

Table B1 *Summary Table of DO, Turbidity and SS Levels Recorded in February and March 2013*

| Sampling Date | Tidal Period | Station | Average DO Levels (mg/L) | | Average Turbidity Level (NTU) | Average SS Level (mg/L) | |
|---------------|--------------|-----------|--------------------------|-----------------------|-------------------------------|-------------------------|-------|
| | | | Bottom | Surface and Mid Depth | | | |
| 2013/2/26 | Mid-Ebb | DS1 | 9.16 | 9.41 | 9.82 | 10.33 | |
| | | DS2 | 9.17 | 9.34 | 3.26 | 4.11 | |
| | | DS3 | 8.92 | 9.16 | 1.96 | 2.67 | |
| | | DS4 | 9.51 | 9.64 | 1.82 | 3.44 | |
| | | DS5 | 9.50 | 9.60 | 2.05 | 3.00 | |
| | | US1 | 9.52 | 9.73 | 8.13 | 7.83 | |
| | | US2 | 9.39 | 9.44 | 10.73 | 12.50 | |
| | | MW1 | 8.13 | 8.53 | 1.40 | 3.11 | |
| | | THB1 | 9.59 | 10.08 | 1.99 | 4.83 | |
| | | THB2 | - | 9.74 | 2.81 | 3.33 | |
| | | WSR45C | 8.39 | 8.92 | 1.65 | 3.22 | |
| | | WSR46 | 9.04 | 9.58 | 1.83 | 4.44 | |
| | | Mid-Flood | DS1 | 9.23 | 9.27 | 29.27 | 15.67 |
| | | | DS2 | 9.13 | 9.26 | 4.35 | 4.17 |
| | DS3 | | 9.26 | 9.29 | 3.12 | 4.50 | |
| | DS4 | | 9.32 | 9.34 | 3.55 | 4.33 | |
| | DS5 | | 9.38 | 9.46 | 2.47 | 4.50 | |
| | US1 | | 8.93 | 9.00 | 2.76 | 4.33 | |
| | US2 | | 8.97 | 9.04 | 2.80 | 3.89 | |
| | MW1 | | 8.35 | 8.38 | 3.07 | 6.56 | |
| | THB1 | | 8.91 | 8.96 | 1.97 | 4.00 | |
| | THB2 | | - | 8.75 | 3.47 | 2.67 | |
| | 2013/2/28 | Mid-Ebb | DS1 | 8.97 | 9.09 | 4.04 | 9.22 |
| | | | DS2 | 8.75 | 9.07 | 7.82 | 14.11 |
| DS3 | | | 8.72 | 9.09 | 3.83 | 6.89 | |
| DS4 | | | 8.83 | 9.09 | 1.83 | 6.78 | |
| DS5 | | | 8.99 | 9.11 | 1.75 | 6.33 | |
| US1 | | | 9.05 | 9.09 | 7.20 | 11.17 | |
| US2 | | | 9.05 | 9.05 | 8.42 | 12.50 | |
| MW1 | | | 8.16 | 8.23 | 2.08 | 9.44 | |
| THB1 | | | 8.59 | 8.68 | 1.47 | 6.50 | |
| THB2 | | | - | 9.16 | 2.04 | 6.33 | |
| WSR45C | | | 8.12 | 8.59 | 2.17 | 5.22 | |
| WSR46 | | | 8.49 | 8.75 | 2.94 | 7.22 | |
| Mid-Flood | | | DS1 | 9.34 | 9.36 | 20.60 | 30.83 |
| | | | DS2 | 9.28 | 9.35 | 9.15 | 13.33 |
| | DS3 | 9.20 | 9.25 | 4.12 | 9.67 | | |
| | DS4 | 9.00 | 9.06 | 3.72 | 5.50 | | |
| | DS5 | 8.99 | 9.02 | 2.74 | 8.56 | | |
| | US1 | 9.12 | 9.22 | 5.87 | 8.00 | | |
| | US2 | 8.79 | 8.92 | 2.74 | 6.33 | | |
| | MW1 | 8.41 | 8.58 | 2.32 | 15.67 | | |
| | THB1 | 8.65 | 8.73 | 1.66 | 8.50 | | |
| | THB2 | - | 7.52 | 10.61 | 6.33 | | |
| WSR45C | 8.78 | 8.91 | 3.06 | 7.56 | | | |

| Sampling Date | Tidal Period | Station | Average DO Levels (mg/L) | | Average Turbidity Level (NTU) | Average SS Level (mg/L) |
|---------------|--------------|---------|--------------------------|-----------------------|-------------------------------|-------------------------|
| | | | Bottom | Surface and Mid Depth | | |
| 2013/3/2 | Mid-Ebb | WSR46 | 8.98 | 9.04 | 8.20 | 7.33 |
| | | DS1 | 7.76 | 7.84 | 6.45 | 6.50 |
| | | DS2 | 7.74 | 7.90 | 7.07 | 8.50 |
| | | DS3 | 7.71 | 7.83 | 2.58 | 4.33 |
| | | DS4 | 7.75 | 7.79 | 2.30 | 2.67 |
| | | DS5 | 7.74 | 7.74 | 1.90 | 2.00 |
| | | US1 | 7.77 | 7.82 | 5.30 | 7.00 |
| | | US2 | 7.76 | 7.76 | 5.37 | 5.00 |
| | | MW1 | 7.77 | 7.80 | 2.07 | 4.17 |
| | | THB1 | 8.00 | 8.04 | 1.77 | 3.00 |
| | THB2 | - | 7.68 | 3.51 | 7.67 | |
| | WSR45C | 7.73 | 7.89 | 1.95 | 2.67 | |
| | WSR46 | 8.00 | 8.03 | 2.35 | 5.50 | |
| | Mid-Flood | DS1 | 8.18 | 8.18 | 5.87 | 8.00 |
| | | DS2 | 8.05 | 8.17 | 5.80 | 5.00 |
| | | DS3 | 8.11 | 8.15 | 4.23 | 4.33 |
| | | DS4 | 7.89 | 8.10 | 3.17 | 5.00 |
| | | DS5 | 7.88 | 7.92 | 3.40 | 3.83 |
| | | US1 | 8.00 | 8.03 | 5.02 | 4.33 |
| | | US2 | 7.93 | 8.01 | 4.15 | 4.67 |
| MW1 | | 7.69 | 7.77 | 1.79 | 3.50 | |
| THB1 | | 7.90 | 7.95 | 2.70 | 2.33 | |
| THB2 | | - | 7.08 | 12.24 | 22.00 | |
| 2013/3/4 | Mid-Ebb | WSR45C | 7.89 | 7.94 | 3.17 | 4.83 |
| | | WSR46 | 8.05 | 8.07 | 11.45 | 21.17 |
| | | DS1 | 7.26 | 7.41 | 6.70 | 7.00 |
| | | DS2 | 7.35 | 7.45 | 3.65 | 3.67 |
| | | DS3 | 7.51 | 7.54 | 3.22 | 4.83 |
| | | DS4 | 7.39 | 7.58 | 2.53 | 2.67 |
| | | DS5 | 7.65 | 7.62 | 2.68 | 4.33 |
| | | US1 | 7.63 | 7.56 | 3.78 | 7.00 |
| | | US2 | 7.60 | 7.62 | 5.53 | 8.83 |
| | | MW1 | 7.03 | 7.05 | 1.90 | 4.00 |
| | THB1 | 7.27 | 7.27 | 2.90 | 4.00 | |
| | THB2 | - | 8.12 | 4.77 | 5.67 | |
| | WSR45C | 7.29 | 7.40 | 2.90 | 5.67 | |
| | WSR46 | 7.13 | 7.33 | 3.00 | 6.17 | |
| | Mid-Flood | DS1 | 7.36 | 7.40 | 5.57 | 9.00 |
| | | DS2 | 7.40 | 7.40 | 4.40 | 6.00 |
| | | DS3 | 7.46 | 7.42 | 3.72 | 4.17 |
| | | DS4 | 7.58 | 7.48 | 3.72 | 4.00 |
| | | DS5 | 7.59 | 7.51 | 3.17 | 4.00 |
| | | US1 | 7.32 | 7.38 | 3.07 | 5.33 |
| US2 | | 7.29 | 7.32 | 2.28 | 5.33 | |
| MW1 | | 6.60 | 6.57 | 2.45 | 7.83 | |
| THB1 | | 6.99 | 6.95 | 2.17 | 4.00 | |
| THB2 | | - | 7.54 | 5.50 | 6.33 | |
| 2013/3/6 | Mid-Ebb | WSR45C | 6.72 | 6.83 | 1.97 | 6.17 |
| | | WSR46 | 6.95 | 6.94 | 3.12 | 5.67 |
| | | DS1 | 7.38 | 7.39 | 1.42 | 3.78 |
| | | DS2 | 7.37 | 7.35 | 1.39 | 1.44 |

| Sampling Date | Tidal Period | Station | Average DO Levels (mg/L) | | Average Turbidity Level (NTU) | Average SS Level (mg/L) |
|---------------|--------------|---------|--------------------------|-----------------------|-------------------------------|-------------------------|
| | | | Bottom | Surface and Mid Depth | | |
| 2013/3/8 | Mid-Flood | DS3 | 7.33 | 7.36 | 1.22 | 1.44 |
| | | DS4 | 7.31 | 7.33 | 1.20 | 2.11 |
| | | DS5 | 7.22 | 7.21 | 1.33 | 1.67 |
| | | US1 | 7.46 | 7.47 | 5.40 | 7.50 |
| | | US2 | 7.57 | 7.53 | 3.00 | 3.67 |
| | | MW1 | 6.65 | 6.63 | 1.40 | 2.11 |
| | | THB1 | 7.12 | 7.10 | 2.07 | 1.67 |
| | | THB2 | - | 9.19 | 4.00 | 6.67 |
| | | WSR45C | 6.90 | 6.89 | 1.28 | 2.11 |
| | | WSR46 | 7.20 | 7.19 | 1.65 | 1.67 |
| | | DS1 | 7.40 | 7.49 | 4.13 | 14.00 |
| | | DS2 | 7.48 | 7.48 | 3.52 | 4.00 |
| | | DS3 | 7.63 | 7.62 | 3.20 | 2.50 |
| | | DS4 | 7.67 | 7.64 | 2.28 | 3.33 |
| | | DS5 | 7.63 | 7.61 | 1.90 | 2.67 |
| | | US1 | 7.37 | 7.40 | 1.44 | 2.56 |
| | US2 | 7.24 | 7.23 | 0.82 | 1.56 | |
| | MW1 | 6.62 | 6.62 | 1.07 | 2.56 | |
| | THB1 | 7.23 | 7.20 | 1.94 | 2.67 | |
| | THB2 | - | 9.41 | 4.63 | 5.33 | |
| | WSR45C | 6.79 | 6.77 | 0.85 | 2.00 | |
| | WSR46 | 7.05 | 7.10 | 1.50 | 3.00 | |
| | DS1 | 7.57 | 7.75 | 5.96 | 7.11 | |
| | DS2 | 7.63 | 7.91 | 1.44 | 4.22 | |
| | DS3 | 7.59 | 7.79 | 1.54 | 6.56 | |
| | DS4 | 7.69 | 7.81 | 1.42 | 3.44 | |
| | DS5 | 7.99 | 8.01 | 1.68 | 2.83 | |
| | US1 | 7.93 | 8.18 | 2.87 | 7.44 | |
| | US2 | 7.90 | 8.08 | 3.08 | 3.83 | |
| | MW1 | 6.73 | 6.75 | 1.25 | 4.78 | |
| | THB1 | 8.14 | 8.27 | 1.52 | 4.67 | |
| | THB2 | - | 9.04 | 2.24 | 7.33 | |
| WSR45C | 7.09 | 7.44 | 1.36 | 1.89 | | |
| WSR46 | 7.60 | 8.08 | 1.83 | 2.78 | | |
| DS1 | 8.65 | 8.74 | 3.13 | 4.33 | | |
| DS2 | 8.82 | 8.88 | 2.42 | 2.67 | | |
| DS3 | 9.12 | 8.86 | 2.90 | 4.00 | | |
| DS4 | 9.11 | 8.88 | 3.50 | 5.17 | | |
| DS5 | 9.29 | 9.20 | 3.09 | 4.00 | | |
| US1 | 8.34 | 8.76 | 4.31 | 4.56 | | |
| US2 | 7.77 | 8.67 | 2.42 | 3.67 | | |
| MW1 | 7.30 | 7.48 | 1.59 | 3.89 | | |
| THB1 | 9.24 | 9.26 | 2.30 | 3.17 | | |
| THB2 | - | 9.31 | 6.33 | 7.00 | | |
| WSR45C | 7.66 | 8.64 | 2.76 | 4.22 | | |
| WSR46 | 7.88 | 8.93 | 3.64 | 4.22 | | |
| DS1 | 7.94 | 8.06 | 2.46 | 3.89 | | |
| DS2 | 8.00 | 8.13 | 2.38 | 4.44 | | |
| DS3 | 7.99 | 8.14 | 2.34 | 4.00 | | |
| DS4 | 7.87 | 8.06 | 2.22 | 3.67 | | |
| DS5 | 7.98 | 7.99 | 2.05 | 3.67 | | |
| 2013/3/11 | Mid-Ebb | | | | | |

| Sampling Date | Tidal Period | Station | Average DO Levels (mg/L) | | Average Turbidity Level (NTU) | Average SS Level (mg/L) |
|---------------|--------------|---------|--------------------------|-----------------------|-------------------------------|-------------------------|
| | | | Bottom | Surface and Mid Depth | | |
| 2013/3/13 | Mid-Flood | US1 | 8.13 | 8.33 | 6.13 | 8.67 |
| | | US2 | 8.17 | 8.20 | 7.45 | 9.33 |
| | | MW1 | 7.64 | 7.76 | 1.63 | 3.67 |
| | | THB1 | 8.42 | 8.46 | 3.08 | 3.83 |
| | | THB2 | - | 11.44 | 4.63 | 5.00 |
| | | WSR45C | 7.70 | 7.90 | 2.01 | 3.00 |
| | | WSR46 | 7.97 | 8.10 | 2.58 | 3.67 |
| | | DS1 | 8.28 | 8.31 | 3.78 | 4.83 |
| | | DS2 | 8.25 | 8.27 | 3.35 | 5.00 |
| | | DS3 | 8.32 | 8.32 | 5.28 | 6.67 |
| | | DS4 | 8.32 | 8.32 | 4.81 | 7.44 |
| | | DS5 | 8.19 | 8.21 | 3.58 | 4.78 |
| | | US1 | 8.09 | 8.09 | 3.62 | 5.00 |
| | | US2 | 7.94 | 7.97 | 2.83 | 4.33 |
| | | MW1 | 7.76 | 7.95 | 2.23 | 4.33 |
| | THB1 | 8.23 | 8.29 | 3.82 | 4.83 | |
| | THB2 | - | 10.29 | 4.13 | 5.67 | |
| | WSR45C | 7.97 | 8.09 | 3.97 | 4.33 | |
| | WSR46 | 8.28 | 8.37 | 4.92 | 5.89 | |
| | DS1 | 7.56 | 7.61 | 3.12 | 8.11 | |
| | DS2 | 7.64 | 7.69 | 2.92 | 5.11 | |
| | DS3 | 7.71 | 7.70 | 2.33 | 3.78 | |
| | DS4 | 7.64 | 7.64 | 3.51 | 4.22 | |
| | DS5 | 7.68 | 7.67 | 2.92 | 4.83 | |
| | US1 | 7.61 | 7.64 | 8.32 | 12.33 | |
| | US2 | 7.63 | 7.62 | 5.45 | 7.67 | |
| | MW1 | 7.44 | 7.57 | 1.53 | 3.67 | |
| | THB1 | 7.65 | 7.66 | 4.10 | 3.67 | |
| | THB2 | - | 7.28 | 3.39 | 7.00 | |
| | WSR45C | 7.54 | 7.73 | 2.09 | 4.33 | |
| WSR46 | 7.56 | 7.61 | 2.95 | 5.22 | | |
| DS1 | 7.52 | 7.50 | 2.72 | 4.50 | | |
| DS2 | 7.51 | 7.51 | 3.53 | 6.17 | | |
| DS3 | 7.48 | 7.50 | 3.17 | 5.67 | | |
| DS4 | 7.46 | 7.47 | 2.25 | 3.67 | | |
| DS5 | 7.42 | 7.44 | 1.90 | 5.33 | | |
| US1 | 7.57 | 7.57 | 2.62 | 3.67 | | |
| US2 | 7.57 | 7.59 | 2.63 | 5.78 | | |
| MW1 | 7.42 | 7.49 | 2.19 | 4.11 | | |
| THB1 | 7.51 | 7.52 | 2.27 | 4.00 | | |
| THB2 | - | 7.03 | 3.59 | 6.33 | | |
| WSR45C | 7.51 | 7.61 | 2.67 | 6.78 | | |
| WSR46 | 7.66 | 7.69 | 4.14 | 7.56 | | |
| DS1 | 7.04 | 7.12 | 4.06 | 8.00 | | |
| DS2 | 6.99 | 7.13 | 4.57 | 14.56 | | |
| DS3 | 7.01 | 7.11 | 3.98 | 12.56 | | |
| DS4 | 6.99 | 7.06 | 3.74 | 8.44 | | |
| DS5 | 7.05 | 7.02 | 4.12 | 14.67 | | |
| US1 | 7.15 | 7.19 | 8.73 | 11.00 | | |
| US2 | 7.13 | 7.14 | 8.20 | 7.33 | | |
| MW1 | 7.14 | 7.16 | 1.83 | 6.89 | | |

| Sampling Date | Tidal Period | Station | Average DO Levels (mg/L) | | Average Turbidity Level (NTU) | Average SS Level (mg/L) |
|---------------|--------------|---------|--------------------------|-----------------------|-------------------------------|-------------------------|
| | | | Bottom | Surface and Mid Depth | | |
| 2013/3/18 | Mid-Flood | THB1 | 7.16 | 7.09 | 5.67 | 6.50 |
| | | THB2 | - | 6.56 | 4.23 | 6.00 |
| | | WSR45C | 7.03 | 7.09 | 2.90 | 6.78 |
| | | WSR46 | 7.20 | 7.23 | 3.80 | 6.56 |
| | | DS1 | 7.12 | 7.09 | 9.85 | 7.67 |
| | | DS2 | 7.13 | 7.12 | 13.17 | 8.17 |
| | | DS3 | 7.13 | 7.11 | 8.12 | 8.33 |
| | | DS4 | 7.06 | 7.04 | 9.12 | 7.33 |
| | | DS5 | 6.95 | 6.93 | 5.89 | 7.56 |
| | | US1 | 7.00 | 7.01 | 9.54 | 8.00 |
| | | US2 | 6.96 | 7.04 | 4.02 | 13.33 |
| | | MW1 | 7.15 | 7.18 | 1.81 | 6.44 |
| | | THB1 | 7.10 | 7.00 | 4.74 | 8.00 |
| | | THB2 | - | 6.32 | 4.56 | 13.33 |
| | | WSR45C | 7.25 | 7.11 | 3.86 | 6.11 |
| | WSR46 | 7.26 | 7.17 | 4.79 | 6.11 | |
| | DS1 | 7.39 | 7.43 | 17.28 | 18.67 | |
| | DS2 | 7.38 | 7.47 | 7.96 | 9.89 | |
| | DS3 | 7.17 | 7.66 | 5.36 | 6.78 | |
| | DS4 | 7.09 | 7.53 | 5.20 | 6.44 | |
| | DS5 | 7.37 | 7.71 | 3.58 | 3.33 | |
| | US1 | 7.38 | 7.46 | 5.87 | 8.17 | |
| | US2 | 7.22 | 7.38 | 8.10 | 9.33 | |
| | MW1 | 7.02 | 7.27 | 2.14 | 3.00 | |
| | THB1 | 7.08 | 7.48 | 5.34 | 4.83 | |
| | THB2 | - | 7.23 | 6.74 | 7.11 | |
| | WSR45C | 6.96 | 7.13 | 6.24 | 5.89 | |
| | WSR46 | 6.81 | 7.07 | 7.02 | 10.50 | |
| | DS1 | 7.00 | 7.07 | 3.52 | 3.50 | |
| | DS2 | 7.04 | 7.09 | 3.80 | 4.50 | |
| DS3 | 6.80 | 7.16 | 3.58 | 5.33 | | |
| DS4 | 6.97 | 7.12 | 5.04 | 6.33 | | |
| DS5 | 7.03 | 7.12 | 4.94 | 4.33 | | |
| US1 | 7.05 | 7.18 | 3.90 | 7.22 | | |
| US2 | 6.84 | 6.93 | 1.80 | 2.67 | | |
| MW1 | 6.90 | 7.18 | 4.05 | 3.67 | | |
| THB1 | 7.11 | 6.80 | 7.89 | 6.33 | | |
| THB2 | - | 7.06 | 4.88 | 5.00 | | |
| WSR45C | 6.81 | 7.06 | 5.96 | 8.00 | | |
| WSR46 | 6.83 | 7.43 | 17.28 | 18.67 | | |
| DS1 | 7.63 | 7.46 | 5.73 | 11.50 | | |
| DS2 | 7.53 | 7.54 | 3.46 | 5.44 | | |
| DS3 | 7.62 | 7.74 | 3.38 | 4.11 | | |
| DS4 | 7.80 | 7.73 | 2.90 | 3.17 | | |
| DS5 | 7.66 | 7.67 | 3.23 | 3.50 | | |
| US1 | 7.31 | 7.29 | 4.58 | 8.00 | | |
| US2 | 7.27 | 7.26 | 4.57 | 6.33 | | |
| MW1 | 6.85 | 7.53 | 2.21 | 3.89 | | |
| THB1 | 7.77 | 7.89 | 3.25 | 5.67 | | |
| THB2 | - | 6.57 | 11.28 | 7.00 | | |
| WSR45C | 6.67 | 7.38 | 5.55 | 9.11 | | |

| Sampling Date | Tidal Period | Station | Average DO Levels (mg/L) | | Average Turbidity Level (NTU) | Average SS Level (mg/L) |
|---------------|--------------|---------|--------------------------|-----------------------|-------------------------------|-------------------------|
| | | | Bottom | Surface and Mid Depth | | |
| 2013/3/22 | Mid-Flood | WSR46 | 6.56 | 7.26 | 5.07 | 9.78 |
| | | DS1 | 6.74 | 6.94 | 7.02 | 11.33 |
| | | DS2 | 6.93 | 7.01 | 3.97 | 7.33 |
| | | DS3 | 6.95 | 6.94 | 3.12 | 6.33 |
| | | DS4 | 6.79 | 6.85 | 3.95 | 7.83 |
| | | DS5 | 6.80 | 6.85 | 3.93 | 7.67 |
| | | US1 | 6.92 | 6.99 | 2.61 | 6.00 |
| | | US2 | 6.86 | 6.96 | 2.59 | 5.11 |
| | | MW1 | 6.81 | 6.87 | 2.13 | 5.89 |
| | | THB1 | 6.56 | 6.56 | 5.27 | 4.83 |
| | | THB2 | - | 6.05 | 5.92 | 10.33 |
| | | WSR45C | 6.58 | 6.84 | 3.16 | 4.44 |
| | Mid-Ebb | WSR46 | 6.51 | 6.99 | 4.89 | 6.56 |
| | | DS1 | 6.71 | 6.94 | 5.63 | 5.56 |
| | | DS2 | 6.93 | 7.08 | 5.54 | 5.78 |
| | | DS3 | 6.82 | 7.10 | 4.26 | 4.11 |
| | | DS4 | 6.99 | 7.08 | 3.84 | 4.00 |
| | | DS5 | 6.74 | 6.82 | 3.73 | 3.67 |
| | | US1 | 7.33 | 7.41 | 5.75 | 4.17 |
| | | US2 | 7.16 | 7.29 | 6.80 | 7.83 |
| | | MW1 | 6.99 | 7.14 | 1.45 | 2.67 |
| | | THB1 | 7.05 | 7.45 | 6.99 | 5.00 |
| | | THB2 | - | 6.45 | 7.12 | 4.33 |
| | | WSR45C | 6.82 | 7.01 | 4.17 | 4.44 |
| Mid-Flood | WSR46 | 6.63 | 7.04 | 4.16 | 5.78 | |
| | DS1 | 7.01 | 7.09 | 4.63 | 5.33 | |
| | DS2 | 7.08 | 7.12 | 4.88 | 4.83 | |
| | DS3 | 7.09 | 7.05 | 5.77 | 6.17 | |
| | DS4 | 7.10 | 7.17 | 5.45 | 6.17 | |
| | DS5 | 7.04 | 7.08 | 6.54 | 7.00 | |
| | US1 | 6.93 | 7.10 | 3.68 | 3.89 | |
| | US2 | 6.79 | 7.11 | 4.46 | 4.22 | |
| | MW1 | 6.77 | 6.83 | 1.13 | 1.00 | |
| | THB1 | 6.53 | 6.56 | 9.37 | 9.17 | |
| | THB2 | - | 6.17 | 6.32 | 6.33 | |
| | WSR45C | 6.64 | 6.87 | 2.93 | 3.22 | |
| 2013/3/25 | Mid-Ebb | WSR46 | 6.79 | 7.01 | 4.31 | 3.67 |
| | | DS1 | 6.54 | 6.71 | 7.89 | 13.22 |
| | | DS2 | 6.60 | 6.84 | 5.09 | 7.00 |
| | | DS3 | 6.52 | 6.73 | 5.09 | 6.22 |
| | | DS4 | 6.58 | 6.67 | 5.06 | 6.44 |
| | | DS5 | 6.47 | 6.54 | 6.57 | 8.17 |
| | US1 | 6.74 | 6.87 | 8.13 | 10.50 | |
| | US2 | 6.73 | 6.74 | 9.77 | 12.00 | |
| | MW1 | 6.65 | 6.69 | 3.23 | 4.56 | |
| | THB1 | 6.74 | 6.95 | 11.04 | 6.83 | |
| | THB2 | - | 6.41 | 5.72 | 4.67 | |
| | WSR45C | 6.64 | 6.71 | 4.43 | 3.00 | |
| Mid-Flood | WSR46 | 6.52 | 6.71 | 9.47 | 10.56 | |
| | DS1 | 6.70 | 6.79 | 8.65 | 7.00 | |
| | DS2 | 6.80 | 6.75 | 10.52 | 14.67 | |

| Sampling Date | Tidal Period | Station | Average DO Levels (mg/L) | | Average Turbidity Level (NTU) | Average SS Level (mg/L) |
|---------------|--------------|---------|--------------------------|-----------------------|-------------------------------|-------------------------|
| | | | Bottom | Surface and Mid Depth | | |
| | | DS3 | 6.87 | 6.85 | 12.28 | 16.83 |
| | | DS4 | 6.81 | 6.80 | 13.48 | 17.22 |
| | | DS5 | 6.98 | 6.97 | 14.97 | 13.17 |
| | | US1 | 6.92 | 6.89 | 3.93 | 4.78 |
| | | US2 | 6.79 | 6.79 | 7.34 | 6.56 |
| | | MW1 | 6.61 | 6.63 | 3.43 | 5.33 |
| | | THB1 | 6.65 | 6.59 | 12.29 | 14.67 |
| | | THB2 | - | 7.37 | 10.15 | 14.33 |
| | | WSR45C | 6.59 | 6.77 | 6.05 | 9.33 |
| | | WSR46 | 6.52 | 6.83 | 9.14 | 12.78 |

Notes:

1. Please refer to Table B2 below for the Action and Limit Levels for dredging activities.
2. Cell shaded yellow indicated value exceeding the Action Level criteria.
3. Cell shaded red indicated value exceeding the Limit Level criteria.
4. Only mid-depth water was sampled at Station THB2 because water depth was less than 3m.

Table B2 Action and Limit Levels of Water Quality for Dredging, Backfilling and Capping Activities

| Parameter | Action Level | Limit Level |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Dissolved Oxygen (DO) ⁽¹⁾ | <u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for surface and middle layer = 4.32 mg L⁻¹ | <u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L⁻¹ |
| | and | and |
| | Significantly less than the reference stations mean DO (at the same tide of the same day) | Significantly less than the reference stations mean DO (at the same tide of the same day) |
| | <u>Bottom</u> The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for bottom layers = 3.12 mg L⁻¹ | <u>Bottom</u> The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L⁻¹ |
| | and | and |
| | Significantly less than the reference stations mean DO (at the same tide of the same day) | Significantly less than the reference stations mean DO (at the same tide of the same day) |
| Depth-averaged Suspended Solids (SS) ⁽³⁾⁽⁴⁾ | The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data for depth average = 21.60 mg L⁻¹ | The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data for depth average = 40.10 mg L⁻¹ |
| | and | and |
| | 120% of control station's SS at the same tide of the same day | 130% of control station's SS at the same tide of the same day |
| Depth-averaged Turbidity (Tby) ⁽³⁾⁽⁴⁾ | The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data = 25.04 NTU | The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data = 56.30 NTU |
| | and | and |
| | 120% of control station's Tby at the same tide of the same day | 130% of control station's Tby at the same tide of the same day |
| Notes: | | |
| (1) For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits. | | |
| (2) The Action and Limit Levels for DO for Surface & Middle layers were calculated from the combined pool of baseline surface layer data and baseline middle layer data. | | |
| (3) "Depth-averaged" is calculated by taking the arithmetic means of reading of all three depths. | | |
| (4) For turbidity and SS, non-compliance of the water quality limits occurs when monitoring result is higher than the limits. | | |