

**Water Quality Monitoring Results at CE - Mid-Ebb Tide**

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH         |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity(NTU) |         |     | Suspended Solids (mg/L) |         |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|------------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|----------------|---------|-----|-------------------------|---------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value      | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value          | Average | DA* | Value                   | Average | DA*  |
| 2-Mar-09  | Fine              | Calm            | 16:47         | Surface   | 1   | 18.4<br>18.3           | 18.4    | 8.0<br>7.9 | 8.0     | 34.4<br>34.4 | 34.4    | 100.8<br>100.8    | 100.8   | 7.4<br>7.4              | 7.4     | 7.4 | 2.2<br>2.1     | 2.2     | 2.6 | 7.0<br>7.0              | 7.0     | 8.7  |
|           |                   |                 |               | Middle    | 5.5 | 18.3<br>18.0           | 18.2    | 8.1<br>8.2 | 8.2     | 34.3<br>34.3 | 34.3    | 98.6<br>98.7      | 98.7    | 7.3<br>7.3              | 7.3     |     | 2.7<br>2.5     | 2.6     |     | 9.0<br>9.0              | 9.0     |      |
|           |                   |                 |               | Bottom    | 10  | 17.8<br>17.8           | 17.8    | 7.9<br>8.2 | 8.1     | 34.3<br>34.3 | 34.3    | 96.2<br>96.2      | 96.2    | 7.1<br>7.1              | 7.1     |     | 3.0<br>3.0     | 3.0     |     | 10.0<br>10.0            | 10.0    |      |
| 4-Mar-09  | Cloudy            | Moderate        | 16:31         | Surface   | 1   | 20.1<br>20.1           | 20.1    | 7.9<br>7.6 | 7.8     | 36.3<br>36.4 | 36.4    | 95.5<br>93.6      | 94.6    | 6.9<br>6.7              | 6.8     | 6.7 | 2.6<br>2.6     | 2.6     | 3.5 | 3.0<br>3.0              | 3.0     | 6.3  |
|           |                   |                 |               | Middle    | 5.5 | 20.1<br>20.1           | 20.1    | 8.2<br>8.2 | 8.2     | 35.9<br>35.8 | 35.9    | 91.2<br>91.1      | 91.2    | 6.6<br>6.6              | 6.6     |     | 3.5<br>3.5     | 3.5     |     | 9.0<br>9.0              | 9.0     |      |
|           |                   |                 |               | Bottom    | 10  | 20.1<br>20.1           | 20.1    | 7.6<br>8.0 | 7.8     | 36.5<br>36.0 | 36.3    | 90.7<br>90.6      | 90.7    | 6.5<br>6.5              | 6.5     |     | 4.3<br>4.3     | 4.3     |     | 7.0<br>7.0              | 7.0     |      |
| 6-Mar-09  | Cloudy            | Calm            | 09:21         | Surface   | 1   | 19.4<br>19.3           | 19.4    | 8.1<br>7.8 | 8.0     | 34.0<br>34.2 | 34.1    | 98.7<br>97.4      | 98.1    | 7.2<br>7.2              | 7.2     | 7.5 | 3.0<br>2.9     | 3.0     | 3.5 | 10.0<br>9.0             | 9.5     | 8.7  |
|           |                   |                 |               | Middle    | 5.5 | 19.3<br>19.3           | 19.3    | 7.5<br>6.8 | 7.2     | 34.0<br>34.0 | 34.0    | 102.1<br>105.6    | 103.9   | 7.6<br>7.8              | 7.7     |     | 3.3<br>3.4     | 3.4     |     | 9.0<br>9.0              | 9.0     |      |
|           |                   |                 |               | Bottom    | 10  | 19.3<br>19.5           | 19.4    | 7.3<br>6.7 | 7.0     | 34.0<br>34.2 | 34.1    | 105.3<br>102.4    | 103.9   | 7.6<br>7.5              | 7.6     |     | 4.0<br>4.3     | 4.2     |     | 7.0<br>8.0              | 7.5     |      |
| 9-Mar-09  | Cloudy            | Moderate        | 12:33         | Surface   | 1   | 18.7<br>18.8           | 18.8    | 7.7<br>7.7 | 7.7     | 36.4<br>36.2 | 36.3    | 105.0<br>103.1    | 104.1   | 7.9<br>7.7              | 7.8     | 7.7 | 2.7<br>2.7     | 2.7     | 3.6 | 6.0<br>6.0              | 6.0     | 7.8  |
|           |                   |                 |               | Middle    | 5.5 | 19.0<br>19.0           | 19.0    | 7.8<br>8.0 | 7.9     | 36.1<br>36.1 | 36.1    | 101.4<br>100.2    | 100.8   | 7.6<br>7.5              | 7.6     |     | 3.5<br>3.6     | 3.6     |     | 8.0<br>8.0              | 8.0     |      |
|           |                   |                 |               | Bottom    | 10  | 19.1<br>19.1           | 19.1    | 7.9<br>7.8 | 7.9     | 36.1<br>36.1 | 36.1    | 97.4<br>97.0      | 97.2    | 7.3<br>7.3              | 7.3     |     | 4.4<br>4.5     | 4.5     |     | 10.0<br>9.0             | 9.5     |      |
| 11-Mar-09 | Fine              | Calm            | 13:43         | Surface   | 1   | 20.0<br>20.0           | 20.0    | 7.6<br>7.7 | 7.7     | 35.8<br>35.8 | 35.8    | 92.8<br>90.9      | 91.9    | 6.5<br>6.4              | 6.5     | 6.5 | 3.5<br>3.5     | 3.5     | 4.5 | 8.0<br>7.0              | 8.0     | 6.8  |
|           |                   |                 |               | Middle    | 5.5 | 20.0<br>20.0           | 20.0    | 7.9<br>7.8 | 7.9     | 35.5<br>35.6 | 35.6    | 90.5<br>90.5      | 90.5    | 6.4<br>6.4              | 6.4     |     | 5.0<br>5.0     | 5.0     |     | 7.0<br>7.0              | 7.0     |      |
|           |                   |                 |               | Bottom    | 10  | 20.0<br>20.0           | 20.0    | 7.9<br>8.0 | 8.0     | 36.0<br>35.7 | 35.9    | 90.3<br>90.5      | 90.4    | 6.3<br>6.4              | 6.4     |     | 5.0<br>5.0     | 5.0     |     | 5.0<br>6.0              | 5.5     |      |
| 13-Mar-09 | Fine              | Calm            | 14:34         | Surface   | 1   | 19.3<br>19.3           | 19.3    | 8.1<br>8.1 | 8.1     | 36.0<br>36.1 | 36.1    | 93.2<br>91.1      | 92.2    | 6.5<br>6.4              | 6.5     | 6.5 | 2.1<br>1.9     | 2.0     | 2.3 | 9.0<br>9.0              | 9.0     | 8.5  |
|           |                   |                 |               | Middle    | 5.5 | 19.3<br>19.3           | 19.3    | 8.0<br>8.0 | 8.0     | 35.8<br>35.8 | 35.8    | 90.5<br>90.5      | 90.5    | 6.4<br>6.4              | 6.4     |     | 2.3<br>2.3     | 2.3     |     | 9.0<br>9.0              | 9.0     |      |
|           |                   |                 |               | Bottom    | 10  | 19.3<br>19.3           | 19.3    | 8.0<br>7.9 | 8.0     | 36.2<br>35.9 | 36.1    | 90.3<br>90.5      | 90.4    | 6.3<br>6.4              | 6.4     |     | 2.7<br>2.7     | 2.7     |     | 7.0<br>8.0              | 7.5     |      |
| 16-Mar-09 | Sunny             | Calm            | 15:08         | Surface   | 1   | 19.7<br>19.7           | 19.7    | 8.0<br>8.0 | 8.0     | 36.5<br>36.5 | 36.5    | 101.5<br>100.7    | 101.1   | 7.2<br>7.2              | 7.2     | 7.0 | 3.7<br>3.9     | 3.8     | 4.5 | 8.0<br>8.0              | 8.0     | 7.7  |
|           |                   |                 |               | Middle    | 3.5 | 19.6<br>19.6           | 19.6    | 7.8<br>8.1 | 8.0     | 36.1<br>36.1 | 36.1    | 94.6<br>94.3      | 94.5    | 6.8<br>6.7              | 6.8     |     | 4.2<br>4.5     | 4.4     |     | 8.0<br>8.0              | 8.0     |      |
|           |                   |                 |               | Bottom    | 6   | 19.5<br>19.5           | 19.5    | 8.4<br>8.2 | 8.3     | 35.8<br>36.4 | 36.1    | 93.8<br>93.6      | 93.7    | 6.7<br>6.7              | 6.7     |     | 5.3<br>5.4     | 5.4     |     | 7.0<br>7.0              | 7.0     |      |
| 18-Mar-09 | Sunny             | Calm            | 12:53         | Surface   | 1   | 22.6<br>22.7           | 22.7    | 7.9<br>7.8 | 7.9     | 35.9<br>35.9 | 35.9    | 97.1<br>97.3      | 97.2    | 6.4<br>6.4              | 6.4     | 6.4 | 3.9<br>4.0     | 4.0     | 4.5 | 5.0<br>5.0              | 5.0     | 8.3  |
|           |                   |                 |               | Middle    | 5.5 | 22.3<br>22.3           | 22.3    | 7.8<br>7.8 | 7.8     | 35.9<br>35.9 | 35.9    | 89.8<br>90.0      | 89.9    | 6.3<br>6.3              | 6.3     |     | 4.6<br>4.7     | 4.7     |     | 8.0<br>8.0              | 8.0     |      |
|           |                   |                 |               | Bottom    | 10  | 22.2<br>22.2           | 22.2    | 7.7<br>7.7 | 7.7     | 36.2<br>36.0 | 36.1    | 84.5<br>84.3      | 84.4    | 6.2<br>6.2              | 6.2     |     | 4.9<br>4.9     | 4.9     |     | 12.0<br>12.0            | 12.0    |      |
| 23-Mar-09 | Cloudy            | Calm            | 11:59         | Surface   | 1   | 21.3<br>21.2           | 21.3    | 7.6<br>7.7 | 7.7     | 36.3<br>36.4 | 36.4    | 100.9<br>100.2    | 100.6   | 7.3<br>7.2              | 7.3     | 7.2 | 1.8<br>2.0     | 1.9     | 2.4 | 4.0<br>4.0              | 4.0     | 4.2  |
|           |                   |                 |               | Middle    | 5.5 | 20.9<br>20.9           | 20.9    | 7.7<br>7.7 | 7.7     | 36.1<br>36.0 | 36.1    | 98.1<br>98.2      | 98.2    | 7.1<br>7.1              | 7.1     |     | 2.2<br>2.0     | 2.1     |     | 3.0<br>3.0              | 3.0     |      |
|           |                   |                 |               | Bottom    | 10  | 20.7<br>20.7           | 20.7    | 8.0<br>7.7 | 7.9     | 36.5<br>36.7 | 36.6    | 97.9<br>97.9      | 97.9    | 7.1<br>7.1              | 7.1     |     | 3.2<br>3.1     | 3.2     |     | 5.0<br>6.0              | 5.5     |      |
| 25-Mar-09 | Cloudy            | Moderate        | 12:43         | Surface   | 1   | 20.8<br>20.8           | 20.8    | 8.0<br>7.9 | 8.0     | 36.5<br>36.5 | 36.5    | 92.6<br>90.3      | 91.5    | 6.7<br>6.5              | 6.6     | 6.5 | 3.5<br>3.7     | 3.6     | 3.6 | 7.0<br>7.0              | 7.0     | 6.0  |
|           |                   |                 |               | Middle    | 5.5 | 20.8<br>20.8           | 20.8    | 8.0<br>7.9 | 8.0     | 36.7<br>36.7 | 36.7    | 88.8<br>88.8      | 88.8    | 6.4<br>6.4              | 6.4     |     | 3.8<br>3.6     | 3.7     |     | 5.0<br>5.0              | 5.0     |      |
|           |                   |                 |               | Bottom    | 10  | 20.8<br>20.8           | 20.8    | 8.0<br>8.1 | 8.1     | 36.8<br>36.8 | 36.8    | 89.3<br>89.6      | 89.5    | 6.4<br>6.5              | 6.5     |     | 3.5<br>3.6     | 3.6     |     | 6.0<br>6.0              | 6.0     |      |
| 27-Mar-09 | Cloudy            | Moderate        | 13:35         | Surface   | 1   | 21.9<br>21.7           | 21.8    | 7.8<br>7.9 | 7.9     | 36.0<br>36.2 | 36.1    | 97.3<br>96.6      | 97.0    | 6.8<br>6.7              | 6.8     | 6.7 | 2.1<br>2.3     | 2.2     | 2.7 | 8.0<br>8.0              | 8.0     | 7.8  |
|           |                   |                 |               | Middle    | 5.5 | 21.5<br>21.4           | 21.5    | 7.8<br>7.9 | 7.9     | 35.8<br>35.8 | 35.8    | 94.5<br>94.6      | 94.6    | 6.6<br>6.6              | 6.6     |     | 2.5<br>2.3     | 2.4     |     | 7.0<br>7.0              | 7.0     |      |
|           |                   |                 |               | Bottom    | 10  | 21.2<br>21.2           | 21.2    | 8.2<br>7.9 | 8.1     | 36.3<br>36.4 | 36.4    | 94.3<br>94.3      | 94.3    | 6.6<br>6.6              | 6.6     |     | 3.5<br>3.4     | 3.5     |     | 8.0<br>9.0              | 8.5     |      |
| 30-Mar-09 | Cloudy            | Moderate        | 14:47         | Surface   | 1   | 20.7<br>20.7           | 20.7    | 8.2<br>7.9 | 8.1     | 36.3<br>35.2 | 35.8    | 90.2<br>90.0      | 90.1    | 6.4<br>6.3              | 6.4     | 6.4 | 3.2<br>3.1     | 3.2     | 2.4 | 10.0<br>10.0            | 10.0    | 11.3 |
|           |                   |                 |               | Middle    | 5.5 | 20.7<br>20.7           | 20.7    | 7.7<br>8.1 | 7.9     | 35.3<br>35.6 | 35.5    | 88.2<br>88.3      | 88.3    | 6.3<br>6.3              | 6.3     |     | 1.5<br>1.5     | 1.5     |     | 12.0<br>12.0            | 12.0    |      |
|           |                   |                 |               | Bottom    | 10  | 20.8<br>20.8           | 20.8    | 8.0<br>7.8 | 7.9     | 36.5<br>36.5 | 36.5    | 84.1<br>84.1      | 84.1    | 6.1<br>6.1              | 6.1     |     | 2.6<br>2.6     | 2.6     |     | 12.0<br>12.0            | 12.0    |      |

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

### Water Quality Monitoring Results at CF - Mid-Flood Tide

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |   | Water Temperature (°C) |         | pH         |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |            | Turbidity(NTU) |         |              | Suspended Solids (mg/L) |         |      |   |
|-----------|-------------------|-----------------|---------------|-----------|---|------------------------|---------|------------|---------|--------------|---------|-------------------|---------|-------------------------|---------|------------|----------------|---------|--------------|-------------------------|---------|------|---|
|           |                   |                 |               |           |   | Value                  | Average | Value      | Average | Value        | Average | Value             | Average | Value                   | Average | DA*        | Value          | Average | DA*          | Value                   | Average | DA*  |   |
| 2-Mar-09  | Fine              | Moderate        | 08:37         | Surface   | 1 | 18.2<br>18.0           | 18.1    | 8.2<br>8.3 | 8.3     | 34.3<br>34.3 | 34.3    | 98.5<br>99.2      | 98.9    | 7.3<br>7.3              | 7.3     | 7.3        | 1.6<br>1.7     | 1.7     | 2.4          | 7.0<br>7.0              | 7.0     | 8.5  |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              | -       |              | -                       | -       |      | - |
|           |                   |                 |               | Bottom    | 3 | 18.0<br>17.9           | 18.0    | 8.2<br>8.5 | 8.4     | 34.3<br>34.4 | 34.4    | 99.2<br>100.3     | 99.8    | 7.3<br>7.4              | 7.4     | 7.4        | 2.9<br>3.0     | 3.0     |              | 10.0<br>10.0            | 10.0    |      |   |
| 4-Mar-09  | Cloudy            | Moderate        | 10:19         | Surface   | 1 | 20.1<br>20.1           | 20.1    | 7.8<br>8.1 | 8.0     | 35.8<br>35.7 | 35.8    | 100.0<br>99.5     | 99.8    | 7.2<br>7.2              | 7.2     | 6.5<br>6.2 | 6.4            | 5.8     | 4.0<br>4.0   | 4.0                     | 6.0     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 4 | 20.1<br>20.1           | 20.1    | 8.2<br>8.1 | 8.2     | 36.2<br>36.3 | 36.3    | 98.5<br>98.0      | 98.3    | 7.1<br>7.1              | 7.1     | 7.1        | 5.2<br>5.1     |         | 5.2          | 8.0<br>8.0              |         | 8.0  |   |
| 9-Mar-09  | Cloudy            | Moderate        | 16:30         | Surface   | 1 | 19.1<br>19.1           | 19.1    | 8.3<br>8.2 | 8.3     | 35.2<br>35.3 | 35.3    | 101.6<br>101.6    | 101.6   | 7.6<br>7.6              | 7.6     | 4.1<br>4.1 | 4.1            | 4.1     | 7.0<br>7.0   | 7.0                     | 7.0     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 19.1<br>19.1           | 19.1    | 8.2<br>8.0 | 8.1     | 35.3<br>35.3 | 35.3    | 97.3<br>96.3      | 96.8    | 7.3<br>7.2              | 7.3     | 7.3        | 4.0<br>4.1     |         | 4.1          | 7.0<br>7.0              |         | 7.0  |   |
| 11-Mar-09 | Fine              | Calm            | 16:38         | Surface   | 1 | 20.0<br>19.9           | 20.0    | 7.7<br>7.9 | 7.8     | 35.0<br>34.8 | 34.9    | 103.0<br>104.2    | 103.6   | 7.2<br>7.3              | 7.3     | 2.0<br>2.2 | 2.1            | 2.3     | 8.0<br>9.0   | 8.5                     | 0.0     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 20.0<br>20.0           | 20.0    | 8.3<br>8.1 | 8.2     | 35.4<br>35.4 | 35.4    | 101.4<br>101.3    | 101.4   | 7.1<br>7.1              | 7.1     | 7.1        | 2.4<br>2.3     |         | 2.4          | 8.0<br>8.0              |         | 8.0  |   |
| 13-Mar-09 | Fine              | Calm            | 08:15         | Surface   | 1 | 19.3<br>19.3           | 19.3    | 8.0<br>8.2 | 8.1     | 35.1<br>35.3 | 35.2    | 105.8<br>104.4    | 105.1   | 7.4<br>7.3              | 7.4     | 2.1<br>2.0 | 2.1            | 2.4     | 11.0<br>11.0 | 11.0                    | 13.0    |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 19.3<br>19.3           | 19.3    | 8.4<br>8.2 | 8.3     | 35.7<br>35.7 | 35.7    | 102.6<br>102.5    | 102.6   | 7.2<br>7.2              | 7.2     | 7.2        | 2.5<br>2.6     |         | 2.6          | 15.0<br>15.0            |         | 15.0 |   |
| 16-Mar-09 | Sunny             | Calm            | 09:17         | Surface   | 1 | 19.6<br>19.7           | 19.7    | 7.7<br>7.8 | 7.8     | 35.8<br>35.7 | 35.8    | 93.8<br>92.7      | 93.3    | 6.6<br>6.6              | 6.6     | 2.8<br>3.1 | 3.0            | 3.5     | 6.0<br>5.0   | 5.5                     | 7.8     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 19.7<br>19.7           | 19.7    | 8.0<br>7.8 | 7.9     | 35.2<br>35.4 | 35.3    | 91.6<br>91.3      | 91.5    | 6.5<br>6.5              | 6.5     | 6.5        | 3.8<br>3.9     |         | 3.9          | 10.0<br>10.0            |         | 10.0 |   |
| 20-Mar-09 | Sunny             | Calm            | 08:48         | Surface   | 1 | 25.0<br>25.0           | 25.0    | 8.1<br>8.3 | 8.2     | 32.4<br>32.4 | 32.4    | 105.2<br>105.2    | 105.2   | 7.3<br>7.3              | 7.3     | 3.9<br>3.8 | 3.9            | 3.7     | 7.0<br>7.0   | 7.0                     | 7.0     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 24.7<br>24.6           | 24.7    | 7.9<br>8.0 | 8.0     | 33.2<br>33.2 | 33.2    | 106.4<br>105.3    | 105.9   | 7.4<br>7.3              | 7.4     | 7.4        | 3.2<br>3.6     |         | 3.4          | 7.0<br>7.0              |         | 7.0  |   |
| 23-Mar-09 | Cloudy            | Calm            | 16:45         | Surface   | 1 | 21.3<br>21.3           | 21.3    | 7.8<br>7.8 | 7.8     | 36.6<br>36.6 | 36.6    | 107.5<br>107.4    | 107.5   | 7.7<br>7.7              | 7.7     | 2.1<br>2.1 | 2.1            | 2.2     | 3.0<br>3.0   | 3.0                     | 4.3     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 21.1<br>21.0           | 21.1    | 7.7<br>8.2 | 8.0     | 36.1<br>36.1 | 36.1    | 107.5<br>107.1    | 107.3   | 7.8<br>7.7              | 7.8     | 7.8        | 2.1<br>2.2     |         | 2.2          | 6.0<br>5.0              |         | 5.5  |   |
| 25-Mar-09 | Cloudy            | Moderate        | 16:52         | Surface   | 1 | 20.8<br>20.8           | 20.8    | 8.1<br>8.2 | 8.2     | 36.6<br>36.6 | 36.6    | 92.2<br>90.4      | 91.3    | 6.7<br>6.5              | 6.6     | 2.1<br>2.1 | 2.1            | 2.3     | 6.0<br>6.0   | 6.0                     | 7.0     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 20.8<br>20.8           | 20.8    | 8.0<br>8.1 | 8.1     | 35.9<br>35.9 | 35.9    | 90.1<br>90.1      | 90.1    | 6.5<br>6.5              | 6.5     | 6.5        | 2.5<br>2.5     |         | 2.5          | 8.0<br>8.0              |         | 8.0  |   |
| 27-Mar-09 | Cloudy            | Moderate        | 17:29         | Surface   | 1 | 21.9<br>21.9           | 21.9    | 7.9<br>7.9 | 7.9     | 36.3<br>36.4 | 36.4    | 103.9<br>103.8    | 103.9   | 7.2<br>7.2              | 7.2     | 2.4<br>2.4 | 2.4            | 2.5     | 3.0<br>3.0   | 3.0                     | 5.5     |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 21.6<br>21.6           | 21.6    | 7.9<br>8.4 | 8.2     | 35.8<br>35.8 | 35.8    | 103.9<br>103.5    | 103.7   | 7.3<br>7.2              | 7.3     | 7.3        | 2.4<br>2.5     |         | 2.5          | 8.0<br>8.0              |         | 8.0  |   |
| 30-Mar-09 | Cloudy            | Moderate        | 08:13         | Surface   | 1 | 20.9<br>20.9           | 20.9    | 8.2<br>8.4 | 8.3     | 36.9<br>36.9 | 36.9    | 91.5<br>91.2      | 91.4    | 6.6<br>6.6              | 6.6     | 3.9<br>3.8 | 3.9            | 3.8     | 11.0<br>11.0 | 11.0                    | 11.0    |      |   |
|           |                   |                 |               | Middle    | - | -                      | -       | -          | -       | -            | -       | -                 | -       | -                       | -       | -          | -              |         | -            | -                       |         | -    |   |
|           |                   |                 |               | Bottom    | 3 | 20.9<br>20.9           | 20.9    | 7.9<br>8.1 | 8.0     | 36.9<br>36.7 | 36.8    | 91.0<br>91.1      | 91.1    | 6.6<br>6.6              | 6.6     | 6.6        | 3.8<br>3.6     |         | 3.7          | 11.0<br>11.0            |         | 11.0 |   |

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

### Water Quality Monitoring Results at I1 - Mid-Ebb Tide

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH    |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity(NTU) |         |     | Suspended Solids (mg/L) |         |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|-------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|----------------|---------|-----|-------------------------|---------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value          | Average | DA* | Value                   | Average | DA*  |
| 2-Mar-09  | Fine              | Calm            | 16:12         | Surface   | 1   | 18.0                   | 18.0    | 7.9   | 7.9     | 34.4         | 34.4    | 89.9              | 89.9    | 6.6                     | 6.6     | 6.7 | 1.7            | 1.7     | 2.0 | 8.0                     | 8.0     | 7.2  |
|           |                   |                 |               | Middle    | 4.5 | 17.6                   | 17.6    | 8.2   | 8.2     | 34.4         | 34.4    | 90.6              | 89.9    | 6.7                     | 6.6     |     | 2.0            | 2.0     |     | 8.0                     | 8.0     |      |
|           |                   |                 |               | Bottom    | 8   | 17.6                   | 17.6    | 8.1   | 8.1     | 34.4         | 34.4    | 88.7              | 88.7    | 6.6                     | 6.6     |     | 2.4            | 2.4     |     | 5.0                     | 5.5     |      |
| 4-Mar-09  | Cloudy            | Moderate        | 16:07         | Surface   | 1   | 20.1                   | 20.1    | 7.9   | 8.0     | 35.2         | 35.1    | 97.0              | 97.3    | 7.0                     | 7.1     | 7.0 | 3.1            | 3.2     | 3.9 | 4.0                     | 4.5     | 6.8  |
|           |                   |                 |               | Middle    | 4.5 | 20.1                   | 20.1    | 7.8   | 7.8     | 35.6         | 35.6    | 94.3              | 93.9    | 6.8                     | 6.8     |     | 4.2            | 4.2     |     | 9.0                     | 9.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.1                   | 20.1    | 8.0   | 8.0     | 35.6         | 35.6    | 92.1              | 92.1    | 6.6                     | 6.6     |     | 4.4            | 4.4     |     | 7.0                     | 7.0     |      |
| 6-Mar-09  | Cloudy            | Calm            | 08:54         | Surface   | 1   | 19.4                   | 19.5    | 7.6   | 7.1     | 34.0         | 34.1    | 91.0              | 90.9    | 6.7                     | 6.7     | 6.8 | 2.6            | 2.7     | 3.4 | 7.0                     | 7.0     | 7.0  |
|           |                   |                 |               | Middle    | 4.5 | 19.4                   | 19.5    | 7.8   | 7.8     | 33.9         | 33.9    | 96.1              | 95.5    | 6.9                     | 6.9     |     | 3.3            | 3.5     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 8   | 19.5                   | 19.4    | 6.9   | 7.4     | 34.0         | 34.0    | 86.0              | 90.6    | 6.4                     | 6.6     |     | 4.2            | 4.1     |     | 7.0                     | 7.0     |      |
| 9-Mar-09  | Cloudy            | Moderate        | 12:07         | Surface   | 1   | 18.8                   | 18.9    | 7.9   | 7.9     | 36.2         | 36.2    | 98.0              | 98.2    | 7.4                     | 7.4     | 7.4 | 4.5            | 4.5     | 4.2 | 5.0                     | 5.0     | 8.5  |
|           |                   |                 |               | Middle    | 4.5 | 19.1                   | 19.1    | 8.0   | 8.0     | 36.0         | 36.0    | 97.7              | 97.5    | 7.3                     | 7.3     |     | 4.1            | 4.1     |     | 10.0                    | 10.0    |      |
|           |                   |                 |               | Bottom    | 8   | 19.1                   | 19.1    | 8.0   | 8.0     | 36.0         | 36.0    | 96.6              | 96.6    | 7.2                     | 7.2     |     | 3.9            | 3.9     |     | 11.0                    | 10.5    |      |
| 11-Mar-09 | Fine              | Calm            | 13:20         | Surface   | 1   | 20.0                   | 20.0    | 8.0   | 7.9     | 35.9         | 35.9    | 92.9              | 92.5    | 6.5                     | 6.5     | 6.5 | 2.4            | 2.4     | 2.7 | 5.0                     | 5.0     | 7.5  |
|           |                   |                 |               | Middle    | 4.5 | 20.0                   | 20.0    | 8.0   | 7.9     | 35.9         | 35.9    | 90.8              | 90.8    | 6.4                     | 6.4     |     | 2.8            | 2.8     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.0                   | 20.0    | 8.1   | 8.0     | 35.4         | 35.7    | 91.4              | 91.6    | 6.4                     | 6.4     |     | 2.8            | 2.8     |     | 11.0                    | 10.5    |      |
| 13-Mar-09 | Fine              | Calm            | 14:16         | Surface   | 1   | 19.3                   | 19.3    | 8.0   | 7.9     | 36.1         | 36.1    | 93.3              | 92.8    | 6.5                     | 6.5     | 6.5 | 2.3            | 2.3     | 2.6 | 8.0                     | 8.0     | 9.8  |
|           |                   |                 |               | Middle    | 4.5 | 19.3                   | 19.3    | 8.2   | 8.2     | 36.1         | 36.1    | 91.0              | 91.0    | 6.4                     | 6.4     |     | 2.7            | 2.7     |     | 13.0                    | 12.5    |      |
|           |                   |                 |               | Bottom    | 8   | 19.3                   | 19.3    | 7.8   | 8.0     | 35.7         | 36.0    | 91.6              | 91.8    | 6.4                     | 6.4     |     | 2.7            | 2.7     |     | 9.0                     | 9.0     |      |
| 16-Mar-09 | Sunny             | Calm            | 15:26         | Surface   | 1   | 19.9                   | 19.9    | 7.7   | 7.7     | 36.3         | 36.1    | 108.6             | 108.0   | 7.7                     | 7.7     | 7.6 | 2.0            | 2.0     | 2.4 | 6.0                     | 6.0     | 6.0  |
|           |                   |                 |               | Middle    | 4.5 | 19.9                   | 19.9    | 7.6   | 7.7     | 36.2         | 36.3    | 104.8             | 104.5   | 7.4                     | 7.4     |     | 2.1            | 2.2     |     | 6.0                     | 6.0     |      |
|           |                   |                 |               | Bottom    | 8   | 19.9                   | 19.9    | 7.6   | 7.7     | 36.0         | 35.0    | 102.5             | 102.5   | 7.3                     | 7.4     |     | 2.8            | 2.9     |     | 6.0                     | 6.0     |      |
| 18-Mar-09 | Sunny             | Calm            | 12:20         | Surface   | 1   | 22.6                   | 22.6    | 7.7   | 7.7     | 35.9         | 35.9    | 96.3              | 95.2    | 6.3                     | 6.4     | 6.5 | 3.0            | 3.0     | 3.3 | 8.0                     | 8.0     | 5.8  |
|           |                   |                 |               | Middle    | 4.5 | 22.5                   | 22.5    | 7.8   | 7.8     | 36.0         | 36.0    | 91.9              | 91.8    | 6.5                     | 6.5     |     | 3.4            | 3.4     |     | 5.0                     | 5.0     |      |
|           |                   |                 |               | Bottom    | 8   | 22.4                   | 22.4    | 7.8   | 7.8     | 35.8         | 36.0    | 87.2              | 87.1    | 6.2                     | 6.2     |     | 3.5            | 3.5     |     | 4.0                     | 4.5     |      |
| 23-Mar-09 | Cloudy            | Calm            | 11:37         | Surface   | 1   | 21.9                   | 21.9    | 8.3   | 8.0     | 35.9         | 35.9    | 98.4              | 99.1    | 7.0                     | 7.1     | 7.1 | 1.5            | 1.6     | 2.2 | <2.5                    | 2.8     | 3.3  |
|           |                   |                 |               | Middle    | 4.5 | 21.4                   | 21.4    | 8.1   | 8.2     | 36.1         | 36.2    | 99.3              | 99.2    | 7.1                     | 7.1     |     | 2.2            | 2.3     |     | 3.0                     | 3.0     |      |
|           |                   |                 |               | Bottom    | 8   | 21.2                   | 21.2    | 8.0   | 7.9     | 36.4         | 36.4    | 97.4              | 97.4    | 7.0                     | 7.0     |     | 2.8            | 2.8     |     | 4.0                     | 4.0     |      |
| 25-Mar-09 | Cloudy            | Moderate        | 12:30         | Surface   | 1   | 20.8                   | 20.8    | 7.8   | 7.8     | 36.6         | 36.6    | 90.7              | 90.6    | 6.6                     | 6.6     | 6.6 | 1.2            | 1.2     | 1.7 | 7.0                     | 7.0     | 5.5  |
|           |                   |                 |               | Middle    | 4.5 | 20.9                   | 20.9    | 7.9   | 8.0     | 36.6         | 36.7    | 90.1              | 90.1    | 6.5                     | 6.5     |     | 1.7            | 1.8     |     | 6.0                     | 6.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.9                   | 20.9    | 8.0   | 8.0     | 36.7         | 36.1    | 90.1              | 90.1    | 6.5                     | 6.6     |     | 2.0            | 2.1     |     | 3.0                     | 3.5     |      |
| 27-Mar-09 | Cloudy            | Moderate        | 13:17         | Surface   | 1   | 22.5                   | 22.5    | 8.5   | 8.2     | 35.6         | 35.7    | 94.8              | 95.5    | 6.5                     | 6.6     | 6.6 | 1.8            | 1.9     | 2.5 | 9.0                     | 9.0     | 7.5  |
|           |                   |                 |               | Middle    | 4.5 | 21.9                   | 21.9    | 8.3   | 8.4     | 35.8         | 35.9    | 95.7              | 95.6    | 6.6                     | 6.6     |     | 2.5            | 2.6     |     | 9.0                     | 9.0     |      |
|           |                   |                 |               | Bottom    | 8   | 21.7                   | 21.7    | 8.1   | 8.0     | 36.1         | 36.1    | 93.8              | 93.8    | 6.5                     | 6.5     |     | 3.1            | 3.1     |     | 4.0                     | 4.5     |      |
| 30-Mar-09 | Cloudy            | Moderate        | 14:58         | Surface   | 1   | 20.8                   | 20.8    | 8.0   | 7.8     | 36.6         | 36.6    | 97.7              | 97.9    | 6.3                     | 6.4     | 6.4 | 2.5            | 2.5     | 2.3 | 13.0                    | 12.5    | 11.5 |
|           |                   |                 |               | Middle    | 4.5 | 20.8                   | 20.8    | 8.3   | 8.2     | 36.5         | 36.6    | 96.2              | 96.5    | 6.3                     | 6.3     |     | 1.8            | 1.7     |     | 11.0                    | 11.0    |      |
|           |                   |                 |               | Bottom    | 8   | 20.8                   | 20.8    | 8.3   | 8.3     | 36.4         | 36.6    | 95.1              | 95.1    | 6.2                     | 6.2     |     | 2.6            | 2.7     |     | 11.0                    | 11.0    |      |

The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

### Water Quality Monitoring Results at I1 - Mid-Flood Tide

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH    |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity(NTU) |         |     | Suspended Solids (mg/L) |         |     |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|-------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|----------------|---------|-----|-------------------------|---------|-----|
|           |                   |                 |               |           |     | Value                  | Average | Value | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value          | Average | DA* | Value                   | Average | DA* |
| 2-Mar-09  | Fine              | Moderate        | 09:17         | Surface   | 1   | 18.0                   | 18.0    | 8.0   | 8.1     | 34.3         | 34.3    | 104.4             | 104.4   | 7.6                     | 7.6     | 7.4 | 2.4            | 2.4     | 2.7 | 6.0                     | 6.5     | 8.2 |
|           |                   |                 |               | Middle    | 4.5 | 17.9                   | 17.9    | 8.5   | 8.4     | 34.3         | 34.3    | 96.4              | 96.4    | 7.1                     | 7.1     |     | 2.4            | 2.5     |     | 2.5                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 17.8                   | 17.8    | 8.2   | 8.2     | 34.3         | 34.3    | 95.9              | 95.9    | 7.1                     | 7.1     |     | 3.0            | 3.1     |     | 3.1                     |         |     |
| 4-Mar-09  | Cloudy            | Moderate        | 10:50         | Surface   | 1   | 20.2                   | 20.3    | 7.8   | 7.8     | 36.2         | 36.2    | 114.3             | 112.6   | 8.2                     | 8.1     | 7.9 | 1.5            | 1.6     | 2.5 | 5.0                     | 5.0     | 7.2 |
|           |                   |                 |               | Middle    | 4.5 | 20.2                   | 20.2    | 7.8   | 7.8     | 36.3         | 36.3    | 106.9             | 106.6   | 7.7                     | 7.7     |     | 2.6            | 2.6     |     | 2.6                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 20.1                   | 20.1    | 7.9   | 8.1     | 35.9         | 36.0    | 104.3             | 104.1   | 7.5                     | 7.5     |     | 3.1            | 3.1     |     | 3.1                     |         |     |
| 9-Mar-09  | Cloudy            | Moderate        | 17:46         | Surface   | 1   | 17.8                   | 17.9    | 8.1   | 8.0     | 37.2         | 37.2    | 106.1             | 107.2   | 8.1                     | 8.2     | 8.0 | 2.7            | 2.7     | 3.2 | 7.0                     | 7.0     | 6.7 |
|           |                   |                 |               | Middle    | 4.5 | 18.9                   | 19.0    | 8.4   | 8.4     | 36.2         | 36.2    | 104.3             | 103.6   | 7.8                     | 7.8     |     | 2.9            | 3.0     |     | 3.0                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 19.1                   | 19.1    | 8.2   | 8.0     | 36.1         | 36.1    | 98.5              | 98.2    | 7.4                     | 7.4     |     | 3.9            | 4.1     |     | 4.0                     |         |     |
| 11-Mar-09 | Fine              | Calm            | 17:19         | Surface   | 1   | 19.8                   | 19.7    | 7.6   | 7.7     | 33.1         | 34.7    | 102.0             | 104.4   | 7.2                     | 7.4     | 7.1 | 2.1            | 2.1     | 2.4 | 6.0                     | 6.0     | 8.5 |
|           |                   |                 |               | Middle    | 4.5 | 20.0                   | 20.0    | 7.9   | 7.9     | 36.1         | 36.0    | 96.1              | 96.1    | 6.7                     | 6.7     |     | 2.4            | 2.5     |     | 2.5                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 20.0                   | 20.0    | 8.0   | 8.1     | 35.9         | 36.0    | 96.2              | 96.2    | 6.7                     | 6.7     |     | 2.6            | 2.6     |     | 2.6                     |         |     |
| 13-Mar-09 | Fine              | Calm            | 08:48         | Surface   | 1   | 19.1                   | 19.1    | 7.8   | 7.9     | 33.6         | 35.0    | 103.2             | 105.9   | 7.3                     | 7.5     | 7.2 | 2.1            | 2.1     | 2.3 | 10.0                    | 10.0    | 9.0 |
|           |                   |                 |               | Middle    | 4.5 | 19.3                   | 19.3    | 8.2   | 8.2     | 36.3         | 36.2    | 96.7              | 96.7    | 6.8                     | 6.8     |     | 2.3            | 2.4     |     | 2.4                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 19.3                   | 19.3    | 8.2   | 8.2     | 36.3         | 36.3    | 96.8              | 96.8    | 6.8                     | 6.8     |     | 2.5            | 2.5     |     | 2.5                     |         |     |
| 16-Mar-09 | Sunny             | Calm            | 08:50         | Surface   | 1   | 19.8                   | 19.9    | 7.9   | 8.0     | 35.1         | 35.0    | 101.3             | 101.2   | 7.2                     | 7.2     | 7.2 | 2.2            | 2.1     | 2.5 | 9.0                     | 9.0     | 7.3 |
|           |                   |                 |               | Middle    | 4.5 | 19.8                   | 19.8    | 7.8   | 7.8     | 35.7         | 35.6    | 100.9             | 100.7   | 7.1                     | 7.1     |     | 2.3            | 2.4     |     | 2.4                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 19.8                   | 19.8    | 8.1   | 8.1     | 35.9         | 35.9    | 99.7              | 99.7    | 7.1                     | 7.1     |     | 3.0            | 3.1     |     | 3.1                     |         |     |
| 20-Mar-09 | Sunny             | Calm            | 09:17         | Surface   | 1   | 24.3                   | 24.2    | 8.2   | 8.3     | 32.4         | 32.5    | 100.4             | 100.4   | 7.0                     | 7.0     | 6.7 | 3.9            | 4.0     | 3.6 | 8.0                     | 7.5     | 7.8 |
|           |                   |                 |               | Middle    | 4.5 | 25.0                   | 25.0    | 7.8   | 7.9     | 32.7         | 32.7    | 90.0              | 89.7    | 6.3                     | 6.3     |     | 3.6            | 3.6     |     | 3.6                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 25.0                   | 25.0    | 7.7   | 7.8     | 33.2         | 33.3    | 85.0              | 84.3    | 6.1                     | 6.1     |     | 3.2            | 3.2     |     | 3.2                     |         |     |
| 23-Mar-09 | Cloudy            | Calm            | 16:22         | Surface   | 1   | 21.4                   | 21.4    | 7.6   | 7.6     | 35.6         | 35.6    | 101.3             | 101.3   | 7.3                     | 7.3     | 7.3 | 1.3            | 1.3     | 1.4 | 3.0                     | 3.0     | 4.3 |
|           |                   |                 |               | Middle    | 4.5 | 20.9                   | 20.9    | 8.2   | 8.1     | 36.1         | 36.1    | 101.1             | 101.0   | 7.3                     | 7.3     |     | 1.2            | 1.3     |     | 1.3                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 20.9                   | 20.9    | 7.8   | 8.0     | 36.7         | 36.6    | 100.2             | 100.1   | 7.2                     | 7.2     |     | 1.3            | 1.5     |     | 1.5                     |         |     |
| 25-Mar-09 | Cloudy            | Moderate        | 16:39         | Surface   | 1   | 20.8                   | 20.8    | 8.4   | 8.4     | 36.6         | 36.6    | 92.9              | 92.6    | 6.7                     | 6.7     | 6.6 | 1.4            | 1.4     | 2.0 | 9.0                     | 9.0     | 8.0 |
|           |                   |                 |               | Middle    | 5   | 20.8                   | 20.8    | 8.0   | 8.1     | 36.7         | 36.7    | 90.7              | 90.6    | 6.5                     | 6.5     |     | 1.8            | 1.9     |     | 1.9                     |         |     |
|           |                   |                 |               | Bottom    | 9   | 20.8                   | 20.8    | 8.0   | 8.0     | 36.7         | 36.7    | 90.6              | 90.7    | 6.5                     | 6.5     |     | 2.7            | 2.6     |     | 2.7                     |         |     |
| 27-Mar-09 | Cloudy            | Moderate        | 17:08         | Surface   | 1   | 22.0                   | 22.0    | 7.8   | 7.8     | 35.4         | 35.4    | 97.7              | 97.7    | 6.8                     | 6.8     | 6.8 | 1.6            | 1.6     | 1.9 | 3.0                     | 3.0     | 6.2 |
|           |                   |                 |               | Middle    | 4.5 | 21.5                   | 21.5    | 8.4   | 8.3     | 35.8         | 35.8    | 97.5              | 97.3    | 6.8                     | 6.8     |     | 1.6            | 1.8     |     | 1.8                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 21.4                   | 21.4    | 8.0   | 8.1     | 36.4         | 36.4    | 96.6              | 96.5    | 6.7                     | 6.7     |     | 2.3            | 2.3     |     | 2.3                     |         |     |
| 30-Mar-09 | Cloudy            | Moderate        | 08:33         | Surface   | 1   | 20.8                   | 20.8    | 8.3   | 8.4     | 35.2         | 35.6    | 93.4              | 92.8    | 6.6                     | 6.7     | 6.7 | 3.1            | 3.2     | 3.5 | 11.0                    | 11.0    | 9.3 |
|           |                   |                 |               | Middle    | 4.5 | 20.8                   | 20.7    | 7.9   | 7.9     | 35.4         | 35.5    | 91.4              | 91.7    | 6.6                     | 6.7     |     | 3.6            | 3.5     |     | 3.5                     |         |     |
|           |                   |                 |               | Bottom    | 8   | 20.8                   | 20.7    | 7.9   | 7.9     | 35.6         | 35.8    | 92.0              | 90.9    | 6.7                     | 6.4     |     | 3.4            | 3.7     |     | 3.7                     |         |     |

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

**Water Quality Monitoring Results at I2 - Mid-Ebb Tide**

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH    |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity(NTU) |         |     | Suspended Solids (mg/L) |         |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|-------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|----------------|---------|-----|-------------------------|---------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value          | Average | DA* | Value                   | Average | DA*  |
| 2-Mar-09  | Fine              | Calm            | 16:04         | Surface   | 1   | 18.0                   | 18.0    | 8.0   | 8.0     | 34.4         | 34.4    | 92.6              | 91.6    | 6.8                     | 6.7     | 6.7 | 2.0            | 2.1     | 2.2 | 10.0                    | 10.0    | 8.7  |
|           |                   |                 |               | Middle    | 4.5 | 17.8                   | 17.8    | 8.2   | 8.2     | 34.3         | 34.3    | 91.1              | 90.6    | 6.7                     | 6.7     |     | 2.1            | 2.1     |     | 9.0                     | 9.0     |      |
|           |                   |                 |               | Bottom    | 8   | 17.7                   | 17.7    | 8.2   | 8.1     | 34.3         | 34.3    | 90.1              | 88.9    | 6.6                     | 6.6     |     | 2.2            | 2.3     |     | 7.0                     | 7.0     |      |
| 4-Mar-09  | Cloudy            | Moderate        | 15:58         | Surface   | 1   | 20.1                   | 20.1    | 7.8   | 7.9     | 36.0         | 36.3    | 95.6              | 95.4    | 6.9                     | 6.9     | 6.9 | 4.1            | 4.3     | 4.1 | 4.0                     | 4.0     | 5.3  |
|           |                   |                 |               | Middle    | 4.5 | 20.1                   | 20.1    | 8.1   | 8.0     | 36.3         | 36.4    | 94.2              | 94.2    | 6.8                     | 6.8     |     | 4.4            | 4.4     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.1                   | 20.1    | 8.1   | 8.0     | 36.0         | 35.3    | 94.0              | 94.0    | 6.8                     | 6.8     |     | 3.5            | 3.6     |     | 5.0                     | 5.0     |      |
| 6-Mar-09  | Cloudy            | Calm            | 08:43         | Surface   | 1   | 19.4                   | 19.5    | 7.2   | 7.5     | 33.9         | 33.9    | 93.6              | 93.5    | 6.9                     | 6.9     | 6.8 | 1.9            | 1.9     | 2.4 | 9.0                     | 9.0     | 8.0  |
|           |                   |                 |               | Middle    | 4.5 | 19.4                   | 19.4    | 7.1   | 7.2     | 34.0         | 34.1    | 91.8              | 90.9    | 6.7                     | 6.6     |     | 2.1            | 2.2     |     | 8.0                     | 8.0     |      |
|           |                   |                 |               | Bottom    | 8   | 19.5                   | 19.5    | 7.3   | 7.3     | 34.1         | 34.0    | 90.0              | 88.0    | 6.5                     | 6.5     |     | 2.2            | 3.1     |     | 8.0                     | 7.0     |      |
| 9-Mar-09  | Cloudy            | Moderate        | 12:01         | Surface   | 1   | 19.0                   | 19.0    | 7.9   | 7.9     | 36.2         | 36.2    | 101.5             | 101.5   | 7.6                     | 7.6     | 7.5 | 2.7            | 2.7     | 2.8 | 6.0                     | 6.0     | 6.7  |
|           |                   |                 |               | Middle    | 4.5 | 19.1                   | 19.1    | 7.9   | 8.0     | 36.0         | 36.0    | 99.1              | 98.8    | 7.4                     | 7.4     |     | 2.6            | 2.6     |     | 6.0                     | 6.0     |      |
|           |                   |                 |               | Bottom    | 8   | 19.1                   | 19.1    | 8.0   | 8.0     | 36.0         | 36.0    | 98.4              | 96.8    | 7.2                     | 7.2     |     | 2.6            | 3.1     |     | 8.0                     | 8.0     |      |
| 11-Mar-09 | Fine              | Calm            | 13:15         | Surface   | 1   | 19.8                   | 19.9    | 7.8   | 7.8     | 36.0         | 36.1    | 107.6             | 105.9   | 7.5                     | 7.4     | 7.1 | 1.8            | 1.9     | 2.2 | 8.0                     | 8.0     | 7.3  |
|           |                   |                 |               | Middle    | 4.5 | 20.0                   | 20.0    | 7.8   | 7.8     | 36.1         | 36.1    | 104.1             | 97.6    | 7.3                     | 6.8     |     | 2.3            | 2.3     |     | 5.0                     | 5.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.0                   | 20.0    | 7.8   | 8.0     | 36.1         | 36.2    | 97.6              | 98.1    | 6.8                     | 6.8     |     | 2.3            | 2.5     |     | 5.0                     | 9.0     |      |
| 13-Mar-09 | Fine              | Calm            | 14:06         | Surface   | 1   | 19.2                   | 19.2    | 7.9   | 8.0     | 36.3         | 36.3    | 109.4             | 107.6   | 7.6                     | 7.5     | 7.2 | 1.8            | 1.9     | 2.2 | 9.0                     | 9.0     | 9.0  |
|           |                   |                 |               | Middle    | 4.5 | 19.3                   | 19.3    | 8.0   | 8.1     | 36.3         | 36.3    | 105.7             | 98.4    | 7.4                     | 6.9     |     | 2.2            | 2.2     |     | 10.0                    | 10.0    |      |
|           |                   |                 |               | Bottom    | 8   | 19.3                   | 19.3    | 8.1   | 8.1     | 36.4         | 36.4    | 98.4              | 98.9    | 6.9                     | 6.9     |     | 2.2            | 2.4     |     | 10.0                    | 8.0     |      |
| 16-Mar-09 | Sunny             | Calm            | 15:32         | Surface   | 1   | 19.9                   | 19.9    | 7.7   | 7.8     | 36.4         | 36.3    | 102.3             | 102.0   | 7.3                     | 7.3     | 7.2 | 2.8            | 2.7     | 2.9 | 7.0                     | 7.0     | 8.2  |
|           |                   |                 |               | Middle    | 4.5 | 20.0                   | 20.0    | 8.0   | 7.9     | 36.6         | 36.6    | 101.6             | 99.3    | 7.2                     | 7.0     |     | 2.6            | 2.6     |     | 10.0                    | 10.5    |      |
|           |                   |                 |               | Bottom    | 8   | 19.9                   | 19.9    | 8.1   | 8.2     | 36.5         | 36.6    | 99.3              | 98.5    | 7.0                     | 7.0     |     | 2.7            | 3.2     |     | 11.0                    | 7.0     |      |
| 18-Mar-09 | Sunny             | Calm            | 12:10         | Surface   | 1   | 22.5                   | 22.5    | 7.6   | 7.7     | 36.1         | 36.1    | 102.0             | 100.4   | 6.7                     | 6.7     | 6.6 | 2.7            | 2.8     | 3.0 | 9.0                     | 9.0     | 9.5  |
|           |                   |                 |               | Middle    | 4.5 | 22.4                   | 22.4    | 7.6   | 7.6     | 36.1         | 36.1    | 98.8              | 91.5    | 6.6                     | 6.4     |     | 2.8            | 3.0     |     | 5.0                     | 5.0     |      |
|           |                   |                 |               | Bottom    | 8   | 22.3                   | 22.3    | 7.7   | 7.7     | 36.1         | 36.3    | 91.5              | 90.6    | 6.3                     | 6.3     |     | 3.0            | 3.3     |     | 5.0                     | 14.0    |      |
| 23-Mar-09 | Cloudy            | Calm            | 11:31         | Surface   | 1   | 21.8                   | 21.9    | 7.6   | 7.6     | 35.1         | 35.3    | 100.2             | 100.3   | 7.2                     | 7.2     | 7.2 | 1.6            | 1.6     | 1.7 | <2.5                    | <2.5    | 3.5  |
|           |                   |                 |               | Middle    | 4.5 | 21.7                   | 21.7    | 7.5   | 7.8     | 35.5         | 35.7    | 100.4             | 100.4   | 7.2                     | 7.2     |     | 1.8            | 1.8     |     | 3.0                     | 3.0     |      |
|           |                   |                 |               | Bottom    | 8   | 21.1                   | 21.1    | 8.2   | 8.3     | 36.3         | 36.4    | 97.7              | 96.5    | 7.0                     | 7.0     |     | 1.6            | 1.7     |     | 5.0                     | 5.0     |      |
| 25-Mar-09 | Cloudy            | Moderate        | 12:26         | Surface   | 1   | 20.8                   | 20.9    | 7.8   | 7.8     | 36.6         | 36.6    | 91.6              | 91.3    | 6.6                     | 6.6     | 6.6 | 1.1            | 1.1     | 1.0 | 5.0                     | 5.0     | 7.0  |
|           |                   |                 |               | Middle    | 4.5 | 20.9                   | 20.9    | 8.0   | 8.0     | 36.6         | 36.7    | 91.0              | 90.8    | 6.6                     | 6.6     |     | 0.7            | 0.8     |     | 8.0                     | 8.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.9                   | 20.9    | 7.9   | 8.0     | 36.7         | 36.9    | 90.6              | 90.5    | 6.5                     | 6.5     |     | 0.8            | 1.1     |     | 8.0                     | 8.0     |      |
| 27-Mar-09 | Cloudy            | Moderate        | 13:13         | Surface   | 1   | 22.4                   | 22.4    | 7.7   | 7.7     | 34.8         | 35.0    | 96.6              | 96.7    | 6.7                     | 6.7     | 6.7 | 1.9            | 1.9     | 2.0 | 9.0                     | 9.0     | 5.0  |
|           |                   |                 |               | Middle    | 4.5 | 22.2                   | 22.2    | 7.7   | 8.0     | 35.3         | 35.5    | 96.8              | 96.8    | 6.7                     | 6.7     |     | 1.9            | 2.0     |     | 3.0                     | 3.0     |      |
|           |                   |                 |               | Bottom    | 8   | 21.7                   | 21.7    | 8.4   | 8.4     | 35.7         | 36.1    | 96.8              | 93.1    | 6.7                     | 6.5     |     | 2.0            | 2.1     |     | 3.0                     | 3.0     |      |
| 30-Mar-09 | Cloudy            | Moderate        | 15:03         | Surface   | 1   | 20.7                   | 20.8    | 8.0   | 7.9     | 36.3         | 36.3    | 95.5              | 95.5    | 6.2                     | 6.2     | 6.4 | 2.3            | 2.4     | 2.1 | 11.0                    | 11.0    | 12.0 |
|           |                   |                 |               | Middle    | 4.5 | 20.8                   | 20.8    | 8.3   | 8.1     | 36.2         | 36.3    | 93.4              | 93.4    | 6.6                     | 6.6     |     | 1.5            | 1.6     |     | 13.0                    | 13.0    |      |
|           |                   |                 |               | Bottom    | 8   | 20.8                   | 20.8    | 7.7   | 7.8     | 36.2         | 36.6    | 93.4              | 92.2    | 6.6                     | 6.7     |     | 1.6            | 2.4     |     | 12.0                    | 12.0    |      |

The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

### Water Quality Monitoring Results at I2 - Mid-Flood Tide

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH    |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity (NTU) |         |     | Suspended Solids (mg/L) |         |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|-------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|-----------------|---------|-----|-------------------------|---------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value           | Average | DA* | Value                   | Average | DA*  |
| 2-Mar-09  | Fine              | Moderate        | 09:08         | Surface   | 1   | 18.0                   | 18.0    | 8.1   | 8.1     | 34.3         | 34.4    | 95.7              | 95.8    | 7.0                     | 7.1     | 7.0 | 2.0             | 2.1     | 2.5 | 9.0                     | 9.0     | 7.7  |
|           |                   |                 |               | Middle    | 4.5 | 18.0                   | 18.0    | 8.0   | 8.1     | 34.3         | 34.3    | 93.2              | 93.3    | 6.9                     | 6.9     |     | 2.1             | 2.1     |     | 6.0                     | 6.0     |      |
|           |                   |                 |               | Bottom    | 8   | 17.9                   | 17.9    | 8.0   | 8.1     | 34.2         | 34.2    | 92.3              | 92.3    | 6.8                     | 6.8     |     | 2.8             | 2.9     |     | 8.0                     | 8.0     |      |
| 4-Mar-09  | Cloudy            | Moderate        | 10:40         | Surface   | 1   | 20.1                   | 20.1    | 7.7   | 7.7     | 36.2         | 36.2    | 112.4             | 111.6   | 8.1                     | 8.1     | 7.9 | 2.3             | 2.3     | 2.4 | 7.0                     | 7.0     | 5.7  |
|           |                   |                 |               | Middle    | 4.5 | 20.1                   | 20.1    | 7.5   | 7.6     | 36.2         | 36.1    | 105.8             | 105.0   | 7.6                     | 7.6     |     | 2.2             | 2.1     |     | 4.0                     | 4.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.1                   | 20.1    | 7.7   | 7.7     | 35.9         | 36.0    | 103.6             | 103.6   | 7.5                     | 7.5     |     | 2.9             | 2.9     |     | 6.0                     | 6.0     |      |
| 9-Mar-09  | Cloudy            | Moderate        | 17:29         | Surface   | 1   | 19.0                   | 19.1    | 8.0   | 8.0     | 36.0         | 36.0    | 96.9              | 96.6    | 7.3                     | 7.3     | 7.3 | 2.6             | 2.6     | 2.8 | 7.0                     | 7.0     | 8.3  |
|           |                   |                 |               | Middle    | 4.5 | 19.1                   | 19.1    | 8.1   | 8.1     | 35.8         | 35.9    | 96.1              | 96.1    | 7.2                     | 7.2     |     | 2.6             | 2.6     |     | 8.0                     | 8.0     |      |
|           |                   |                 |               | Bottom    | 8   | 19.1                   | 19.1    | 8.1   | 8.1     | 35.9         | 35.9    | 95.5              | 95.3    | 7.1                     | 7.1     |     | 3.2             | 3.3     |     | 10.0                    | 10.0    |      |
| 11-Mar-09 | Fine              | Calm            | 17:08         | Surface   | 1   | 19.9                   | 20.0    | 7.5   | 7.6     | 36.0         | 36.0    | 107.8             | 105.9   | 7.5                     | 7.4     | 7.2 | 2.6             | 2.6     | 2.4 | 4.0                     | 4.5     | 6.7  |
|           |                   |                 |               | Middle    | 4.5 | 20.0                   | 20.0    | 7.6   | 7.6     | 36.0         | 36.0    | 98.6              | 98.6    | 6.9                     | 6.9     |     | 2.1             | 2.1     |     | 6.0                     | 6.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.0                   | 20.0    | 7.5   | 7.6     | 36.1         | 36.1    | 98.7              | 98.7    | 6.9                     | 6.9     |     | 2.4             | 2.5     |     | 9.0                     | 8.5     |      |
| 13-Mar-09 | Fine              | Calm            | 08:40         | Surface   | 1   | 19.2                   | 19.3    | 7.9   | 8.0     | 36.3         | 36.3    | 109.8             | 107.7   | 7.6                     | 7.5     | 7.3 | 2.5             | 2.5     | 2.3 | 9.0                     | 9.0     | 12.0 |
|           |                   |                 |               | Middle    | 4.5 | 19.3                   | 19.3    | 8.2   | 8.1     | 36.3         | 36.3    | 99.6              | 99.6    | 7.0                     | 7.0     |     | 2.1             | 2.1     |     | 10.0                    | 10.0    |      |
|           |                   |                 |               | Bottom    | 8   | 19.3                   | 19.3    | 8.2   | 8.2     | 36.3         | 36.3    | 99.7              | 99.7    | 7.0                     | 7.0     |     | 2.3             | 2.4     |     | 17.0                    | 17.0    |      |
| 16-Mar-09 | Sunny             | Calm            | 08:58         | Surface   | 1   | 19.8                   | 19.8    | 8.1   | 8.0     | 35.1         | 35.5    | 97.8              | 97.8    | 6.9                     | 6.9     | 6.9 | 2.8             | 2.9     | 3.0 | 4.0                     | 4.5     | 6.8  |
|           |                   |                 |               | Middle    | 5   | 19.8                   | 19.8    | 8.2   | 8.1     | 35.8         | 35.8    | 97.4              | 97.3    | 6.9                     | 6.9     |     | 2.9             | 2.9     |     | 10.0                    | 10.0    |      |
|           |                   |                 |               | Bottom    | 9   | 19.8                   | 19.8    | 8.2   | 8.1     | 35.7         | 35.1    | 96.6              | 96.6    | 6.8                     | 6.9     |     | 3.2             | 3.3     |     | 6.0                     | 6.0     |      |
| 20-Mar-09 | Sunny             | Calm            | 09:09         | Surface   | 1   | 24.4                   | 24.3    | 7.8   | 7.9     | 33.3         | 33.3    | 103.4             | 103.1   | 7.2                     | 7.2     | 6.7 | 3.3             | 3.3     | 4.0 | 8.0                     | 8.0     | 7.8  |
|           |                   |                 |               | Middle    | 5   | 24.9                   | 24.9    | 7.7   | 7.9     | 33.8         | 33.8    | 89.3              | 88.6    | 6.2                     | 6.2     |     | 3.6             | 3.5     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 9   | 24.9                   | 24.9    | 8.0   | 7.8     | 34.6         | 34.6    | 87.8              | 87.0    | 6.1                     | 6.3     |     | 5.2             | 5.1     |     | 9.0                     | 8.5     |      |
| 23-Mar-09 | Cloudy            | Calm            | 16:28         | Surface   | 1   | 21.4                   | 21.4    | 8.4   | 8.2     | 36.3         | 36.3    | 103.1             | 103.2   | 7.4                     | 7.4     | 7.4 | 1.5             | 1.6     | 1.8 | 6.0                     | 6.0     | 4.3  |
|           |                   |                 |               | Middle    | 4.5 | 21.2                   | 21.2    | 7.9   | 8.1     | 36.4         | 36.4    | 103.0             | 102.9   | 7.4                     | 7.4     |     | 1.4             | 1.4     |     | 4.0                     | 4.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.8                   | 20.8    | 7.7   | 7.6     | 36.8         | 36.8    | 101.2             | 100.9   | 7.3                     | 7.3     |     | 2.1             | 2.3     |     | <2.5                    | 2.8     |      |
| 25-Mar-09 | Cloudy            | Moderate        | 16:42         | Surface   | 1   | 20.8                   | 20.8    | 8.0   | 8.1     | 36.5         | 36.5    | 95.7              | 95.2    | 6.9                     | 6.9     | 6.8 | 0.9             | 0.9     | 1.1 | 8.0                     | 8.5     | 8.2  |
|           |                   |                 |               | Middle    | 4.5 | 20.8                   | 20.8    | 8.0   | 8.1     | 36.6         | 36.6    | 92.6              | 92.5    | 6.7                     | 6.7     |     | 0.9             | 0.9     |     | 8.0                     | 8.0     |      |
|           |                   |                 |               | Bottom    | 8   | 20.9                   | 20.9    | 8.1   | 8.1     | 36.7         | 36.7    | 91.6              | 91.5    | 6.6                     | 6.6     |     | 1.4             | 1.5     |     | 8.0                     | 8.0     |      |
| 27-Mar-09 | Cloudy            | Moderate        | 17:12         | Surface   | 1   | 21.9                   | 21.9    | 8.6   | 8.4     | 36.0         | 36.0    | 99.5              | 99.6    | 6.9                     | 6.9     | 6.9 | 1.8             | 1.9     | 2.1 | 4.0                     | 4.0     | 3.8  |
|           |                   |                 |               | Middle    | 4.5 | 21.7                   | 21.7    | 8.1   | 8.3     | 36.2         | 36.2    | 99.4              | 99.3    | 6.9                     | 6.9     |     | 1.7             | 1.7     |     | 4.0                     | 4.0     |      |
|           |                   |                 |               | Bottom    | 8   | 21.4                   | 21.4    | 7.9   | 7.8     | 36.5         | 36.6    | 97.6              | 96.9    | 6.8                     | 6.8     |     | 2.4             | 2.6     |     | 3.0                     | 3.5     |      |
| 30-Mar-09 | Cloudy            | Moderate        | 08:29         | Surface   | 1   | 20.7                   | 20.7    | 7.9   | 7.9     | 35.8         | 35.7    | 92.3              | 92.6    | 6.4                     | 6.4     | 6.4 | 2.4             | 2.7     | 2.9 | 11.0                    | 10.5    | 11.8 |
|           |                   |                 |               | Middle    | 4.5 | 20.7                   | 20.7    | 7.8   | 7.9     | 35.4         | 35.8    | 91.8              | 92.7    | 6.4                     | 6.4     |     | 2.7             | 2.5     |     | 13.0                    | 13.0    |      |
|           |                   |                 |               | Bottom    | 8   | 20.8                   | 20.9    | 8.1   | 7.7     | 36.0         | 35.0    | 86.3              | 85.7    | 6.3                     | 6.3     |     | 3.5             | 3.4     |     | 12.0                    | 12.0    |      |

The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

**Water Quality Monitoring Results at Intake A - Mid-Ebb Tide**

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH         |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         | Turbidity(NTU) |            |            | Suspended Solids (mg/L) |              |            |      |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|------------|---------|--------------|---------|-------------------|---------|-------------------------|---------|----------------|------------|------------|-------------------------|--------------|------------|------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value      | Average | Value        | Average | Value             | Average | Value                   | Average | DA*            | Value      | Average    | DA*                     | Value        | Average    | DA*  |      |
| 2-Mar-09  | Fine              | Calm            | 15:41         | Surface   | 1   | 18.2<br>18.1           | 18.2    | 8.1<br>7.8 | 8.0     | 34.0<br>34.0 | 34.0    | 95.6<br>95.7      | 95.7    | 7.0<br>7.0              | 7.0     | 7.0            | 7.0        | 2.3<br>2.3 | 2.3                     | 2.4          | 8.0<br>8.0 | 8.0  | 10.3 |
|           |                   |                 |               | Middle    | 5   | 17.8<br>17.8           | 17.8    | 8.3<br>8.1 | 8.2     | 34.1<br>34.2 | 34.2    | 96.5<br>93.2      | 94.9    | 7.1<br>6.9              | 7.0     | 2.4<br>2.5     |            | 2.5        | 8.0<br>8.0              |              | 8.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 18.0<br>18.0           | 18.0    | 8.1<br>8.1 | 8.1     | 34.3<br>34.4 | 34.4    | 93.2<br>93.1      | 93.2    | 6.9<br>6.9              | 6.9     | 2.4<br>2.4     |            | 2.4        | 15.0<br>15.0            |              | 15.0       |      |      |
| 4-Mar-09  | Cloudy            | Moderate        | 16:50         | Surface   | 1   | 20.1<br>20.1           | 20.1    | 8.0<br>7.8 | 7.9     | 36.5<br>34.0 | 35.3    | 101.7<br>100.6    | 101.2   | 7.3<br>7.3              | 7.3     | 7.2            | 2.5<br>2.4 | 2.5        | 2.6                     | 5.0<br>5.0   | 5.0        | 5.0  |      |
|           |                   |                 |               | Middle    | 5   | 20.1<br>20.1           | 20.1    | 8.0<br>8.0 | 8.0     | 36.5<br>36.5 | 36.5    | 97.7<br>97.5      | 97.6    | 7.0<br>7.0              | 7.0     |                | 2.3<br>2.2 | 2.3        |                         | 4.0<br>4.0   | 4.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.1<br>20.1           | 20.1    | 7.8<br>7.9 | 7.9     | 36.4<br>36.4 | 36.4    | 96.7<br>96.5      | 96.6    | 7.0<br>6.9              | 7.0     |                | 2.9<br>2.8 | 2.9        |                         | 6.0<br>6.0   | 6.0        |      |      |
| 6-Mar-09  | Cloudy            | Calm            | 08:31         | Surface   | 1   | 19.5<br>19.6           | 19.6    | 6.9<br>6.9 | 6.9     | 33.9<br>33.9 | 33.9    | 94.8<br>94.5      | 94.7    | 6.9<br>6.8              | 6.9     | 7.6            | 1.8<br>2.0 | 1.9        | 2.3                     | 4.0<br>5.0   | 4.5        | 6.5  |      |
|           |                   |                 |               | Middle    | 5   | 19.4<br>19.3           | 19.4    | 7.4<br>7.9 | 7.7     | 33.9<br>33.9 | 33.9    | 110.5<br>114.3    | 112.4   | 8.2<br>8.3              | 8.3     |                | 1.9<br>2.1 | 2.0        |                         | 8.0<br>8.0   | 8.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 19.5<br>19.4           | 19.5    | 7.0<br>7.1 | 7.1     | 33.9<br>33.9 | 33.9    | 94.8<br>95.3      | 95.1    | 6.8<br>6.9              | 6.9     |                | 2.9<br>2.9 | 2.9        |                         | 7.0<br>7.0   | 7.0        |      |      |
| 9-Mar-09  | Cloudy            | Moderate        | 11:44         | Surface   | 1   | 18.6<br>18.8           | 18.7    | 7.9<br>7.9 | 7.9     | 36.2<br>36.1 | 36.2    | 98.7<br>99.6      | 99.2    | 7.4<br>7.5              | 7.5     | 7.4            | 2.6<br>2.7 | 2.7        | 2.9                     | 3.0<br>3.0   | 3.0        | 5.0  |      |
|           |                   |                 |               | Middle    | 5   | 19.1<br>19.1           | 19.1    | 8.2<br>8.0 | 8.1     | 35.8<br>35.8 | 35.8    | 97.6<br>97.0      | 97.3    | 7.3<br>7.3              | 7.3     |                | 2.9<br>3.0 | 3.0        |                         | 6.0<br>6.0   | 6.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 19.1<br>19.1           | 19.1    | 7.8<br>8.0 | 7.9     | 35.8<br>35.8 | 35.8    | 96.0<br>96.0      | 96.0    | 7.2<br>7.2              | 7.2     |                | 3.0<br>3.0 | 3.0        |                         | 6.0<br>6.0   | 6.0        |      |      |
| 11-Mar-09 | Fine              | Calm            | 13:04         | Surface   | 1   | 19.3<br>19.8           | 19.6    | 7.8<br>7.8 | 7.8     | 36.6<br>36.2 | 36.4    | 109.4<br>104.2    | 106.8   | 7.7<br>7.3              | 7.5     | 7.2            | 1.8<br>1.7 | 1.8        | 2.1                     | 10.0<br>10.0 | 10.0       | 7.8  |      |
|           |                   |                 |               | Middle    | 5   | 20.0<br>20.0           | 20.0    | 8.1<br>8.1 | 8.1     | 36.1<br>36.1 | 36.1    | 99.4<br>98.9      | 99.2    | 6.9<br>6.9              | 6.9     |                | 2.2<br>2.1 | 2.2        |                         | 6.0<br>6.0   | 6.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.0<br>20.0           | 20.0    | 7.5<br>7.9 | 7.7     | 36.1<br>36.1 | 36.1    | 98.6<br>98.6      | 98.6    | 6.9<br>6.9              | 6.9     |                | 2.2<br>2.1 | 2.2        |                         | 8.0<br>7.0   | 7.5        |      |      |
| 13-Mar-09 | Fine              | Calm            | 13:50         | Surface   | 1   | 18.7<br>19.1           | 18.9    | 8.2<br>7.9 | 8.1     | 36.7<br>36.4 | 36.6    | 111.4<br>105.8    | 108.6   | 7.8<br>7.4              | 7.6     | 7.3            | 2.1<br>2.0 | 2.1        | 2.2                     | 9.0<br>9.0   | 9.0        | 10.0 |      |
|           |                   |                 |               | Middle    | 5   | 19.3<br>19.3           | 19.3    | 8.2<br>8.4 | 8.3     | 36.3<br>36.3 | 36.3    | 100.4<br>99.9     | 100.2   | 7.0<br>7.0              | 7.0     |                | 2.2<br>2.1 | 2.2        |                         | 9.0<br>9.0   | 9.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 19.3<br>19.3           | 19.3    | 8.0<br>8.1 | 8.1     | 36.3<br>36.3 | 36.3    | 99.6<br>99.6      | 99.6    | 7.0<br>6.9              | 7.0     |                | 2.2<br>2.1 | 2.2        |                         | 12.0<br>12.0 | 12.0       |      |      |
| 16-Mar-09 | Sunny             | Calm            | 15:41         | Surface   | 1   | 20.1<br>20.1           | 20.1    | 8.5<br>8.2 | 8.4     | 36.7<br>36.7 | 36.7    | 106.6<br>104.9    | 105.8   | 7.5<br>7.4              | 7.5     | 7.4            | 1.5<br>1.4 | 1.5        | 1.7                     | 7.0<br>7.0   | 7.0        | 6.7  |      |
|           |                   |                 |               | Middle    | 5.5 | 20.0<br>20.0           | 20.0    | 8.1<br>7.7 | 7.9     | 36.6<br>36.7 | 36.7    | 101.8<br>101.3    | 101.6   | 7.2<br>7.2              | 7.2     |                | 1.6<br>1.6 | 1.6        |                         | 6.0<br>6.0   | 6.0        |      |      |
|           |                   |                 |               | Bottom    | 10  | 19.9<br>19.9           | 19.9    | 7.8<br>7.7 | 7.8     | 36.6<br>36.6 | 36.6    | 100.0<br>99.5     | 99.8    | 7.1<br>7.0              | 7.1     |                | 1.9<br>1.9 | 1.9        |                         | 7.0<br>7.0   | 7.0        |      |      |
| 18-Mar-09 | Sunny             | Calm            | 11:55         | Surface   | 1   | 22.3<br>22.3           | 22.3    | 7.7<br>7.6 | 7.7     | 36.4<br>36.2 | 36.3    | 109.3<br>104.7    | 107.0   | 6.9<br>6.7              | 6.8     | 6.6            | 2.6<br>2.5 | 2.6        | 2.9                     | 12.0<br>12.0 | 12.0       | 9.3  |      |
|           |                   |                 |               | Middle    | 5   | 21.6<br>21.6           | 21.6    | 7.7<br>7.8 | 7.8     | 36.1<br>36.2 | 36.2    | 99.1<br>98.5      | 98.8    | 6.4<br>6.4              | 6.4     |                | 2.9<br>2.8 | 2.9        |                         | 8.0<br>8.0   | 8.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 21.6<br>21.6           | 21.6    | 7.7<br>7.8 | 7.8     | 36.2<br>36.2 | 36.2    | 97.9<br>97.3      | 97.6    | 6.4<br>6.4              | 6.4     |                | 3.2<br>3.2 | 3.2        |                         | 8.0<br>8.0   | 8.0        |      |      |
| 23-Mar-09 | Cloudy            | Calm            | 11:20         | Surface   | 1   | 21.3<br>21.4           | 21.4    | 7.7<br>7.7 | 7.7     | 35.3<br>35.2 | 35.3    | 101.5<br>101.4    | 101.5   | 7.3<br>7.3              | 7.3     | 7.4            | 1.2<br>1.4 | 1.3        | 2.3                     | 4.0<br>4.0   | 4.0        | 4.7  |      |
|           |                   |                 |               | Middle    | 5   | 20.9<br>20.9           | 20.9    | 7.6<br>7.5 | 7.6     | 36.1<br>36.0 | 36.1    | 102.0<br>102.0    | 102.0   | 7.4<br>7.4              | 7.4     |                | 2.0<br>2.3 | 2.2        |                         | 6.0<br>6.0   | 6.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.7<br>20.7           | 20.7    | 8.0<br>8.0 | 8.0     | 36.2<br>36.3 | 36.3    | 100.8<br>100.4    | 100.6   | 7.3<br>7.3              | 7.3     |                | 3.4<br>3.5 | 3.5        |                         | 4.0<br>4.0   | 4.0        |      |      |
| 25-Mar-09 | Cloudy            | Moderate        | 12:21         | Surface   | 1   | 20.8<br>20.8           | 20.8    | 7.9<br>7.8 | 7.9     | 36.6<br>36.6 | 36.6    | 91.3<br>90.8      | 91.1    | 6.6<br>6.6              | 6.6     | 6.5            | 2.0<br>2.1 | 2.1        | 3.0                     | 7.0<br>7.0   | 7.0        | 7.0  |      |
|           |                   |                 |               | Middle    | 5.5 | 20.8<br>20.8           | 20.8    | 7.9<br>8.0 | 8.0     | 36.7<br>36.7 | 36.7    | 89.1<br>88.7      | 88.9    | 6.4<br>6.4              | 6.4     |                | 2.8<br>2.9 | 2.9        |                         | 6.0<br>6.0   | 6.0        |      |      |
|           |                   |                 |               | Bottom    | 10  | 20.8<br>20.8           | 20.8    | 7.8<br>7.9 | 7.9     | 36.8<br>36.7 | 36.8    | 88.5<br>88.5      | 88.5    | 6.4<br>6.4              | 6.4     |                | 3.9<br>3.9 | 3.9        |                         | 8.0<br>8.0   | 8.0        |      |      |
| 27-Mar-09 | Cloudy            | Moderate        | 13:02         | Surface   | 1   | 21.8<br>22.0           | 21.9    | 7.9<br>7.8 | 7.9     | 35.1<br>34.9 | 35.0    | 97.9<br>97.8      | 97.9    | 6.8<br>6.8              | 6.8     | 6.9            | 1.5<br>1.7 | 1.6        | 2.6                     | 7.0<br>6.0   | 6.5        | 5.2  |      |
|           |                   |                 |               | Middle    | 5   | 21.5<br>21.4           | 21.5    | 7.7<br>7.7 | 7.7     | 35.8<br>35.8 | 35.8    | 98.4<br>98.4      | 98.4    | 6.9<br>6.9              | 6.9     |                | 2.3<br>2.6 | 2.5        |                         | 5.0<br>5.0   | 5.0        |      |      |
|           |                   |                 |               | Bottom    | 9   | 21.3<br>21.3           | 21.3    | 8.2<br>8.2 | 8.2     | 35.9<br>36.0 | 36.0    | 97.2<br>96.8      | 97.0    | 6.8<br>6.8              | 6.8     |                | 3.7<br>3.8 | 3.8        |                         | 4.0<br>4.0   | 4.0        |      |      |
| 30-Mar-09 | Cloudy            | Moderate        | 15:11         | Surface   | 1   | 20.8<br>20.8           | 20.8    | 7.6<br>7.5 | 7.6     | 36.6<br>36.7 | 36.7    | 92.0<br>90.9      | 91.5    | 6.7<br>6.4              | 6.6     | 6.5            | 2.4<br>2.3 | 2.4        | 2.2                     | 9.0<br>10.0  | 9.5        | 10.2 |      |
|           |                   |                 |               | Middle    | 5   | 20.8<br>20.8           | 20.8    | 8.2<br>8.1 | 8.2     | 35.6<br>36.6 | 36.1    | 88.9<br>88.7      | 88.8    | 6.4<br>6.4              | 6.4     |                | 2.5<br>2.5 | 2.5        |                         | 10.0<br>10.0 | 10.0       |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.9<br>20.9           | 20.9    | 8.0<br>8.2 | 8.1     | 36.2<br>36.7 | 36.5    | 87.3<br>86.5      | 86.9    | 6.4<br>6.4              | 6.4     |                | 1.6<br>1.8 | 1.7        |                         | 11.0<br>11.0 | 11.0       |      |      |

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

**Water Quality Monitoring Results at Intake A - Mid-Flood Tide**

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH    |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity (NTU) |         |      | Suspended Solids (mg/L) |         |      |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|-------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|-----------------|---------|------|-------------------------|---------|------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value           | Average | DA*  | Value                   | Average | DA*  |      |
| 2-Mar-09  | Fine              | Moderate        | 08:53         | Surface   | 1   | 18.2                   | 18.2    | 7.9   | 8.1     | 34.4         | 34.4    | 97.5              | 97.5    | 7.2                     | 7.2     | 7.1 | 2.2             | 2.2     | 2.5  | 8.0                     | 8.5     | 10.2 |      |
|           |                   |                 |               | Middle    | 5   | 18.2                   | 18.2    | 8.1   | 8.1     | 34.4         | 34.4    | 94.9              | 94.6    | 7.0                     | 7.0     |     | 2.4             | 2.5     |      | 12.0                    | 12.0    |      |      |
|           |                   |                 |               | Bottom    | 9   | 18.0                   | 17.9    | 8.2   | 8.3     | 34.4         | 34.4    | 94.5              | 94.1    | 7.0                     | 7.0     |     | 2.8             | 2.8     |      | 10.0                    | 10.0    |      |      |
| 4-Mar-09  | Cloudy            | Moderate        | 10:28         | Surface   | 1   | 20.1                   | 20.1    | 7.8   | 7.8     | 36.3         | 36.1    | 113.8             | 105.1   | 109.5                   | 7.6     | 7.9 | 7.5             | 3.8     | 3.8  | 3.7                     | 6.0     | 6.5  | 7.0  |
|           |                   |                 |               | Middle    | 5   | 20.1                   | 20.1    | 8.0   | 7.9     | 36.2         | 36.2    | 99.3              | 99.2    | 7.1                     | 7.1     | 3.4 |                 | 3.4     | 8.0  |                         | 8.0     |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.1                   | 20.1    | 7.9   | 8.0     | 36.0         | 36.2    | 97.9              | 97.9    | 7.1                     | 7.1     | 3.9 |                 | 4.0     | 7.0  |                         | 6.5     |      |      |
| 9-Mar-09  | Cloudy            | Moderate        | 17:01         | Surface   | 1   | 19.0                   | 19.0    | 8.3   | 8.1     | 36.0         | 36.0    | 101.4             | 100.0   | 100.7                   | 7.6     | 7.6 | 7.5             | 2.9     | 2.9  | 3.0                     | 7.0     | 7.0  | 8.3  |
|           |                   |                 |               | Middle    | 5   | 19.1                   | 19.1    | 8.4   | 8.3     | 35.9         | 35.9    | 97.3              | 97.3    | 7.3                     | 7.3     | 3.1 |                 | 3.1     | 7.0  |                         | 7.0     |      |      |
|           |                   |                 |               | Bottom    | 9   | 19.1                   | 19.1    | 7.9   | 8.0     | 35.9         | 35.9    | 95.2              | 95.2    | 7.1                     | 7.1     | 3.0 |                 | 3.0     | 11.0 |                         | 11.0    |      |      |
| 11-Mar-09 | Fine              | Calm            | 16:56         | Surface   | 1   | 19.9                   | 19.9    | 7.6   | 7.6     | 36.1         | 36.1    | 97.5              | 98.7    | 98.1                    | 6.8     | 6.9 | 6.8             | 2.6     | 2.6  | 2.6                     | 7.0     | 7.0  | 5.0  |
|           |                   |                 |               | Middle    | 5   | 20.0                   | 20.0    | 7.9   | 7.8     | 36.1         | 36.1    | 95.5              | 95.5    | 6.7                     | 6.7     | 2.6 |                 | 2.6     | 7.0  |                         | 7.0     |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.0                   | 20.0    | 7.8   | 8.1     | 36.1         | 36.1    | 94.6              | 94.3    | 6.6                     | 6.6     | 2.7 |                 | 2.7     | 7.0  |                         | 7.0     |      |      |
| 13-Mar-09 | Fine              | Calm            | 08:26         | Surface   | 1   | 19.2                   | 19.3    | 8.3   | 8.2     | 36.3         | 36.3    | 98.3              | 99.7    | 99.0                    | 6.9     | 7.0 | 6.9             | 2.5     | 2.5  | 2.5                     | 7.0     | 7.5  | 10.0 |
|           |                   |                 |               | Middle    | 5   | 19.3                   | 19.3    | 8.3   | 8.2     | 36.3         | 36.3    | 96.1              | 96.1    | 6.7                     | 6.7     | 2.5 |                 | 2.5     | 13.0 |                         | 13.0    |      |      |
|           |                   |                 |               | Bottom    | 9   | 19.3                   | 19.3    | 8.2   | 8.2     | 36.3         | 36.3    | 95.2              | 95.0    | 6.7                     | 6.7     | 2.6 |                 | 2.6     | 9.0  |                         | 9.5     |      |      |
| 16-Mar-09 | Sunny             | Calm            | 09:07         | Surface   | 1   | 19.9                   | 20.0    | 8.2   | 8.0     | 35.2         | 35.6    | 98.3              | 98.3    | 98.3                    | 7.0     | 7.0 | 7.0             | 2.3     | 2.3  | 2.4                     | 6.0     | 6.0  | 6.3  |
|           |                   |                 |               | Middle    | 5.5 | 19.9                   | 19.9    | 8.1   | 8.2     | 35.9         | 35.7    | 98.3              | 98.1    | 6.9                     | 6.9     | 2.2 |                 | 2.2     | 6.0  |                         | 6.0     |      |      |
|           |                   |                 |               | Bottom    | 10  | 19.8                   | 19.8    | 7.8   | 7.9     | 35.6         | 34.5    | 97.2              | 96.8    | 6.9                     | 7.0     | 2.7 |                 | 2.8     | 7.0  |                         | 7.0     |      |      |
| 20-Mar-09 | Sunny             | Calm            | 08:58         | Surface   | 1   | 24.3                   | 24.3    | 8.0   | 7.8     | 32.7         | 32.7    | 101.6             | 100.9   | 101.3                   | 7.1     | 7.1 | 6.7             | 3.8     | 3.8  | 3.5                     | 7.0     | 7.0  | 8.3  |
|           |                   |                 |               | Middle    | 5   | 24.7                   | 24.7    | 8.2   | 8.1     | 33.2         | 33.2    | 88.1              | 88.1    | 6.2                     | 6.2     | 3.7 |                 | 3.7     | 10.0 |                         | 10.0    |      |      |
|           |                   |                 |               | Bottom    | 9   | 24.5                   | 24.5    | 7.7   | 8.0     | 33.3         | 33.3    | 84.5              | 83.7    | 6.1                     | 6.1     | 3.1 |                 | 3.1     | 8.0  |                         | 8.0     |      |      |
| 23-Mar-09 | Cloudy            | Calm            | 16:37         | Surface   | 1   | 21.3                   | 21.3    | 7.6   | 7.6     | 35.4         | 35.5    | 104.0             | 103.6   | 103.8                   | 7.5     | 7.5 | 7.5             | 1.5     | 1.5  | 2.1                     | 4.0     | 4.0  | 4.8  |
|           |                   |                 |               | Middle    | 5   | 21.1                   | 21.1    | 8.2   | 8.1     | 36.0         | 36.0    | 103.0             | 102.6   | 7.4                     | 7.4     | 2.1 |                 | 2.1     | 8.0  |                         | 8.0     |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.8                   | 20.9    | 7.9   | 7.9     | 36.2         | 36.2    | 100.3             | 100.2   | 7.3                     | 7.3     | 2.6 |                 | 2.6     | <2.5 |                         | <2.5    |      |      |
| 25-Mar-09 | Cloudy            | Moderate        | 16:46         | Surface   | 1   | 20.8                   | 20.8    | 8.3   | 8.2     | 36.7         | 36.6    | 95.3              | 94.7    | 95.0                    | 6.9     | 6.9 | 6.8             | 1.2     | 1.2  | 1.1                     | 8.0     | 8.0  | 7.3  |
|           |                   |                 |               | Middle    | 5   | 20.8                   | 20.8    | 8.0   | 8.1     | 36.6         | 36.6    | 92.0              | 91.9    | 6.6                     | 6.6     | 0.8 |                 | 0.9     | 7.0  |                         | 7.0     |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.9                   | 20.9    | 8.3   | 8.2     | 36.6         | 36.6    | 91.3              | 91.1    | 6.6                     | 6.6     | 1.1 |                 | 1.1     | 7.0  |                         | 7.0     |      |      |
| 27-Mar-09 | Cloudy            | Moderate        | 17:22         | Surface   | 1   | 21.9                   | 21.9    | 7.7   | 7.7     | 35.1         | 35.2    | 100.4             | 100.0   | 100.2                   | 7.0     | 7.0 | 7.0             | 1.8     | 1.8  | 2.4                     | 8.0     | 8.0  | 4.7  |
|           |                   |                 |               | Middle    | 5   | 21.6                   | 21.6    | 8.4   | 8.3     | 35.7         | 35.6    | 99.4              | 99.0    | 6.9                     | 6.9     | 2.4 |                 | 2.4     | 3.0  |                         | 3.0     |      |      |
|           |                   |                 |               | Bottom    | 9   | 21.4                   | 21.4    | 8.1   | 8.1     | 35.9         | 35.9    | 96.7              | 96.6    | 6.8                     | 6.8     | 2.9 |                 | 2.9     | 3.0  |                         | 3.0     |      |      |
| 30-Mar-09 | Cloudy            | Moderate        | 08:18         | Surface   | 1   | 20.9                   | 20.9    | 8.1   | 7.9     | 36.2         | 36.4    | 92.0              | 93.1    | 92.6                    | 6.6     | 6.6 | 6.6             | 3.2     | 3.0  | 2.7                     | 11.0    | 11.0 | 11.5 |
|           |                   |                 |               | Middle    | 5   | 20.9                   | 20.9    | 8.2   | 8.1     | 36.3         | 36.1    | 91.0              | 90.4    | 6.6                     | 6.6     | 2.5 |                 | 2.5     | 10.0 |                         | 10.5    |      |      |
|           |                   |                 |               | Bottom    | 9   | 20.9                   | 20.9    | 7.8   | 8.1     | 36.8         | 36.8    | 90.2              | 90.0    | 6.4                     | 6.4     | 2.6 |                 | 2.5     | 13.0 |                         | 13.0    |      |      |

The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher



### Water Quality Monitoring Results at Intake B - Mid-Ebb Tide

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH    |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity(NTU) |         |     | Suspended Solids (mg/L) |         |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|-------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|----------------|---------|-----|-------------------------|---------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value          | Average | DA* | Value                   | Average | DA*  |
| 2-Mar-09  | Fine              | Calm            | 16:25         | Surface   | 1   | 18.3                   | 18.3    | 7.9   | 8.0     | 34.4         | 34.4    | 90.0              | 90.0    | 6.6                     | 6.6     | 6.6 | 1.9            | 2.0     | 2.3 | 8.0                     | 8.0     | 10.2 |
|           |                   |                 |               | Middle    | 6   | 17.8                   | 17.8    | 8.2   | 8.1     | 34.4         | 34.4    | 88.0              | 88.0    | 6.5                     | 6.5     |     | 2.2            | 2.2     |     | 9.0                     | 9.5     |      |
|           |                   |                 |               | Bottom    | 11  | 17.7                   | 17.7    | 8.0   | 8.1     | 34.4         | 34.4    | 87.3              | 87.3    | 6.5                     | 6.5     |     | 2.7            | 2.8     |     | 13.0                    | 13.0    |      |
| 4-Mar-09  | Cloudy            | Moderate        | 16:21         | Surface   | 1   | 20.1                   | 20.1    | 7.6   | 7.7     | 36.4         | 36.4    | 91.5              | 91.4    | 6.6                     | 6.6     | 6.6 | 1.0            | 1.0     | 2.4 | 5.0                     | 5.0     | 7.2  |
|           |                   |                 |               | Middle    | 5   | 20.1                   | 20.1    | 7.9   | 7.9     | 36.4         | 36.4    | 90.9              | 90.8    | 6.5                     | 6.5     |     | 2.5            | 2.6     |     | 7.0                     | 7.5     |      |
|           |                   |                 |               | Bottom    | 9   | 20.1                   | 20.1    | 7.8   | 7.9     | 36.0         | 36.3    | 90.4              | 90.4    | 6.5                     | 6.5     |     | 3.5            | 3.6     |     | 9.0                     | 9.0     |      |
| 6-Mar-09  | Cloudy            | Calm            | 09:07         | Surface   | 1   | 19.5                   | 19.5    | 7.0   | 7.1     | 34.1         | 34.2    | 100.2             | 100.2   | 7.4                     | 7.4     | 7.3 | 2.1            | 2.0     | 2.4 | 8.0                     | 8.0     | 6.7  |
|           |                   |                 |               | Middle    | 6   | 19.3                   | 19.3    | 6.8   | 6.9     | 34.1         | 34.1    | 100.6             | 100.4   | 7.2                     | 7.2     |     | 2.2            | 2.3     |     | 8.0                     | 7.5     |      |
|           |                   |                 |               | Bottom    | 11  | 19.4                   | 19.4    | 7.0   | 7.0     | 34.0         | 34.2    | 104.9             | 105.0   | 7.7                     | 7.7     |     | 2.7            | 2.8     |     | 4.0                     | 4.5     |      |
| 9-Mar-09  | Cloudy            | Moderate        | 12:17         | Surface   | 1   | 18.0                   | 18.3    | 8.1   | 8.1     | 37.1         | 36.9    | 107.2             | 107.3   | 8.1                     | 8.1     | 7.9 | 1.5            | 1.6     | 2.1 | 6.0                     | 6.0     | 6.8  |
|           |                   |                 |               | Middle    | 6   | 19.0                   | 19.0    | 8.0   | 8.0     | 36.2         | 36.2    | 101.9             | 101.3   | 7.6                     | 7.6     |     | 2.1            | 2.2     |     | 8.0                     | 7.5     |      |
|           |                   |                 |               | Bottom    | 11  | 19.1                   | 19.1    | 8.2   | 8.3     | 36.2         | 36.1    | 98.7              | 98.3    | 7.4                     | 7.4     |     | 2.5            | 2.6     |     | 7.0                     | 7.0     |      |
| 11-Mar-09 | Fine              | Calm            | 13:33         | Surface   | 1   | 19.6                   | 19.7    | 8.0   | 7.8     | 36.1         | 36.0    | 108.4             | 108.0   | 7.8                     | 7.8     | 7.3 | 3.0            | 3.0     | 3.3 | 7.0                     | 7.0     | 8.0  |
|           |                   |                 |               | Middle    | 6   | 20.0                   | 20.0    | 7.8   | 7.9     | 36.2         | 36.2    | 96.5              | 96.5    | 6.7                     | 6.7     |     | 3.1            | 3.2     |     | 11.0                    | 11.0    |      |
|           |                   |                 |               | Bottom    | 11  | 20.0                   | 20.0    | 7.8   | 7.7     | 36.2         | 36.2    | 95.1              | 95.1    | 6.6                     | 6.6     |     | 3.6            | 3.6     |     | 6.0                     | 6.0     |      |
| 13-Mar-09 | Fine              | Calm            | 14:27         | Surface   | 1   | 19.0                   | 19.1    | 8.0   | 7.9     | 36.3         | 36.2    | 118.1             | 114.8   | 8.2                     | 8.0     | 7.4 | 1.8            | 1.8     | 2.0 | 9.0                     | 9.0     | 9.0  |
|           |                   |                 |               | Middle    | 6   | 19.3                   | 19.3    | 7.9   | 8.0     | 36.4         | 36.4    | 97.3              | 97.2    | 6.8                     | 6.8     |     | 2.1            | 2.1     |     | 8.0                     | 8.0     |      |
|           |                   |                 |               | Bottom    | 11  | 19.3                   | 19.3    | 8.1   | 8.2     | 36.4         | 36.4    | 95.7              | 95.7    | 6.7                     | 6.7     |     | 2.2            | 2.2     |     | 10.0                    | 10.0    |      |
| 16-Mar-09 | Sunny             | Calm            | 15:16         | Surface   | 1   | 19.9                   | 19.9    | 7.7   | 7.7     | 36.6         | 36.6    | 93.3              | 93.5    | 6.6                     | 6.6     | 6.6 | 4.3            | 4.1     | 4.1 | 7.0                     | 7.0     | 6.5  |
|           |                   |                 |               | Middle    | 5.5 | 19.7                   | 19.7    | 7.7   | 7.9     | 36.6         | 36.6    | 93.4              | 93.2    | 6.6                     | 6.6     |     | 4.1            | 4.1     |     | 5.0                     | 5.5     |      |
|           |                   |                 |               | Bottom    | 10  | 19.7                   | 19.7    | 7.9   | 8.1     | 36.7         | 36.7    | 93.0              | 92.0    | 6.6                     | 6.6     |     | 4.2            | 4.2     |     | 7.0                     | 7.0     |      |
| 18-Mar-09 | Sunny             | Calm            | 12:36         | Surface   | 1   | 22.2                   | 22.3    | 7.8   | 7.8     | 36.1         | 36.1    | 110.4             | 107.4   | 6.9                     | 6.8     | 6.6 | 3.2            | 3.5     | 4.0 | 7.0                     | 7.5     | 8.5  |
|           |                   |                 |               | Middle    | 6   | 22.2                   | 22.2    | 7.8   | 7.8     | 36.3         | 36.3    | 90.7              | 90.5    | 6.3                     | 6.3     |     | 3.9            | 4.0     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 11  | 22.1                   | 22.1    | 7.6   | 7.7     | 36.4         | 36.4    | 88.1              | 87.8    | 6.2                     | 6.2     |     | 4.6            | 4.6     |     | 11.0                    | 11.0    |      |
| 23-Mar-09 | Cloudy            | Calm            | 11:49         | Surface   | 1   | 21.3                   | 21.3    | 7.5   | 7.8     | 36.1         | 36.2    | 102.9             | 102.5   | 7.4                     | 7.4     | 7.3 | 1.5            | 1.5     | 2.1 | 5.0                     | 5.0     | 3.9  |
|           |                   |                 |               | Middle    | 6   | 20.8                   | 20.8    | 8.1   | 8.3     | 36.6         | 36.6    | 99.5              | 99.5    | 7.2                     | 7.2     |     | 2.4            | 2.4     |     | 4.0                     | 4.0     |      |
|           |                   |                 |               | Bottom    | 11  | 20.8                   | 20.8    | 8.0   | 8.2     | 36.6         | 36.7    | 98.2              | 98.3    | 7.1                     | 7.1     |     | 2.5            | 2.5     |     | <2.5                    | 2.8     |      |
| 25-Mar-09 | Cloudy            | Moderate        | 12:37         | Surface   | 1   | 20.8                   | 20.8    | 7.9   | 7.9     | 36.4         | 36.2    | 90.9              | 90.3    | 6.6                     | 6.6     | 6.6 | 4.1            | 4.2     | 3.4 | 7.0                     | 7.0     | 7.0  |
|           |                   |                 |               | Middle    | 6   | 20.8                   | 20.8    | 8.1   | 8.1     | 36.8         | 36.8    | 88.9              | 89.3    | 6.4                     | 6.5     |     | 3.4            | 3.3     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 11  | 20.8                   | 20.8    | 7.9   | 8.0     | 36.9         | 36.9    | 90.6              | 90.7    | 6.5                     | 6.5     |     | 2.6            | 2.6     |     | 7.0                     | 7.0     |      |
| 27-Mar-09 | Cloudy            | Moderate        | 13:25         | Surface   | 1   | 21.9                   | 21.9    | 7.7   | 8.0     | 35.9         | 35.9    | 99.3              | 98.9    | 6.9                     | 6.9     | 6.8 | 1.5            | 1.6     | 2.4 | 6.0                     | 6.0     | 5.5  |
|           |                   |                 |               | Middle    | 6   | 21.4                   | 21.4    | 8.3   | 8.5     | 36.3         | 36.3    | 95.9              | 95.9    | 6.7                     | 6.7     |     | 2.7            | 2.7     |     | 6.0                     | 6.0     |      |
|           |                   |                 |               | Bottom    | 11  | 21.4                   | 21.4    | 8.2   | 8.4     | 36.4         | 36.4    | 94.6              | 94.8    | 6.6                     | 6.6     |     | 2.8            | 2.8     |     | 4.0                     | 4.5     |      |
| 30-Mar-09 | Cloudy            | Moderate        | 14:52         | Surface   | 1   | 20.7                   | 20.7    | 8.7   | 8.7     | 34.8         | 35.3    | 93.4              | 92.8    | 6.6                     | 6.7     | 6.6 | 2.8            | 2.9     | 2.4 | 11.0                    | 11.0    | 11.0 |
|           |                   |                 |               | Middle    | 6   | 20.7                   | 20.7    | 7.6   | 7.9     | 35.4         | 35.4    | 87.4              | 87.4    | 6.4                     | 6.4     |     | 2.1            | 2.4     |     | 11.0                    | 11.0    |      |
|           |                   |                 |               | Bottom    | 11  | 20.8                   | 20.8    | 7.8   | 7.9     | 36.4         | 36.0    | 86.5              | 86.5    | 6.4                     | 6.4     |     | 1.9            | 1.9     |     | 11.0                    | 11.0    |      |

The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

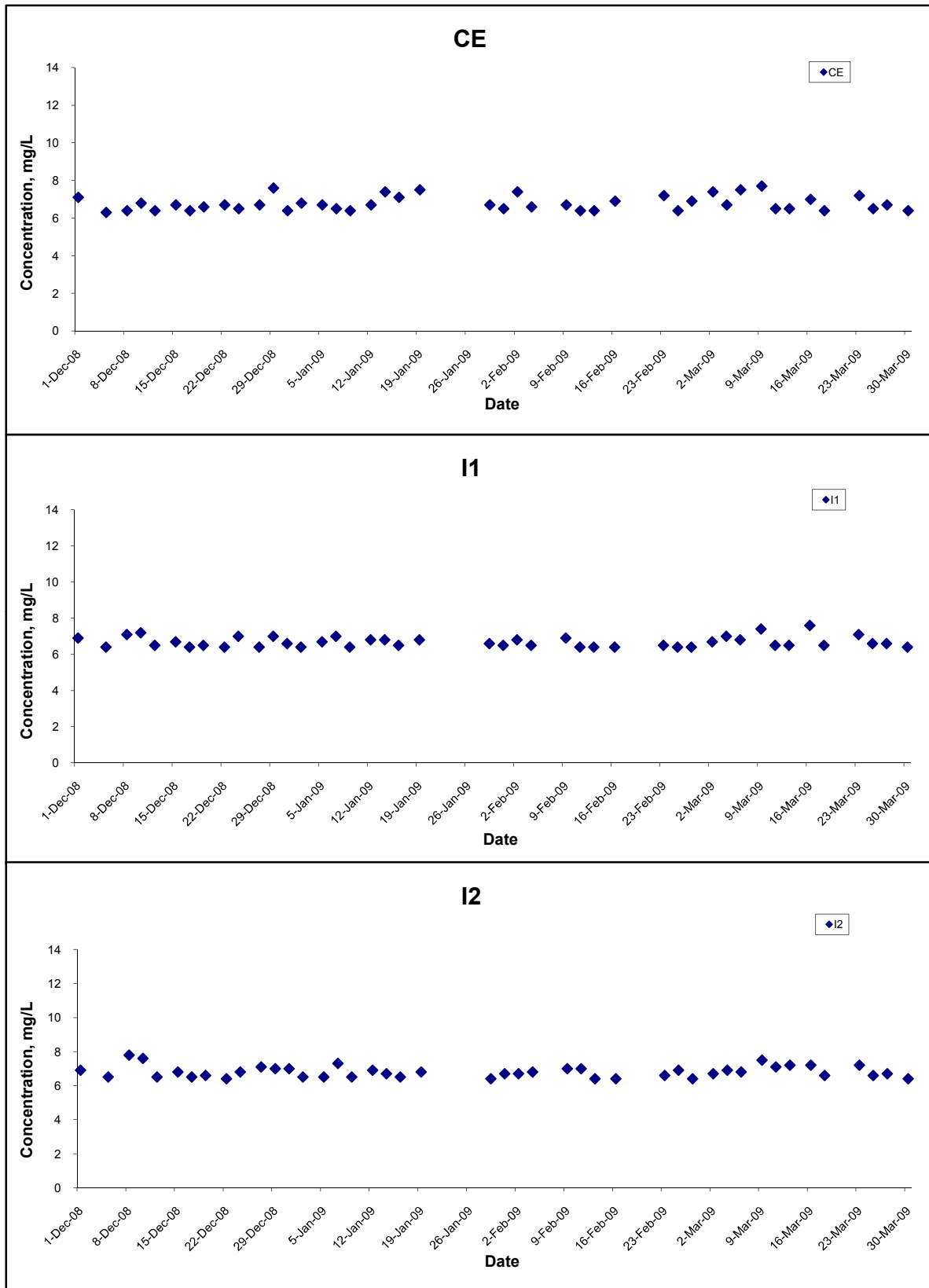
Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

### Water Quality Monitoring Results at Intake B - Mid-Flood Tide

| Date      | Weather Condition | Sea Condition** | Sampling Time | Depth (m) |     | Water Temperature (°C) |         | pH    |         | Salinity ppt |         | DO Saturation (%) |         | Dissolved Oxygen (mg/L) |         |     | Turbidity(NTU) |         |     | Suspended Solids (mg/L) |         |      |
|-----------|-------------------|-----------------|---------------|-----------|-----|------------------------|---------|-------|---------|--------------|---------|-------------------|---------|-------------------------|---------|-----|----------------|---------|-----|-------------------------|---------|------|
|           |                   |                 |               |           |     | Value                  | Average | Value | Average | Value        | Average | Value             | Average | Value                   | Average | DA* | Value          | Average | DA* | Value                   | Average | DA*  |
| 2-Mar-09  | Fine              | Moderate        | 09:33         | Surface   | 1   | 18.4                   | 18.4    | 8.3   | 8.3     | 34.3         | 34.3    | 103.8             | 103.6   | 7.6                     | 7.6     | 7.6 | 2.2            | 2.3     | 2.8 | 8.0                     | 8.0     | 10.0 |
|           |                   |                 |               | Middle    | 6   | 17.9                   | 17.9    | 8.2   | 8.2     | 34.3         | 34.3    | 101.3             | 101.2   | 7.5                     | 7.5     |     | 2.8            | 2.9     |     | 10.0                    | 10.0    |      |
|           |                   |                 |               | Bottom    | 11  | 17.7                   | 17.7    | 8.0   | 8.0     | 34.2         | 34.3    | 99.6              | 99.6    | 7.4                     | 7.4     |     | 3.1            | 3.1     |     | 12.0                    | 12.0    |      |
| 4-Mar-09  | Cloudy            | Moderate        | 11:03         | Surface   | 1   | 20.1                   | 20.1    | 8.2   | 8.1     | 36.2         | 36.2    | 119.9             | 117.9   | 8.7                     | 8.6     | 8.3 | 3.4            | 3.2     | 5.4 | 8.0                     | 8.0     | 6.8  |
|           |                   |                 |               | Middle    | 5.5 | 20.1                   | 20.1    | 8.0   | 7.9     | 36.4         | 36.4    | 110.4             | 110.1   | 8.0                     | 8.0     |     | 5.4            | 5.5     |     | 5.0                     | 5.5     |      |
|           |                   |                 |               | Bottom    | 10  | 20.1                   | 20.1    | 7.8   | 7.9     | 36.4         | 36.4    | 107.3             | 107.2   | 7.7                     | 7.7     |     | 7.7            | 7.5     |     | 7.6                     | 7.0     |      |
| 9-Mar-09  | Cloudy            | Moderate        | 18:16         | Surface   | 1   | 19.1                   | 19.1    | 8.2   | 8.1     | 36.1         | 36.1    | 97.5              | 97.5    | 7.3                     | 7.3     | 7.3 | 2.3            | 2.3     | 2.3 | 5.0                     | 5.5     | 6.8  |
|           |                   |                 |               | Middle    | 6   | 19.1                   | 19.1    | 7.9   | 8.1     | 36.0         | 36.0    | 97.6              | 97.5    | 7.3                     | 7.3     |     | 2.1            | 2.2     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 11  | 19.1                   | 19.1    | 8.0   | 8.1     | 36.0         | 36.0    | 96.8              | 96.7    | 7.2                     | 7.2     |     | 2.3            | 2.4     |     | 8.0                     | 8.0     |      |
| 11-Mar-09 | Fine              | Calm            | 17:30         | Surface   | 1   | 19.6                   | 19.7    | 8.3   | 8.2     | 36.2         | 36.2    | 106.8             | 106.8   | 7.5                     | 7.5     | 7.0 | 1.9            | 2.0     | 2.4 | 6.0                     | 6.5     | 6.8  |
|           |                   |                 |               | Middle    | 6   | 20.0                   | 20.0    | 8.0   | 7.8     | 36.0         | 36.0    | 92.6              | 92.6    | 6.5                     | 6.5     |     | 2.5            | 2.6     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 11  | 20.0                   | 20.0    | 7.7   | 7.7     | 35.8         | 34.6    | 92.3              | 92.5    | 6.5                     | 6.5     |     | 2.5            | 2.5     |     | 6.0                     | 6.0     |      |
| 13-Mar-09 | Fine              | Calm            | 09:01         | Surface   | 1   | 19.0                   | 19.1    | 8.0   | 8.0     | 36.4         | 36.4    | 108.6             | 108.6   | 7.6                     | 7.6     | 7.1 | 1.9            | 2.0     | 2.3 | 8.0                     | 8.0     | 9.3  |
|           |                   |                 |               | Middle    | 6   | 19.3                   | 19.3    | 8.2   | 8.2     | 36.2         | 36.2    | 93.0              | 93.0    | 6.5                     | 6.5     |     | 2.4            | 2.5     |     | 11.0                    | 11.0    |      |
|           |                   |                 |               | Bottom    | 11  | 19.3                   | 19.3    | 7.9   | 8.2     | 36.1         | 35.6    | 92.5              | 92.7    | 6.5                     | 6.5     |     | 2.4            | 2.4     |     | 9.0                     | 9.0     |      |
| 16-Mar-09 | Sunny             | Calm            | 08:40         | Surface   | 1   | 19.8                   | 19.8    | 7.8   | 7.8     | 35.7         | 35.8    | 98.1              | 97.5    | 6.9                     | 6.9     | 6.9 | 2.9            | 2.9     | 3.5 | 7.0                     | 7.0     | 6.8  |
|           |                   |                 |               | Middle    | 5.5 | 19.6                   | 19.6    | 8.3   | 8.3     | 35.8         | 35.8    | 95.7              | 95.5    | 6.8                     | 6.8     |     | 3.4            | 3.5     |     | 5.0                     | 5.5     |      |
|           |                   |                 |               | Bottom    | 10  | 19.5                   | 19.5    | 7.6   | 7.9     | 35.8         | 35.8    | 93.9              | 93.8    | 6.7                     | 6.7     |     | 4.2            | 4.2     |     | 8.0                     | 8.0     |      |
| 20-Mar-09 | Sunny             | Calm            | 09:28         | Surface   | 1   | 25.0                   | 25.0    | 7.8   | 7.8     | 32.7         | 32.7    | 109.4             | 109.5   | 7.6                     | 7.6     | 7.1 | 3.8            | 3.9     | 3.5 | 9.0                     | 9.0     | 7.8  |
|           |                   |                 |               | Middle    | 6   | 24.9                   | 24.9    | 7.9   | 8.1     | 33.6         | 33.6    | 94.6              | 94.6    | 6.6                     | 6.6     |     | 3.4            | 3.3     |     | 9.0                     | 9.0     |      |
|           |                   |                 |               | Bottom    | 11  | 24.9                   | 24.9    | 7.7   | 8.1     | 36.1         | 36.1    | 85.8              | 85.2    | 6.1                     | 6.1     |     | 3.1            | 3.2     |     | 5.0                     | 5.5     |      |
| 23-Mar-09 | Cloudy            | Calm            | 16:09         | Surface   | 1   | 21.3                   | 21.3    | 7.7   | 7.7     | 35.5         | 35.5    | 103.6             | 103.6   | 7.5                     | 7.5     | 7.4 | 1.3            | 1.3     | 2.1 | 4.0                     | 4.0     | 5.0  |
|           |                   |                 |               | Middle    | 6   | 20.9                   | 20.9    | 7.5   | 7.9     | 36.7         | 36.7    | 101.8             | 101.8   | 7.3                     | 7.3     |     | 2.5            | 2.7     |     | 5.0                     | 5.0     |      |
|           |                   |                 |               | Bottom    | 11  | 20.7                   | 20.7    | 7.9   | 8.1     | 36.9         | 36.9    | 100.6             | 100.3   | 7.3                     | 7.3     |     | 2.1            | 2.2     |     | 6.0                     | 6.0     |      |
| 25-Mar-09 | Cloudy            | Moderate        | 16:31         | Surface   | 1   | 20.8                   | 20.8    | 8.2   | 8.3     | 35.9         | 36.2    | 92.6              | 91.4    | 6.7                     | 6.6     | 6.6 | 2.1            | 2.1     | 2.6 | 7.0                     | 7.5     | 7.2  |
|           |                   |                 |               | Middle    | 5   | 20.8                   | 20.8    | 8.2   | 8.3     | 36.8         | 36.8    | 89.5              | 89.6    | 6.5                     | 6.5     |     | 2.7            | 2.7     |     | 7.0                     | 7.0     |      |
|           |                   |                 |               | Bottom    | 9   | 20.8                   | 20.8    | 8.1   | 8.1     | 36.9         | 36.9    | 90.7              | 90.8    | 6.5                     | 6.5     |     | 3.0            | 3.1     |     | 7.0                     | 7.0     |      |
| 27-Mar-09 | Cloudy            | Moderate        | 16:56         | Surface   | 1   | 21.8                   | 21.8    | 7.8   | 7.8     | 35.3         | 35.3    | 100.0             | 100.0   | 7.0                     | 7.0     | 7.0 | 1.6            | 1.6     | 2.4 | 3.0                     | 3.0     | 6.3  |
|           |                   |                 |               | Middle    | 6   | 21.4                   | 21.4    | 7.7   | 8.0     | 36.4         | 36.4    | 98.2              | 98.2    | 6.9                     | 6.9     |     | 2.4            | 2.5     |     | 8.0                     | 8.0     |      |
|           |                   |                 |               | Bottom    | 11  | 21.3                   | 21.3    | 8.1   | 8.3     | 36.7         | 36.7    | 97.0              | 96.7    | 6.8                     | 6.8     |     | 2.8            | 3.0     |     | 8.0                     | 8.0     |      |
| 30-Mar-09 | Cloudy            | Moderate        | 08:42         | Surface   | 1   | 20.7                   | 20.7    | 7.9   | 7.9     | 36.4         | 36.0    | 86.3              | 86.3    | 6.5                     | 6.5     | 6.4 | 5.0            | 4.6     | 3.4 | 11.0                    | 11.0    | 10.0 |
|           |                   |                 |               | Middle    | 6   | 20.8                   | 20.8    | 8.0   | 8.2     | 35.3         | 35.4    | 85.8              | 85.8    | 6.2                     | 6.2     |     | 2.7            | 2.7     |     | 10.0                    | 10.0    |      |
|           |                   |                 |               | Bottom    | 11  | 20.9                   | 20.9    | 7.7   | 8.1     | 36.6         | 36.7    | 85.8              | 85.1    | 6.3                     | 6.3     |     | 3.1            | 3.0     |     | 9.0                     | 9.0     |      |

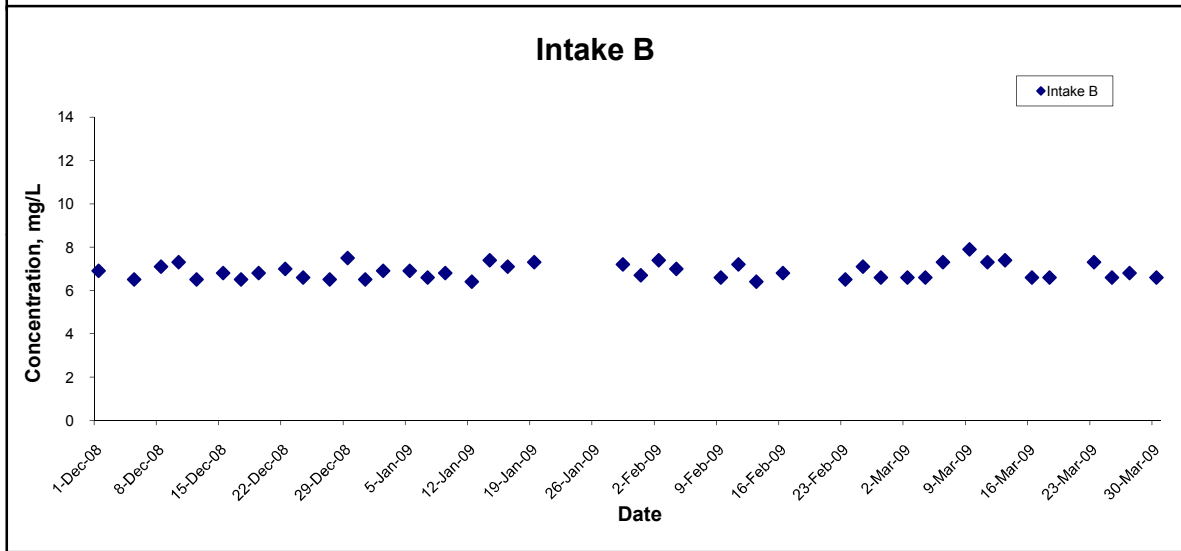
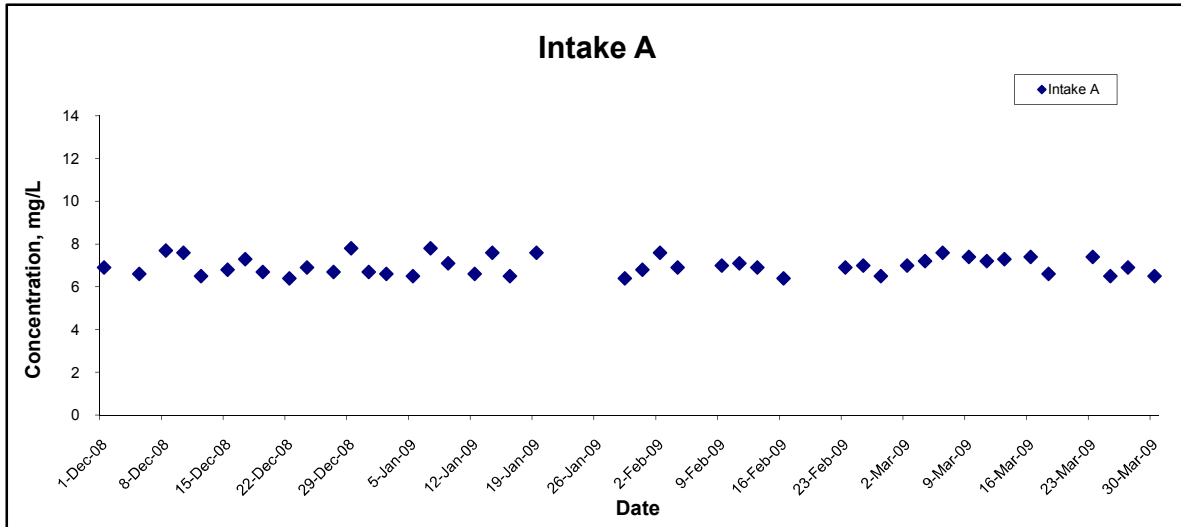
Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



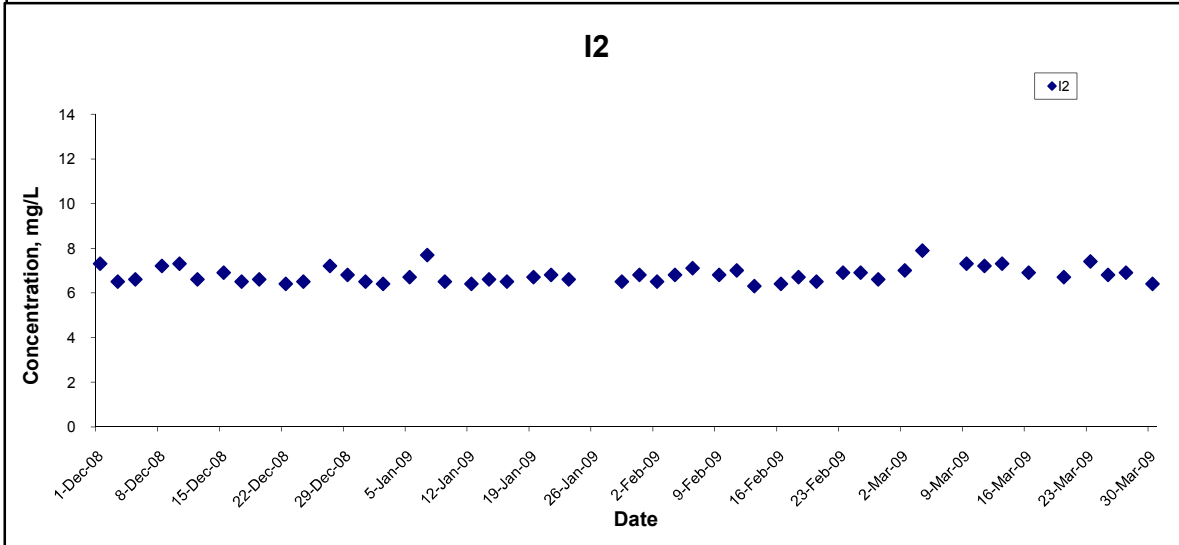
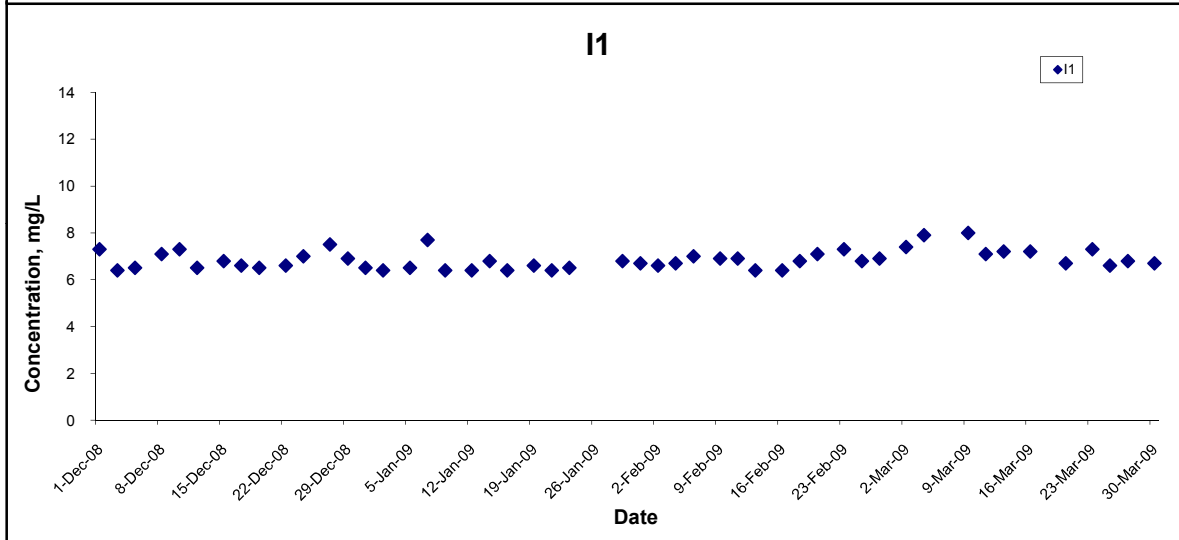
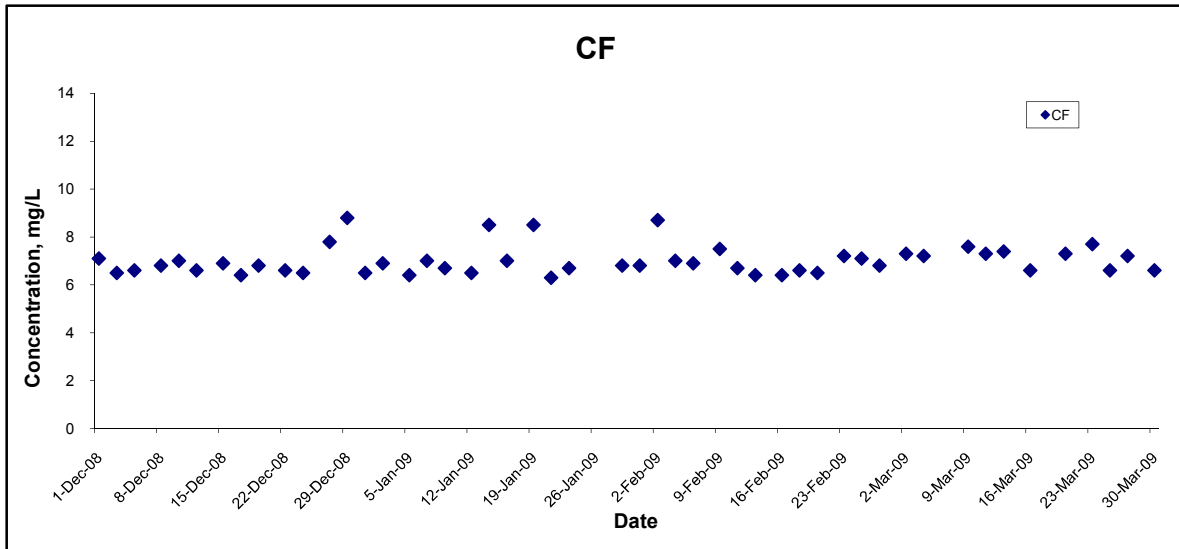
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|--|-------|--------|-----------------------|-----------------|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale | N.T.S  | Project<br>No. MA8001 | <b>CINOTECH</b> |
|  | Date  | Mar 09 | Appendix<br>H         |                 |

## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



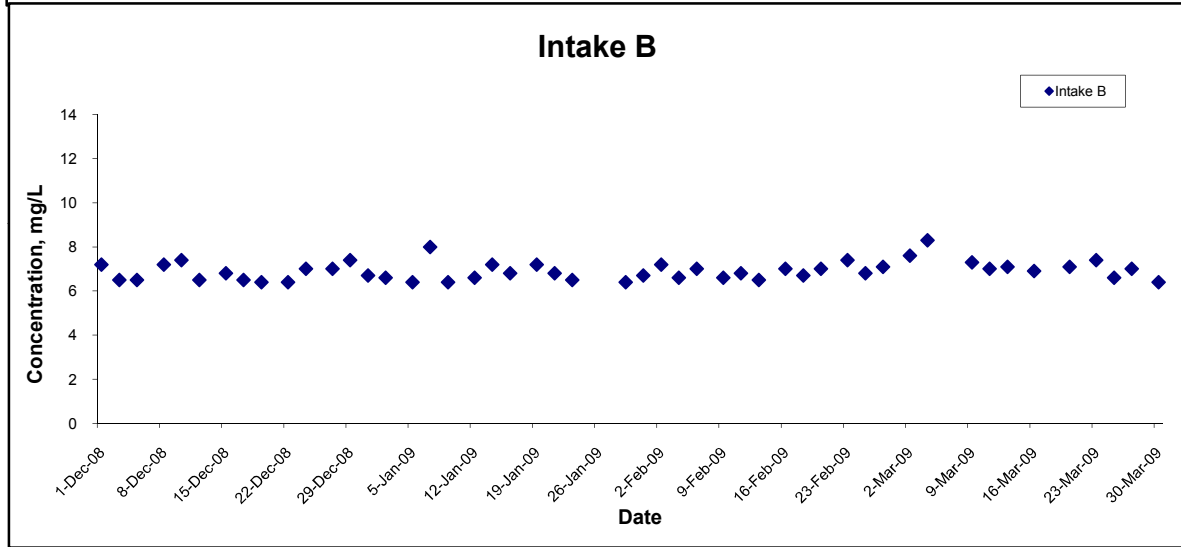
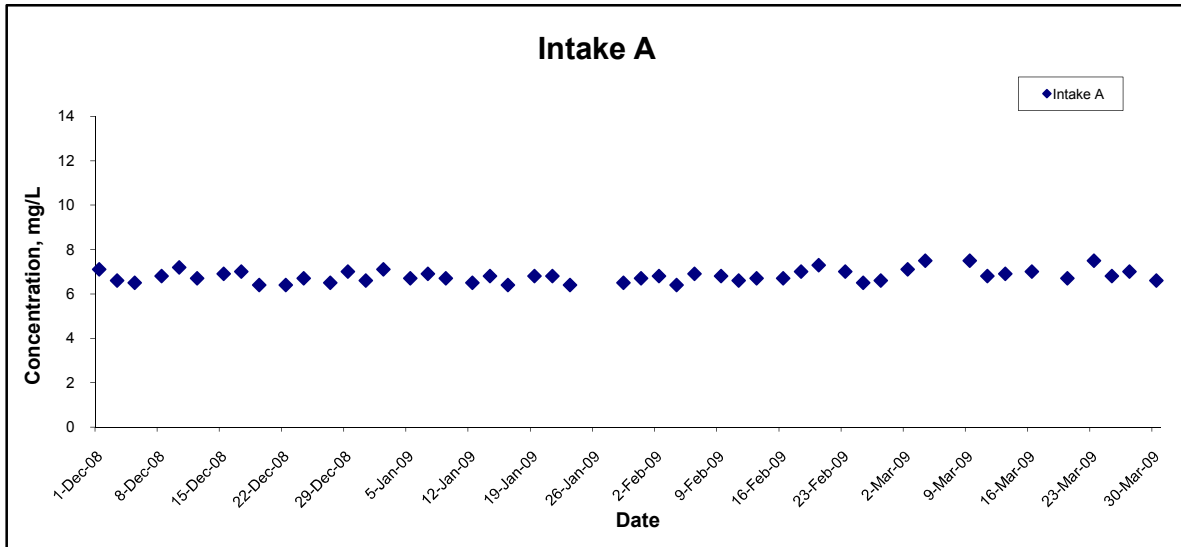
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|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



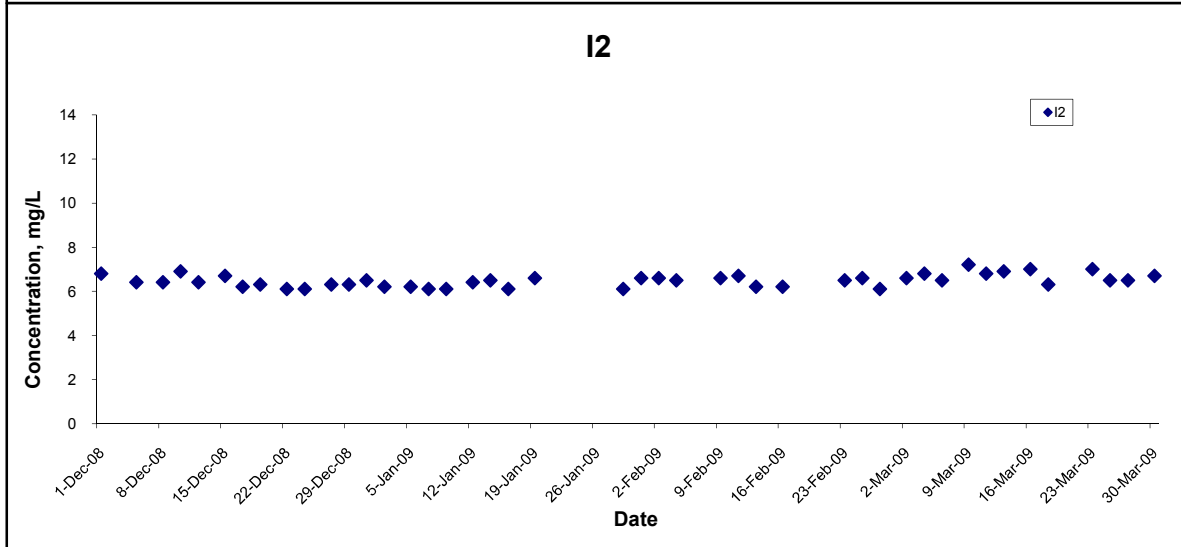
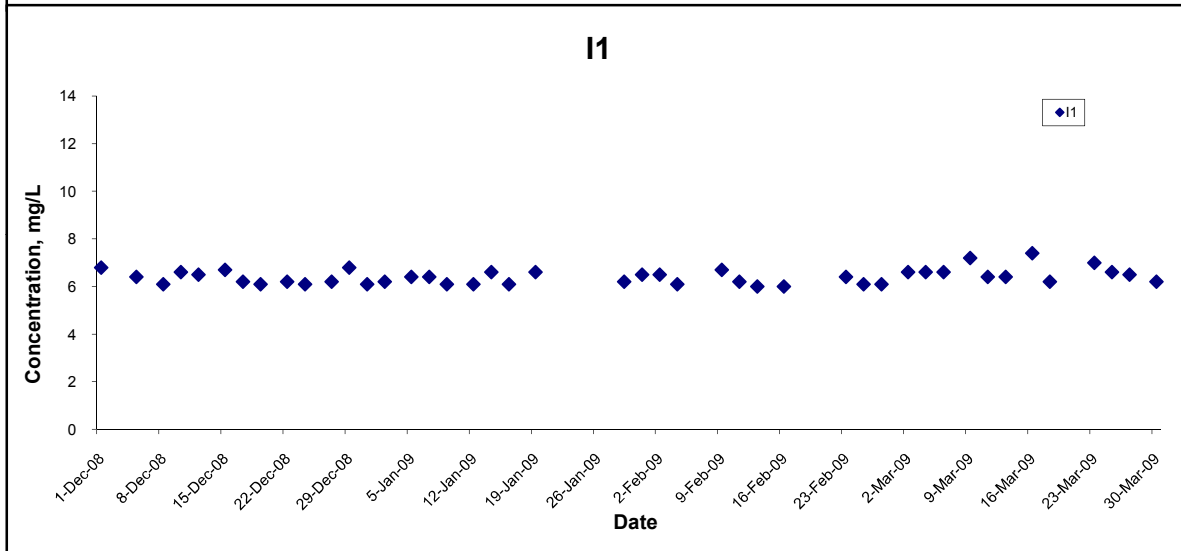
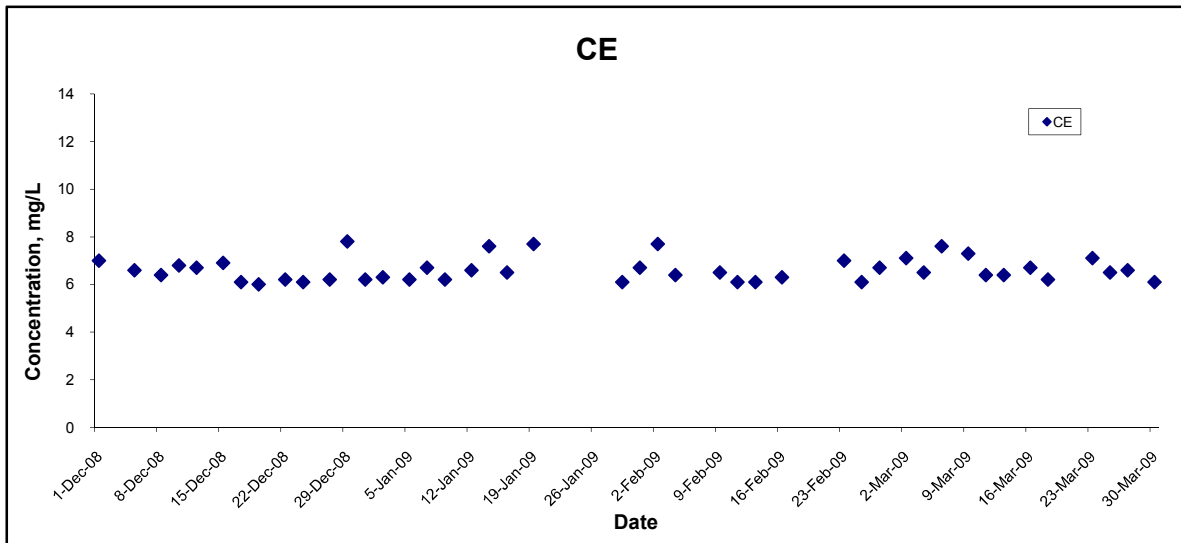
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|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



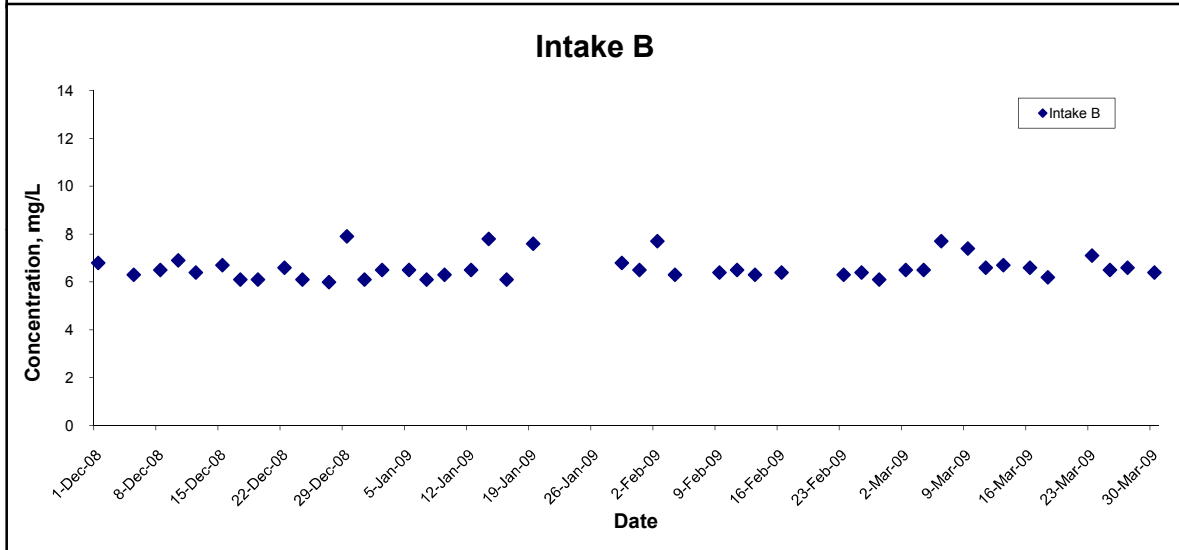
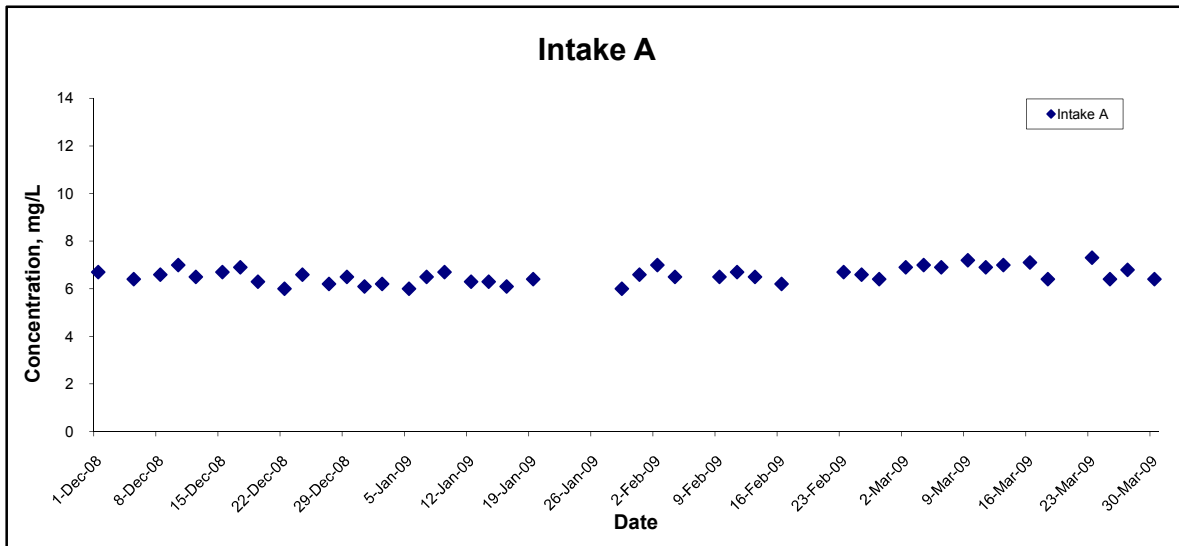
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|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

### Dissolved Oxygen (Bottom) at Mid-Ebb Tide



|  |                |                       |  |
|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

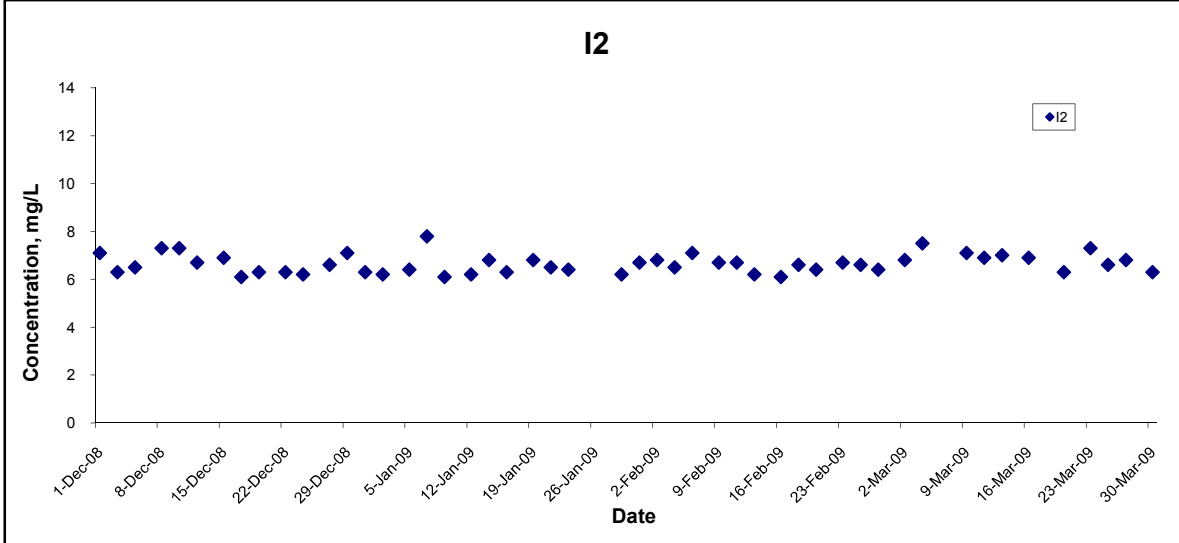
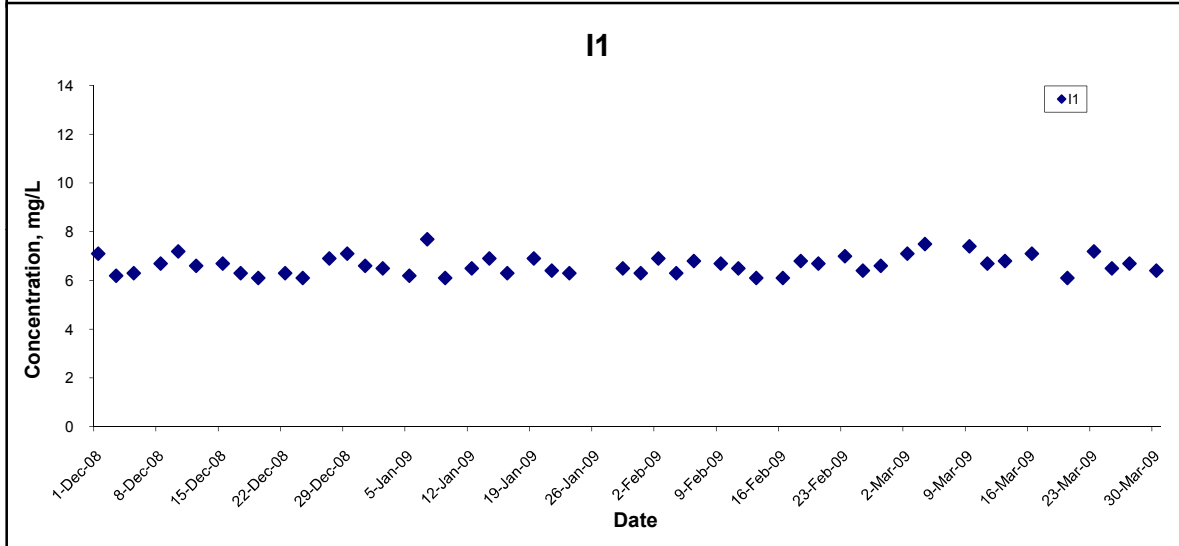
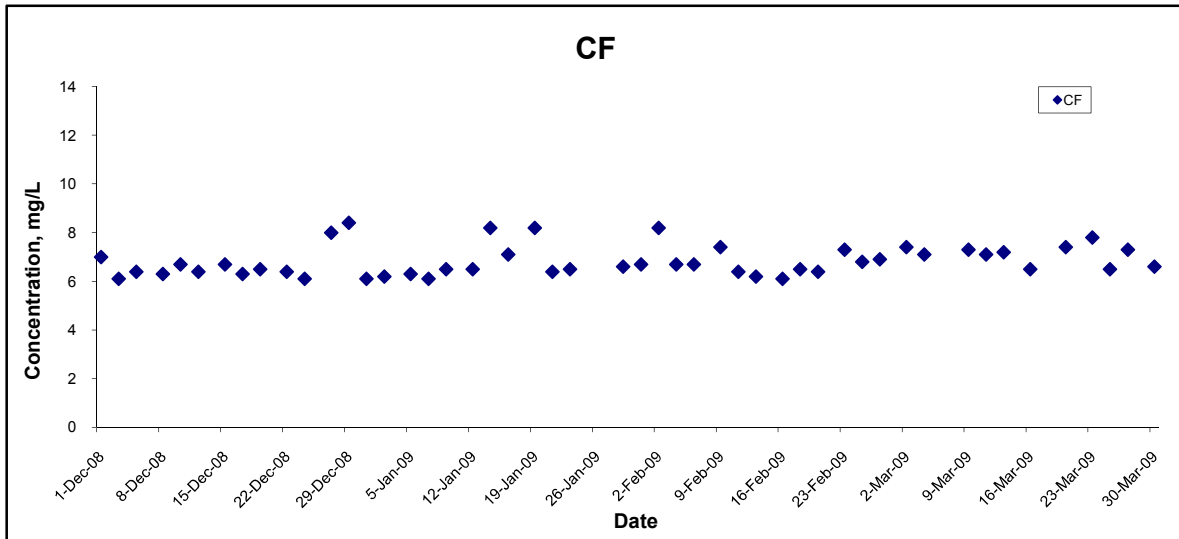
## Dissolved Oxygen (Bottom) at Mid-Ebb Tide



|  |                |                       |  |
|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

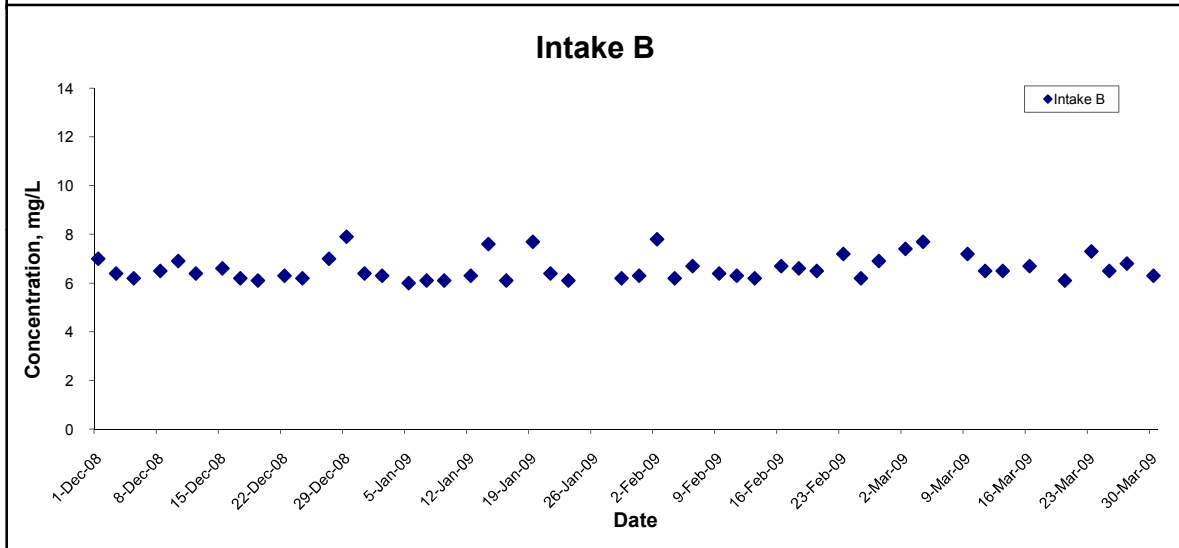
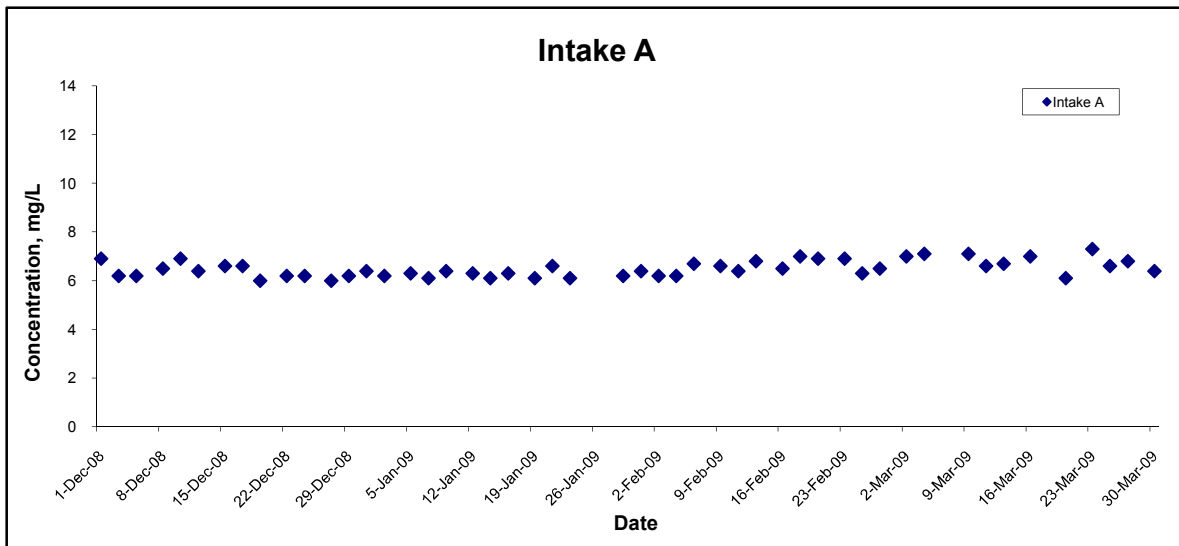


## Dissolved Oxygen (Bottom) at Mid-Flood Tide



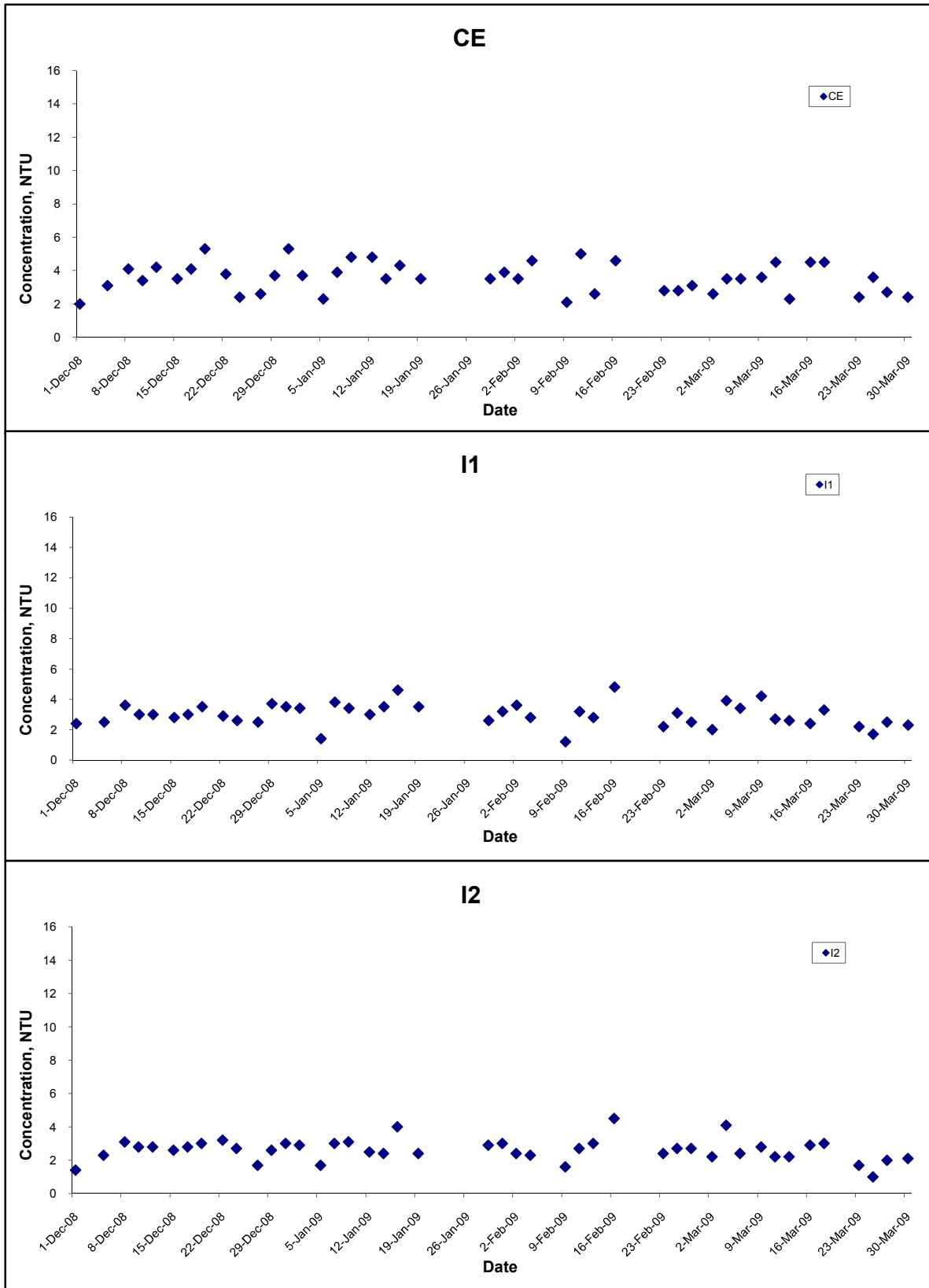
|  |                |                       |  |
|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

## Dissolved Oxygen (Bottom) at Mid-Flood Tide



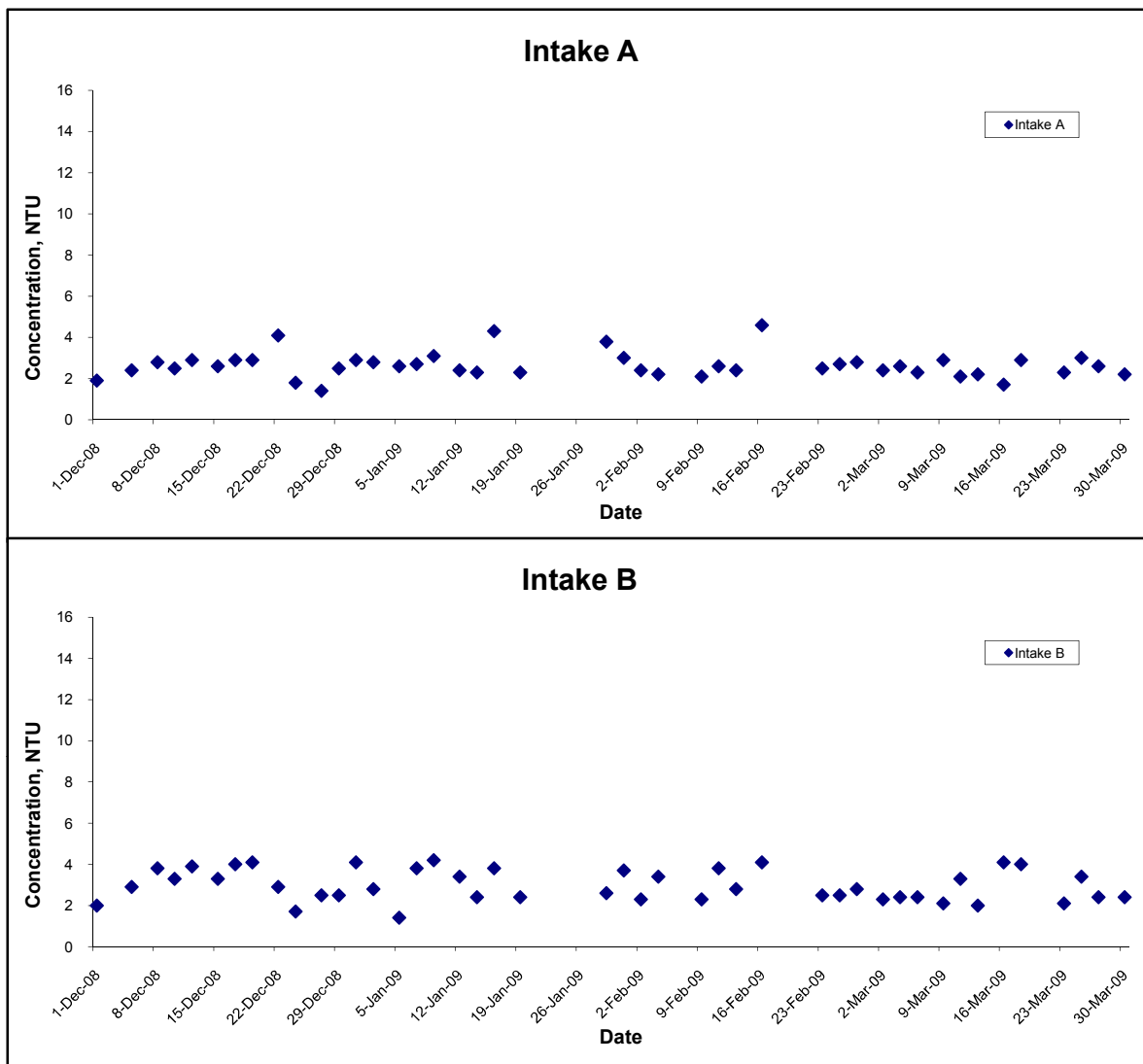
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|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

## Turbidity (Depth-averaged) at Mid-Ebb Tide



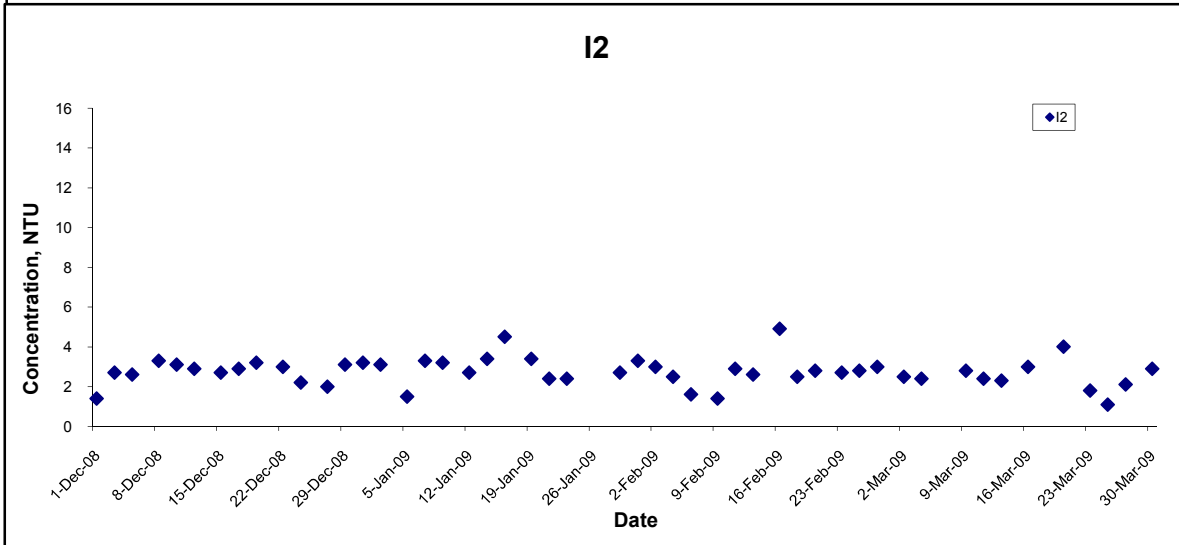
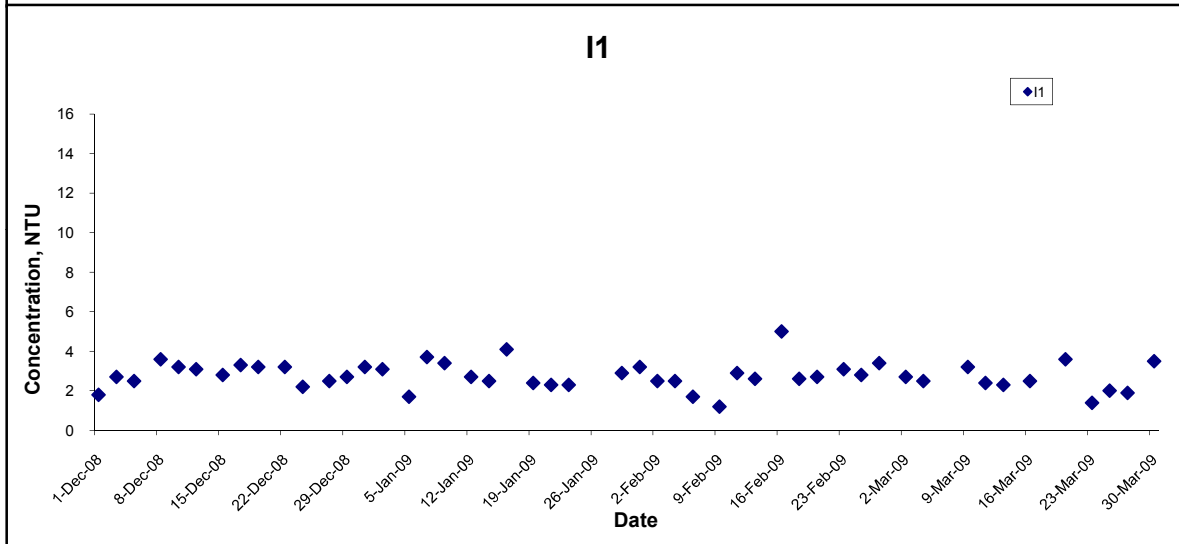
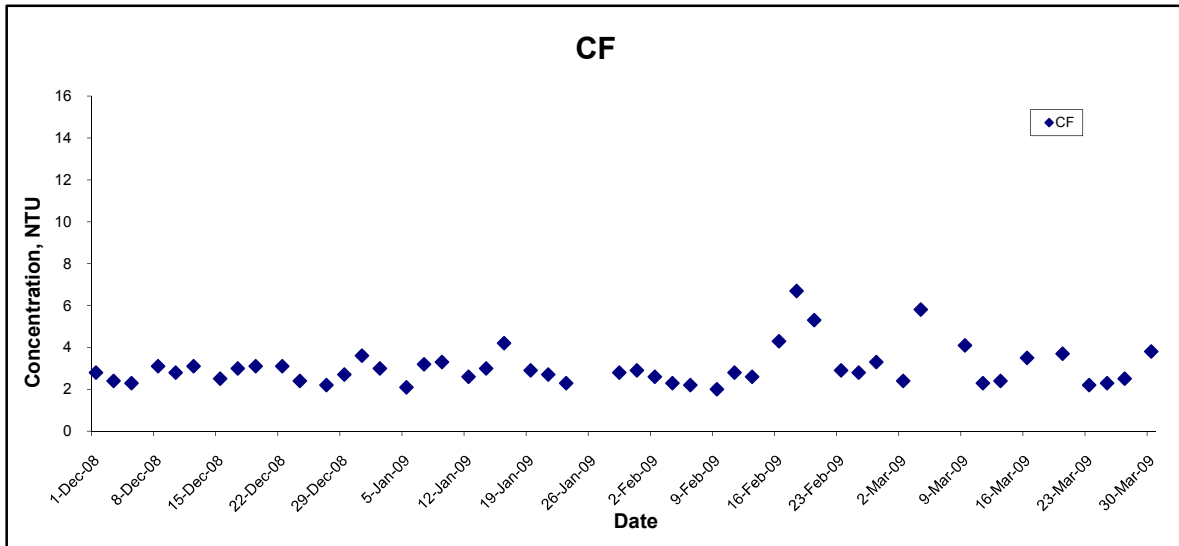
|  |       |        |                       |                 |
|--|-------|--------|-----------------------|-----------------|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale | N.T.S  | Project<br>No. MA8001 | <b>CINOTECH</b> |
|  | Date  | Mar 09 | Appendix<br>H         |                 |

## Turbidity (Depth-averaged) at Mid-Ebb Tide



|  |       |        |                       |                 |
|--|-------|--------|-----------------------|-----------------|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale | N.T.S  | Project<br>No. MA8001 | <b>CINOTECH</b> |
|  | Date  | Mar 09 | Appendix<br>H         |                 |

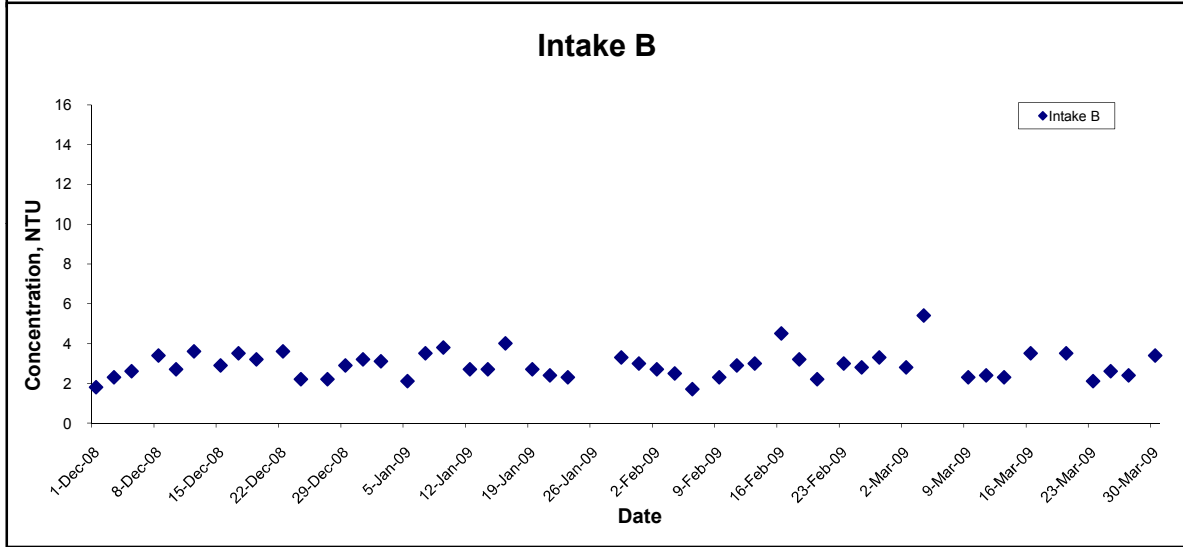
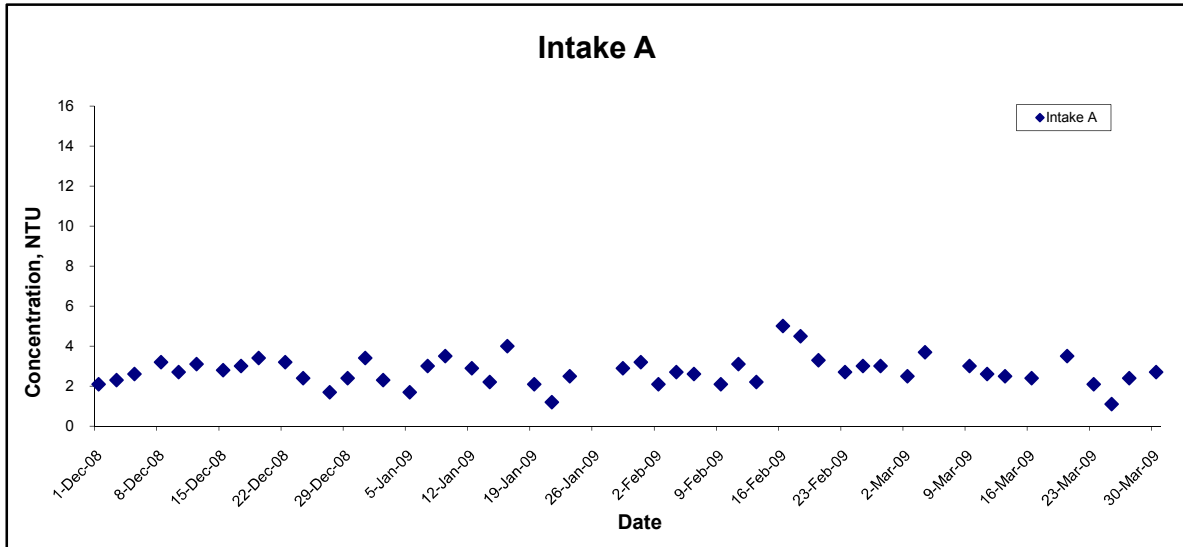
## Turbidity (Depth-averaged) at Mid-Flood Tide



|   |       |        |             |        |
|---|-------|--------|-------------|--------|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality Monitoring Results | Scale | N.T.S  | Project No. | MA8001 |
|   | Date  | Mar 09 | Appendix    | H      |

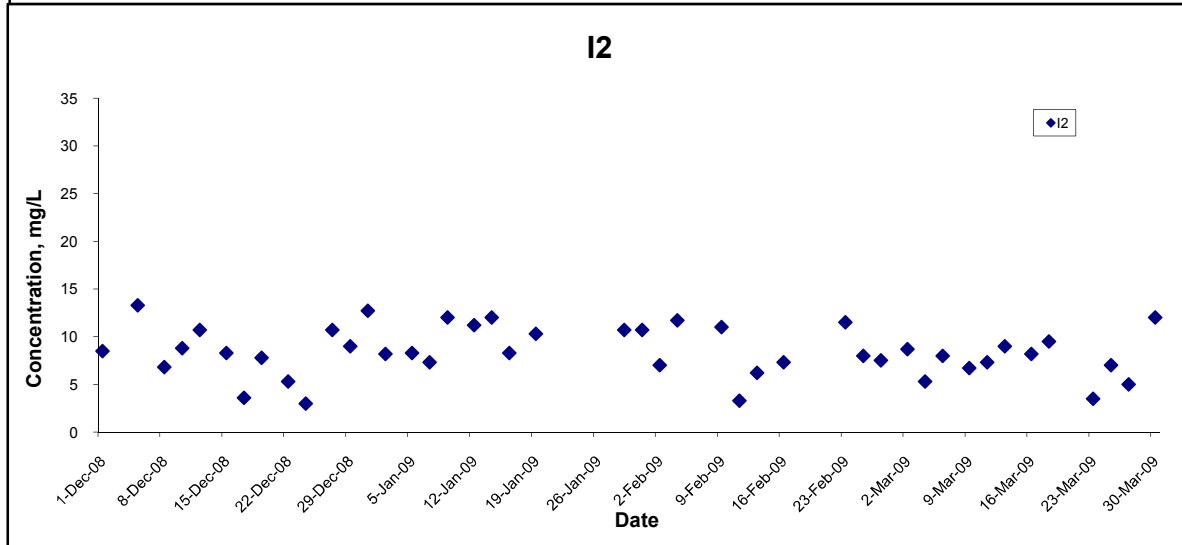
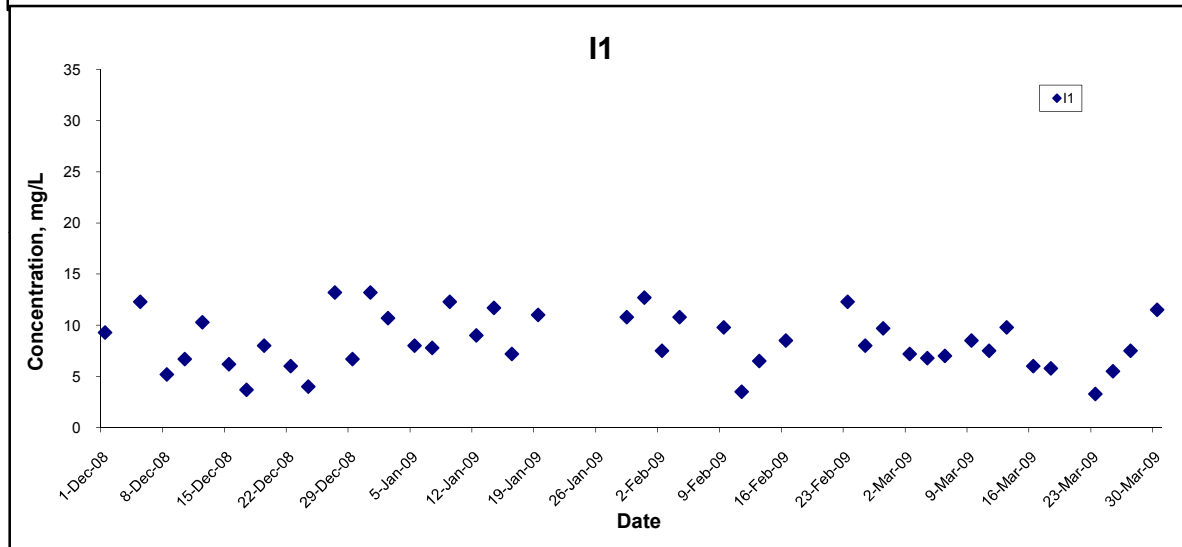
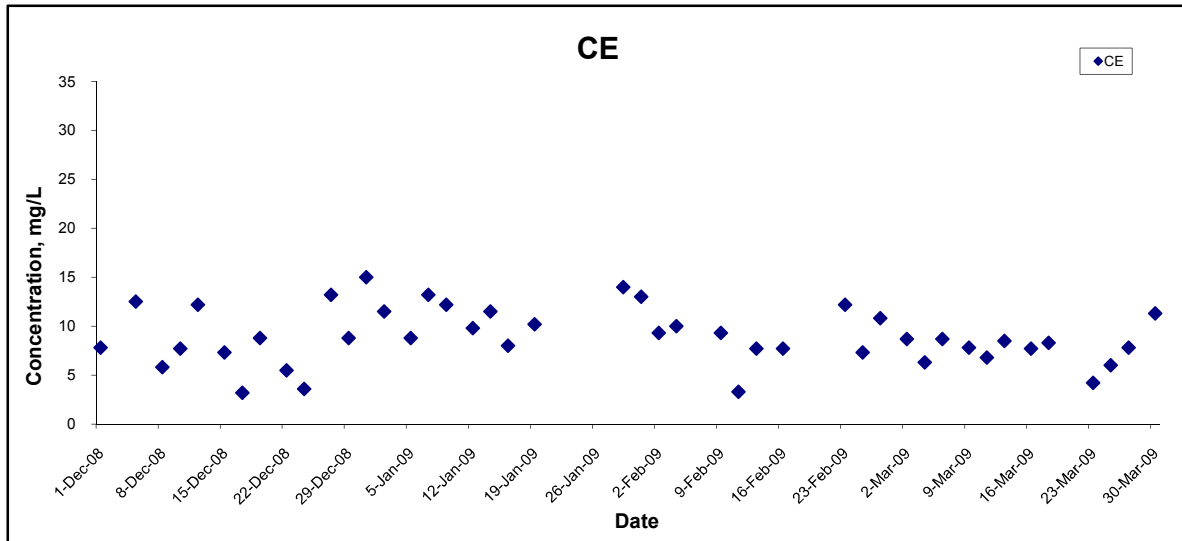
CINOTECH

## Turbidity (Depth-averaged) at Mid-Flood Tide



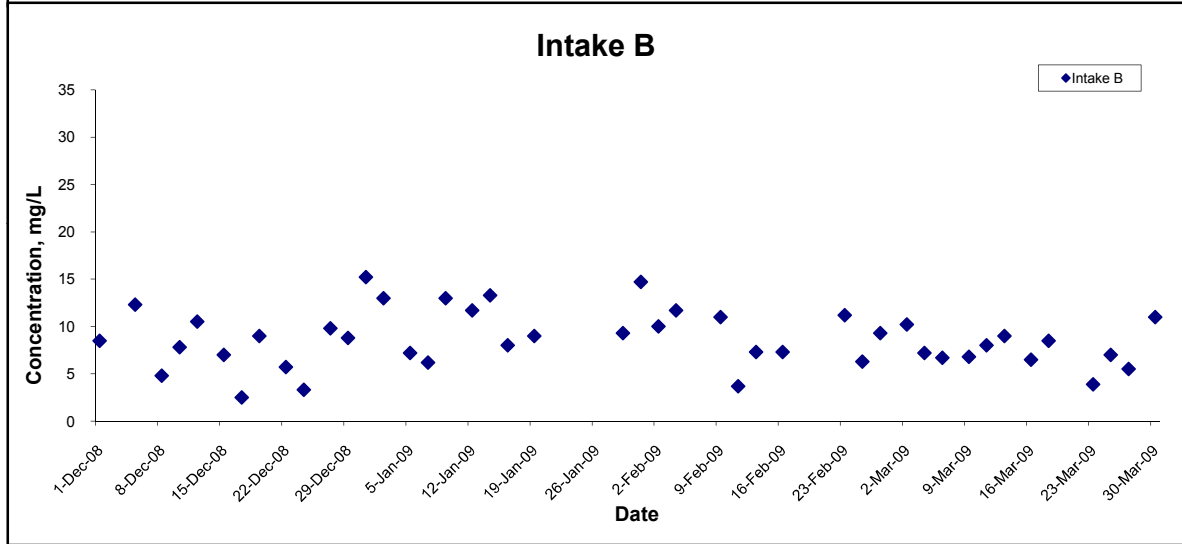
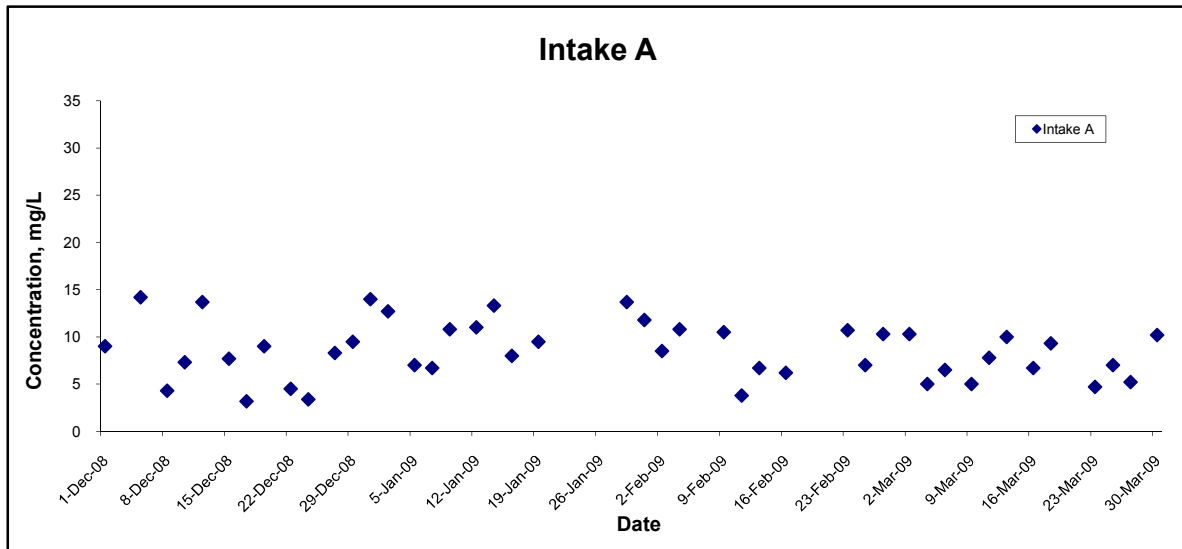
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|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



|  |                |                       |  |
|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

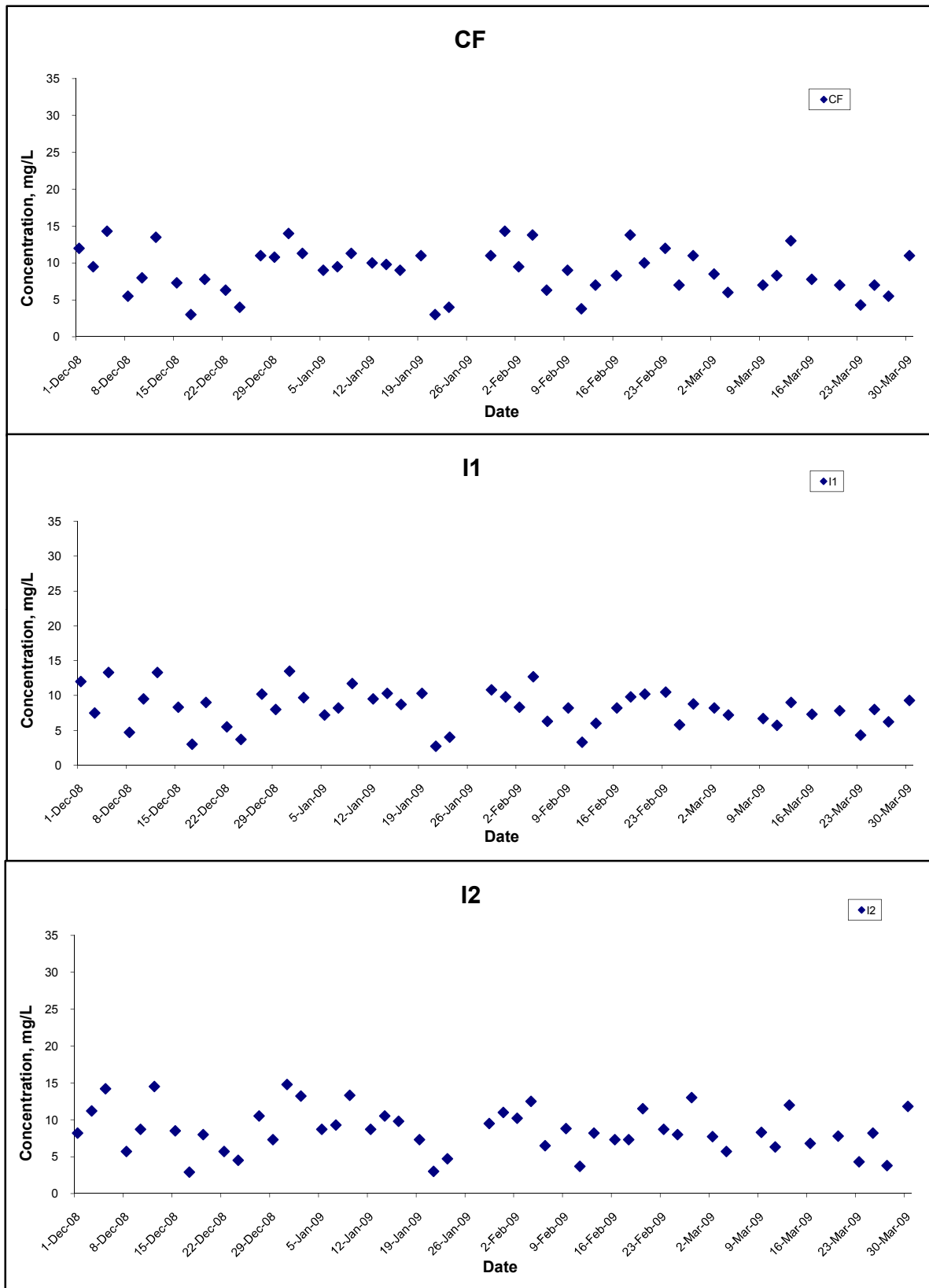
## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



|  |                |                       |  |
|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

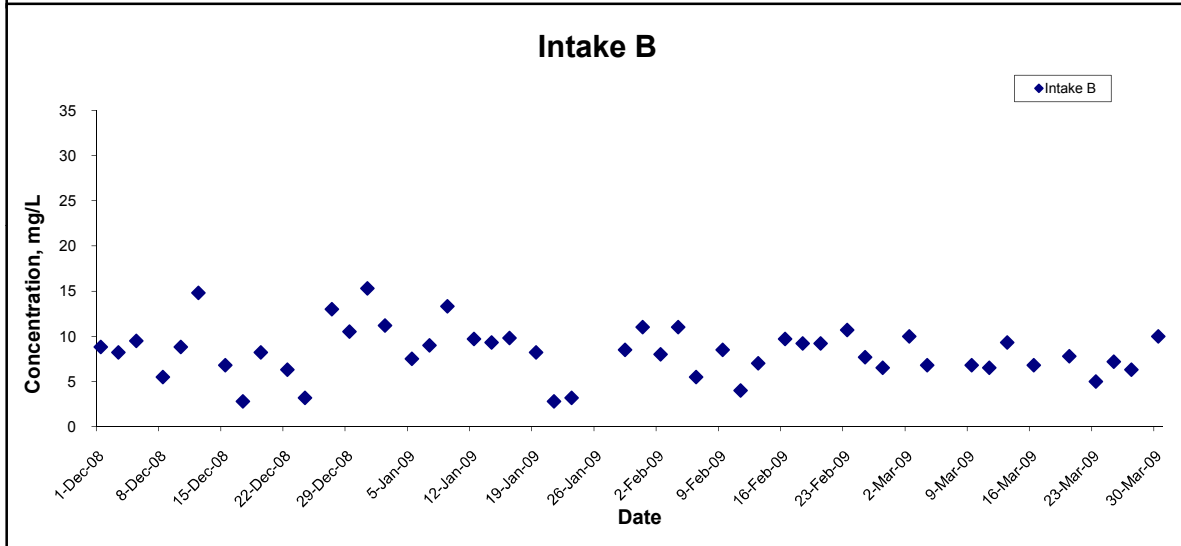
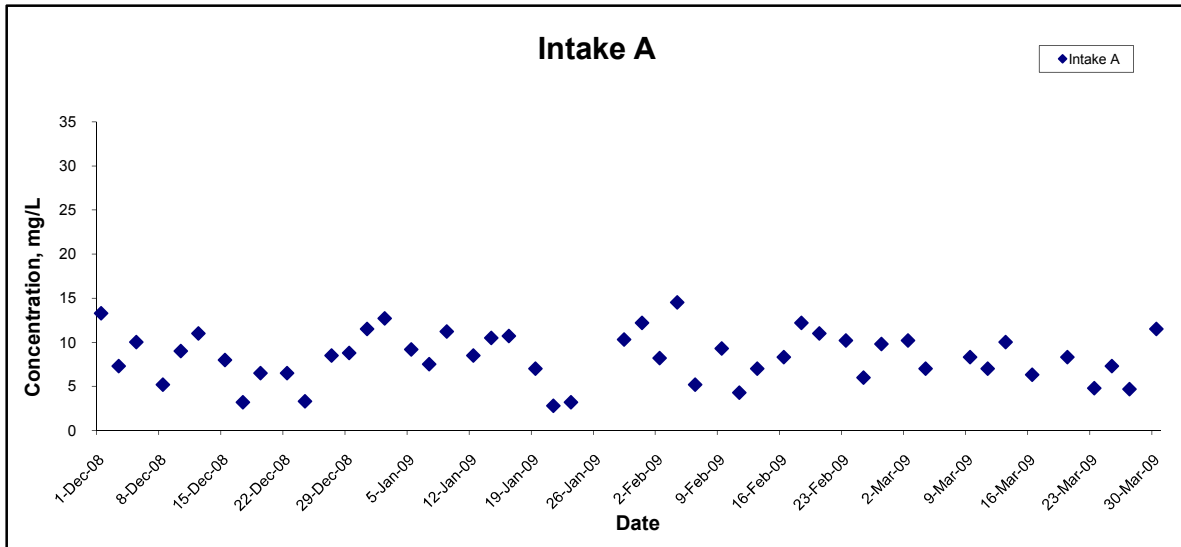


## Suspended Solids (Depth-averaged) at Mid-Flood Tide



|  |                |                       |  |
|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |

## Suspended Solids (Depth-averaged) at Mid-Flood Tide



|  |                |                       |  |
|--|----------------|-----------------------|--|
| Title<br>Contract No. DC/2007/10<br>Design and Construction of Hong Kong West Drainage Tunnel<br><br>Graphical Presentation of Water Quality<br>Monitoring Results | Scale<br>N.T.S | Project<br>No. MA8001 |  |
|  | Date<br>Mar 09 | Appendix<br>H         |  |