4 | 4.77 | 4.76 | 4.77 |
| 8-Nov-12 | 14:20 | Fine | Surface | 1.0 | 25.20 | 25.20 | 25.20 | 7.60 | 7.60 | 7.60 | 32.89 | 32.89 | 32.89 | 74.1 | 73.7 | 73.9 | 5.05 | 5.03 | 5.04 |
| | 14:22 | | Middle | 6.5 | 25.10 | 25.10 | 25.10 | 7.61 | 7.61 | 7.61 | 32.88 | 32.88 | 32.88 | 72.7 | 72.9 | 72.8 | 4.97 | 4.98 | 4.98 |
| | 14:24 | | Bottom | 12.0 | 24.90 | 24.90 | 24.90 | 7.62 | 7.62 | 7.62 | 32.93 | 32.93 | 32.93 | 71.2 | 71.1 | 71.2 | 4.89 | 4.88 | 4.89 |
| 14-Nov-12 | 15:54 | Fine | Surface | 1.0 | 24.90 | 24.90 | 24.90 | 7.61 | 7.61 | 7.61 | 32.86 | 32.86 | 32.86 | 71.0 | 70.7 | 70.9 | 4.87 | 4.86 | 4.87 |
| | 15:55 | | Middle | 6.5 | 24.90 | 24.90 | 24.90 | 7.60 | 7.60 | 7.60 | 32.90 | 32.90 | 32.90 | 70.6 | 70.7 | 70.7 | 4.84 | 4.86 | 4.85 |
| | 15:56 | | Bottom | 12.0 | 24.90 | 24.90 | 24.90 | 7.60 | 7.60 | 7.60 | 32.90 | 32.90 | 32.90 | 70.7 | 70.0 | 70.4 | 4.85 | 4.81 | 4.83 |
| 22-Nov-12 | 14:56 | Cloudy | Surface | 1.0 | 24.30 | 24.30 | 24.30 | 8.11 | 8.11 | 8.11 | 32.43 | 32.43 | 32.43 | 68.9 | 69.1 | 69.0 | 4.78 | 4.81 | 4.80 |
| | 14:58 | | Middle | 7.0 | 24.20 | 24.20 | 24.20 | 7.99 | 7.99 | 7.99 | 32.55 | 32.55 | 32.55 | 65.3 | 65.3 | 65.3 | 4.56 | 4.56 | 4.56 |
| | 15:00 | | Bottom | 13.0 | 24.00 | 24.00 | 24.00 | 7.98 | 7.98 | 7.98 | 32.62 | 32.62 | 32.62 | 65.1 | 64.9 | 65.0 | 4.55 | 4.54 | 4.55 |



**Water Monitoring Result at Station A
Mid-Ebb Tide**

Location: Station A

Coordinate: 835468E, 815857N

| Date | Time | Weater Condition | Sampling Depth | | Water Temperature | | | pH | | | Salinity | | | DO Saturation | | | DO | | |
|-----------|-------|------------------|----------------|-------|-------------------|-------|-------|---------|-------|-------|----------|-------|---------|---------------|---------|------|------|------|------|
| | | | m | °C | | | - | | | ppt | | % | | mg/L | | | | | |
| | | | | Value | Average | | Value | Average | | Value | Average | Value | Average | Value | Average | | | | |
| 31-Oct-12 | 12:05 | Cloudy | Surface | 1.0 | 25.90 | 25.90 | 25.90 | 7.59 | 7.59 | 7.59 | 32.43 | 32.43 | 32.43 | 74.7 | 74.1 | 74.4 | 5.08 | 5.01 | 5.05 |
| | - | | Middle | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 12:06 | | Bottom | 3.0 | 25.90 | 25.90 | 25.90 | 7.59 | 7.59 | 7.59 | 32.50 | 32.50 | 32.50 | 72.3 | 72.5 | 72.4 | 4.59 | 4.60 | 4.60 |
| 8-Nov-12 | 5:10 | Fine | Surface | 1.0 | 24.90 | 24.90 | 24.90 | 7.59 | 7.59 | 7.59 | 32.24 | 32.24 | 32.24 | 60.1 | 59.8 | 60.0 | 4.14 | 4.12 | 4.13 |
| | - | | Middle | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 5:11 | | Bottom | 4.0 | 24.90 | 24.90 | 24.90 | 7.62 | 7.62 | 7.62 | 32.99 | 32.99 | 32.99 | 60.6 | 60.4 | 60.5 | 4.17 | 4.16 | 4.17 |
| 14-Nov-12 | 11:38 | Cloudy | Surface | 1.0 | 25.00 | 25.00 | 25.00 | 7.53 | 7.53 | 7.53 | 32.29 | 32.29 | 32.29 | 59.3 | 58.8 | 59.1 | 4.08 | 4.04 | 4.06 |
| | - | | Middle | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 11:39 | | Bottom | 3.0 | 25.00 | 25.00 | 25.00 | 7.56 | 7.56 | 7.56 | 32.78 | 32.75 | 32.77 | 61.3 | 61.2 | 61.3 | 4.20 | 4.15 | 4.18 |
| 22-Nov-12 | 6:53 | Cloudy | Surface | 1.0 | 24.00 | 24.00 | 24.00 | 9.68 | 9.63 | 9.66 | 32.51 | 32.51 | 32.51 | 65.3 | 65.1 | 65.2 | 4.56 | 4.55 | 4.56 |
| | - | | Middle | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 6:55 | | Bottom | 5.0 | 24.00 | 24.00 | 24.00 | 10.05 | 10.05 | 10.05 | 32.65 | 32.65 | 32.65 | 61.0 | 60.6 | 60.8 | 4.27 | 4.24 | 4.26 |



**Water Monitoring Result at Station B
Mid-Ebb Tide**

Location: Station B

Coordinate: 835572E, 815961N

| Date | Time | Weater Condition | Sampling Depth | | Water Temperature | | | pH | | | Salinity | | | DO Saturation | | | DO | | |
|-----------|-------|------------------|----------------|-------|-------------------|-------|-------|---------|-------|-------|----------|-------|---------|---------------|---------|------|------|------|------|
| | | | m | °C | | | - | | | ppt | | % | | mg/L | | | | | |
| | | | | Value | Average | | Value | Average | | Value | Average | Value | Average | Value | Average | | | | |
| 31-Oct-12 | 12:00 | Cloudy | Surface | 1.0 | 25.80 | 25.80 | 25.80 | 7.59 | 7.59 | 7.59 | 32.54 | 32.54 | 32.54 | 72.6 | 72.3 | 72.5 | 4.91 | 4.89 | 4.90 |
| | 12:01 | | Middle | 5.0 | 25.80 | 25.80 | 25.80 | 7.60 | 7.60 | 7.60 | 32.57 | 32.57 | 32.57 | 70.3 | 70.0 | 70.2 | 4.70 | 4.74 | 4.72 |
| | 12:02 | | Bottom | 9.0 | 25.90 | 25.90 | 25.90 | 7.59 | 7.59 | 7.59 | 32.56 | 32.56 | 32.56 | 69.0 | 68.7 | 68.9 | 4.57 | 4.65 | 4.61 |
| 8-Nov-12 | 5:07 | Fine | Surface | 1.0 | 25.00 | 25.00 | 25.00 | 7.64 | 7.64 | 7.64 | 33.01 | 33.01 | 33.01 | 67.3 | 67.2 | 67.3 | 4.61 | 4.60 | 4.61 |
| | 5:08 | | Middle | 4.5 | 24.90 | 24.90 | 24.90 | 7.69 | 7.69 | 7.69 | 33.10 | 33.10 | 33.10 | 70.4 | 70.1 | 70.3 | 4.83 | 4.82 | 4.83 |
| | 5:09 | | Bottom | 8.0 | 24.90 | 24.90 | 24.90 | 7.69 | 7.69 | 7.69 | 33.10 | 33.10 | 33.10 | 71.3 | 70.9 | 71.1 | 4.88 | 4.86 | 4.87 |
| 14-Nov-12 | 11:34 | Cloudy | Surface | 1.0 | 25.20 | 25.20 | 25.20 | 7.57 | 7.57 | 7.57 | 32.90 | 32.90 | 32.90 | 66.0 | 65.7 | 65.9 | 4.52 | 4.50 | 4.51 |
| | 11:35 | | Middle | 5.0 | 24.90 | 24.90 | 24.90 | 7.58 | 7.58 | 7.58 | 32.97 | 32.97 | 32.97 | 64.1 | 63.9 | 64.0 | 4.40 | 4.38 | 4.39 |
| | 11:36 | | Bottom | 9.0 | 24.80 | 24.90 | 24.85 | 7.60 | 7.60 | 7.60 | 33.04 | 33.04 | 33.04 | 65.9 | 65.3 | 65.6 | 4.53 | 4.48 | 4.51 |
| 22-Nov-12 | 6:47 | Cloudy | Surface | 1.0 | 24.20 | 24.20 | 24.20 | 9.58 | 9.57 | 9.58 | 32.55 | 32.53 | 32.54 | 64.6 | 64.3 | 64.5 | 4.51 | 4.48 | 4.50 |
| | 6:48 | | Middle | 4.5 | 24.10 | 24.10 | 24.10 | 9.90 | 9.89 | 9.90 | 32.66 | 32.65 | 32.66 | 64.0 | 63.8 | 63.9 | 4.46 | 4.45 | 4.46 |
| | 6:50 | | Bottom | 8.0 | 24.00 | 24.00 | 24.00 | 10.13 | 10.11 | 10.12 | 32.70 | 32.69 | 32.70 | 62.3 | 62.1 | 62.2 | 4.35 | 4.34 | 4.35 |



**Water Monitoring Result at Station C
Mid-Ebb Tide**

Location: Station C

Coordinate: 835659E, 816271N

| Date | Time | Weater Condition | Sampling Depth | | Water Temperature | | | pH | | | Salinity | | | DO Saturation | | | DO | | |
|-----------|-------|------------------|----------------|-------|-------------------|-------|-------|---------|------|-------|----------|-------|---------|---------------|---------|------|------|------|------|
| | | | m | °C | | | - | | | ppt | | % | | mg/L | | | | | |
| | | | | Value | Average | | Value | Average | | Value | Average | Value | Average | Value | Average | | | | |
| 31-Oct-12 | 11:55 | Cloudy | Surface | 1.0 | 25.90 | 25.90 | 25.90 | 7.61 | 7.61 | 7.61 | 32.45 | 32.45 | 32.45 | 64.3 | 64.1 | 64.2 | 4.35 | 4.34 | 4.35 |
| | 11:56 | | Middle | 6.5 | 25.80 | 25.80 | 25.80 | 7.60 | 7.60 | 7.60 | 32.59 | 32.59 | 32.59 | 65.6 | 66.0 | 65.8 | 4.45 | 4.47 | 4.46 |
| | 11:57 | | Bottom | 12.0 | 25.80 | 25.80 | 25.80 | 7.61 | 7.61 | 7.61 | 32.66 | 32.66 | 32.66 | 66.2 | 65.9 | 66.1 | 4.48 | 4.46 | 4.47 |
| 8-Nov-12 | 5:01 | Fine | Surface | 1.0 | 25.00 | 25.00 | 25.00 | 7.66 | 7.66 | 7.66 | 32.94 | 32.94 | 32.94 | 70.7 | 70.2 | 70.5 | 4.85 | 4.83 | 4.84 |
| | 5:03 | | Middle | 7.0 | 24.90 | 24.90 | 24.90 | 7.69 | 7.69 | 7.69 | 33.03 | 33.03 | 33.03 | 72.1 | 72.0 | 72.1 | 4.96 | 4.96 | 4.96 |
| | 5:05 | | Bottom | 13.0 | 24.90 | 24.90 | 24.90 | 7.69 | 7.69 | 7.69 | 33.03 | 33.03 | 33.03 | 72.9 | 72.7 | 72.8 | 5.00 | 4.99 | 5.00 |
| 14-Nov-12 | 11:30 | Cloudy | Surface | 1.0 | 25.00 | 25.00 | 25.00 | 7.57 | 7.57 | 7.57 | 32.92 | 32.90 | 32.91 | 70.8 | 70.3 | 70.6 | 4.86 | 4.82 | 4.84 |
| | 11:31 | | Middle | 7.0 | 24.90 | 24.90 | 24.90 | 7.59 | 7.59 | 7.59 | 32.96 | 32.96 | 32.96 | 67.0 | 66.7 | 66.9 | 4.59 | 4.57 | 4.58 |
| | 11:32 | | Bottom | 12.0 | 24.80 | 24.80 | 24.80 | 7.61 | 7.61 | 7.61 | 33.01 | 33.01 | 33.01 | 67.7 | 67.5 | 67.6 | 4.65 | 4.64 | 4.65 |
| 22-Nov-12 | 6:38 | Cloudy | Surface | 1.0 | 24.10 | 24.10 | 24.10 | 9.28 | 9.20 | 9.24 | 32.57 | 32.57 | 32.57 | 65.8 | 65.5 | 65.7 | 4.58 | 4.56 | 4.57 |
| | 6:40 | | Middle | 7.0 | 24.00 | 24.00 | 24.00 | 9.51 | 9.53 | 9.52 | 32.67 | 32.67 | 32.67 | 65.0 | 64.8 | 64.9 | 4.54 | 4.52 | 4.53 |
| | 6:43 | | Bottom | 13.0 | 24.00 | 24.00 | 24.00 | 9.46 | 9.46 | 9.46 | 32.69 | 32.69 | 32.69 | 63.7 | 63.2 | 63.5 | 4.45 | 4.42 | 4.44 |