

ANNEX G

CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2021/07/09

Tide: Mid-Ebb

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* | | |
| E1 | Fine | Calm | 10:15 | 9.8 | S | 0.53 | 130 | 27.91 | 27.87 | 26.33 | 26.37 | 8.31 | 8.31 | 127.5 | 129.4 | 8.63 | 8.76 | 7.60 | 0.7 | 0.7 | 2.7 | 2.2 | 2.3 | 3.6 | | |
| | | | | | | 0.37 | 91 | 27.82 | | 26.40 | | 8.31 | | 131.2 | | 8.89 | | | 0.7 | | | 2.4 | | | | |
| | | | | | | 0.67 | 77 | 27.76 | 29.51 | 29.32 | 8.20 | 8.22 | 89.7 | 96.5 | 5.98 | 6.44 | 1.4 | 1.4 | 2.9 | 3.1 | | | | | | |
| | | | | | M | 1.15 | 102 | 27.87 | 29.12 | 8.23 | 8.02 | 103.3 | 64.4 | 6.89 | 4.32 | 4.32 | 6.4 | 6.0 | 1.3 | 1.8 | 5.9 | 5.7 | 5.5 | | 5.6 | 5.5 |
| | | | | | | B | 0.88 | 147 | 26.86 | 31.06 | 31.06 | 8.01 | 8.02 | 63.0 | 64.4 | 4.23 | 4.83 | 4.83 | 5.5 | 1.8 | 1.8 | 5.9 | 5.7 | | 5.5 | 5.6 |
| | | | | | | | 1.08 | 198 | 26.90 | 31.05 | 31.06 | 8.02 | 8.07 | 65.7 | 73.0 | 4.41 | 4.83 | 4.83 | 5.5 | 1.8 | 1.8 | 5.9 | 5.7 | | 5.5 | 5.6 |
| IM1 | Fine | Calm | 10:51 | 10.0 | S | 0.82 | 241 | 29.14 | 29.10 | 29.14 | 29.10 | 8.29 | 8.30 | 113.8 | 115.4 | 7.53 | 7.64 | 7.01 | 1.1 | 1.2 | 1.1 | 5.9 | 5.7 | 4.2 | | |
| | | | | | | 0.68 | 99 | 29.06 | | 29.06 | | 8.30 | | 117.0 | | 7.74 | | | 1.3 | | | 5.5 | | | | |
| | | | | | | 0.18 | 179 | 31.83 | 31.73 | 31.83 | 8.22 | 93.7 | 6.11 | 0.2 | 3.6 | | | | | | | | | | | |
| | | | | | M | 0.26 | 234 | 31.62 | 31.62 | 8.22 | 101.8 | 6.66 | 0.2 | 4.0 | | | | | | | | | | | | |
| | | | | | | B | 0.59 | 347 | 32.53 | 32.53 | 8.07 | 74.9 | 4.96 | 1.8 | 3.3 | | | | | | | | | | | |
| | | | | | | | 0.32 | 342 | 32.54 | 32.54 | 8.07 | 71.0 | 4.70 | 1.7 | 2.9 | | | | | | | | | | | |
| IM2 | Fine | Calm | 10:28 | 12.0 | S | 0.16 | 312 | 26.58 | 26.59 | 26.58 | 26.59 | 8.36 | 8.37 | 126.7 | 130.0 | 8.52 | 8.75 | 7.11 | 0.5 | 0.5 | 1.3 | 2.4 | 2.6 | 3.4 | | |
| | | | | | | 0.84 | 155 | 26.60 | | 26.60 | | 8.37 | | 133.2 | | 8.97 | | | 0.4 | | | 2.7 | | | | |
| | | | | | | 0.26 | 124 | 30.71 | 30.87 | 30.71 | 8.13 | 78.9 | 5.21 | 1.5 | 3.3 | | | | | | | | | | | |
| | | | | | M | 1.03 | 305 | 31.02 | 31.02 | 8.14 | 86.8 | 5.72 | 1.6 | 3.2 | | | | | | | | | | | | |
| | | | | | | B | 0.58 | 266 | 33.07 | 33.07 | 7.88 | 41.8 | 2.84 | 1.9 | 4.6 | | | | | | | | | | | |
| | | | | | | | 0.58 | 266 | 33.05 | 33.05 | 7.88 | 37.8 | 2.57 | 2.1 | 4.2 | | | | | | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/09

Tide: Mid-Flood

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* | | |
| F1 | Fine | Calm | 17:23 | 19.0 | S | 0.54 | 310 | 28.45 | 28.47 | 25.49 | 25.60 | 8.50 | 8.51 | 155.3 | 155.7 | 10.47 | 10.49 | 6.40 | 0.8 | 0.9 | 2.2 | 2.6 | 3.0 | 4.1 | | |
| | | | | | | 0.54 | 310 | 28.48 | | 25.70 | | 8.52 | | 156.1 | | 10.51 | | | 0.9 | | | 3.3 | | | | |
| | | | | | | 1.14 | 319 | 25.69 | 25.80 | 33.11 | 33.04 | 7.91 | 7.94 | 31.5 | 34.2 | 2.13 | 2.31 | 2.2 | 2.2 | 4.1 | | | | | | |
| | | | | | M | 1.06 | 35 | 25.90 | 23.68 | 34.35 | 34.35 | 7.65 | 7.66 | 18.4 | 17.1 | 1.28 | 1.20 | 3.5 | 3.6 | 3.6 | 2.2 | 5.2 | 5.4 | 5.5 | 4.0 | 4.0 |
| | | | | | | 0.50 | 45 | 23.67 | | 34.35 | | 7.65 | | 18.4 | | 1.28 | | 3.5 | | | | | | | | |
| | | | | | | 0.20 | 14 | 23.68 | | 34.35 | | 7.66 | | 15.8 | | 1.12 | | 3.6 | | | | | | | | |
| IM1 | Fine | Calm | 17:44 | 9.0 | S | 0.69 | 322 | 29.74 | 29.76 | 29.30 | 29.28 | 8.41 | 8.41 | 128.0 | 129.5 | 8.27 | 8.37 | 7.03 | 1.6 | 1.6 | 3.6 | 3.2 | 3.0 | 6.5 | | |
| | | | | | | 1.21 | 320 | 29.77 | | 29.25 | | 8.41 | | 131.0 | | 8.46 | | | 1.5 | | | 2.8 | | | | |
| | | | | | | 0.36 | 358 | 28.06 | 27.77 | 31.06 | 31.46 | 8.28 | 8.24 | 88.1 | 86.2 | 5.80 | 5.69 | 2.2 | 2.3 | 3.8 | | | | | | |
| | | | | | M | 0.50 | 318 | 27.48 | 25.45 | 33.28 | 33.27 | 7.97 | 7.98 | 40.5 | 38.0 | 2.75 | 2.58 | 2.41 | 2.58 | 6.8 | 6.9 | 4.5 | 12.3 | 12.0 | 4.2 | 12.3 |
| | | | | | | 0.44 | 323 | 25.46 | | 33.26 | | 7.98 | | 35.5 | | 2.41 | | 7.0 | | | | | | | | |
| | | | | | | 1.00 | 89 | 25.44 | | 33.28 | | 7.97 | | 40.5 | | 2.75 | | 6.8 | | | | | | | | |
| IM2 | Fine | Calm | 18:10 | 11.0 | S | 0.98 | 209 | 27.11 | 27.11 | 25.03 | 25.06 | 8.35 | 8.35 | 113.8 | 113.8 | 7.87 | 7.87 | 7.66 | 2.0 | 1.9 | 7.7 | 3.7 | 3.9 | 12.2 | | |
| | | | | | | 1.46 | 205 | 27.10 | | 25.08 | | 8.35 | | 113.8 | | 7.87 | | | 1.7 | | | 4.1 | | | | |
| | | | | | | 0.19 | 313 | 27.14 | 27.15 | 27.41 | 27.44 | 8.35 | 8.35 | 107.5 | 109.2 | 7.33 | 7.44 | 8.0 | 8.2 | 12.0 | | | | | | |
| | | | | | M | 0.41 | 181 | 27.15 | 26.13 | 27.47 | 32.54 | 8.35 | 8.05 | 110.8 | 51.9 | 7.55 | 3.50 | 8.4 | 13.1 | 12.2 | 12.1 | 22.7 | 20.5 | 12.2 | 12.1 | 12.2 |
| | | | | | | 0.60 | 53 | 26.10 | | 32.58 | | 8.05 | | 53.3 | | 3.73 | | 13.3 | | | | | | | | |
| | | | | | | 0.64 | 347 | 26.15 | | 32.49 | | 8.05 | | 48.4 | | 3.26 | | 12.9 | | | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/12

Tide: Mid-Ebb

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* | | | |
| E1 | Fine | Calm | 12:44 | 9.0 | S | 1.23 | 131 | 29.04 | 29.04 | 27.52 | 27.52 | 8.51 | 8.51 | 150.5 | 151.6 | 9.93 | 10.01 | 9.61 | 0.5 | 0.5 | 2.5 | 2.4 | 2.7 | 3.5 | | | |
| | | | | | | 0.71 | 170 | 29.04 | | 27.52 | | 8.51 | | 152.7 | | 10.08 | | | 0.4 | | | 2.9 | | | | | |
| | | | | | | 0.17 | 321 | 28.40 | | 28.38 | | 8.47 | | 134.9 | | 138.6 | | | 8.96 | | | 9.21 | | | 0.9 | 2.6 | |
| | | | | | M | 0.44 | 137 | 28.40 | 28.36 | 8.47 | 142.3 | 138.6 | 8.96 | 9.21 | 0.8 | 2.2 | 2.5 | 0.9 | 6.3 | 4.55 | 4.55 | 6.3 | 2.5 | 2.3 | 2.4 | 3.5 | |
| | | | | | | 0.44 | 94 | 26.97 | 30.53 | 8.10 | 70.9 | 67.8 | 4.76 | 6.0 | 8.6 | 5.5 | | | | | | | | | | | |
| | | | | | | 0.44 | 94 | 26.93 | 30.59 | 8.09 | 64.6 | 67.8 | 4.34 | 6.5 | 8.6 | 5.5 | | | | | | | | | | | |
| IM1 | Fine | Calm | 12:02 | 10.0 | S | 0.44 | 113 | 29.00 | 29.01 | 27.89 | 27.88 | 8.47 | 8.47 | 144.9 | 147.0 | 9.55 | 9.69 | 7.58 | 0.5 | 0.5 | 0.5 | 3.9 | 3.9 | 2.6 | | | |
| | | | | | | 0.67 | 42 | 27.45 | | 30.58 | | 8.15 | | 85.9 | | 82.2 | | | 5.72 | | | 5.48 | | | 0.4 | 2.6 | |
| | | | | | | 0.64 | 199 | 27.20 | | 31.06 | | 8.09 | | 78.5 | | 82.2 | | | 5.24 | | | 5.48 | | | 0.4 | 2.4 | |
| | | | | | M | 0.89 | 197 | 26.41 | 33.13 | 7.95 | 7.96 | 54.6 | 53.2 | 3.65 | 3.56 | 3.56 | 0.6 | 0.6 | 0.6 | 3.56 | 3.56 | 0.6 | 1.4 | 1.4 | 2.6 | | |
| | | | | | | 0.89 | 197 | 26.38 | 33.14 | 7.96 | | 51.8 | | 53.2 | | | 3.46 | | | | | | | | | 0.6 | 1.5 |
| | | | | | | 0.59 | 166 | 28.65 | 27.64 | 8.51 | | 146.6 | | 153.3 | | | 9.73 | | | | | | | | | 10.16 | 0.6 |
| IM2 | Fine | Calm | 12:29 | 12.0 | S | 0.59 | 166 | 28.90 | 28.78 | 27.44 | 27.54 | 8.52 | 8.52 | 160.0 | 160.0 | 10.59 | 10.16 | 8.09 | 0.5 | 0.6 | 1.4 | 4.5 | 4.4 | 4.1 | | | |
| | | | | | | 0.51 | 216 | 28.00 | | 29.61 | | 8.24 | | 89.8 | | 90.5 | | | 5.96 | | | 6.02 | | | 1.8 | 4.2 | |
| | | | | | | 0.51 | 216 | 27.78 | | 29.85 | | 8.23 | | 91.2 | | 90.5 | | | 6.07 | | | 6.02 | | | 1.8 | 3.9 | |
| | | | | | M | 0.23 | 149 | 24.76 | 33.46 | 7.86 | 7.85 | 37.3 | 34.4 | 2.56 | 2.35 | 2.35 | 1.7 | 1.8 | 1.8 | 2.35 | 2.35 | 1.8 | 1.8 | 1.8 | 4.1 | | |
| | | | | | | 0.40 | 155 | 24.69 | 33.51 | 7.84 | | 31.5 | | 34.4 | | | 2.14 | | | | | | | | | 1.8 | 4.0 |
| | | | | | | 0.40 | 155 | 24.69 | 33.51 | 7.84 | | 31.5 | | 34.4 | | | 2.14 | | | | | | | | | 1.8 | 4.0 |
| B | 0.23 | 149 | 24.76 | 33.46 | 7.86 | 7.85 | 37.3 | 34.4 | 2.56 | 2.35 | 2.35 | 1.7 | 1.8 | 1.8 | 2.35 | 2.35 | 1.8 | 1.8 | 1.8 | 4.1 | | | | | | | |
| | 0.40 | 155 | 24.69 | 33.51 | 7.84 | | 31.5 | | 34.4 | | | 2.14 | | | | | | | | | 1.8 | 4.0 | | | | | |
| | 0.40 | 155 | 24.69 | 33.51 | 7.84 | | 31.5 | | 34.4 | | | 2.14 | | | | | | | | | 1.8 | 4.0 | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/12

Tide: Mid-Flood

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* |
| F1 | Cloudy | Calm | 07:38 | 20.0 | S | 0.67 | 12 | 28.17 | 28.17 | 27.59 | 27.60 | 8.43 | 8.43 | 132.1 | 134.6 | 8.84 | 9.01 | 6.86 | 0.5 | 0.5 | 1.4 | 2.6 | 2.7 | 3.6 |
| | | | | | | 0.50 | 220 | 28.16 | | 27.60 | | 8.43 | | 137.0 | | 9.17 | | | 0.4 | | | 2.7 | | |
| | | | | | | 0.19 | 51 | 27.44 | 27.53 | 33.41 | 33.42 | 8.11 | 8.11 | 67.3 | 72.0 | 4.41 | 4.71 | | 0.7 | | | 0.8 | | |
| | | | | | 0.64 | 203 | 27.61 | 33.42 | | 8.11 | | 76.6 | | 5.01 | | 3.8 | | | | | | | | |
| | | | | | 0.72 | 117 | 23.83 | 34.34 | | 7.78 | | 21.6 | | 1.50 | | 2.8 | | 4.2 | | | | | | |
| | | | | | B | 1.32 | 25 | 23.82 | 23.83 | 34.34 | 34.34 | 7.78 | 7.78 | 18.8 | 20.2 | 1.40 | 1.40 | 1.30 | 1.40 | 3.0 | 4.6 | 4.4 | | |
| 1.33 | 240 | 28.35 | 27.90 | 27.92 | | 8.46 | 8.46 | 138.2 | | 138.8 | | 9.21 | | 9.25 | | 0.3 | | 0.3 | | 2.4 | 2.2 | | | |
| 0.31 | 251 | 28.35 | 28.35 | 27.94 | | 28.46 | 8.46 | 8.46 | | 139.4 | | 138.8 | | 9.29 | | 9.25 | | 0.3 | | 0.3 | 2.0 | 2.2 | | |
| IM1 | Cloudy | Calm | 07:59 | 10.0 | S | 0.36 | 255 | 28.35 | 28.36 | 28.47 | 28.46 | 8.41 | 8.41 | 120.8 | 125.3 | 8.02 | 8.32 | 8.79 | 0.7 | 0.7 | 0.7 | 2.5 | 2.4 | 2.6 |
| | | | | | | 0.30 | 331 | 28.36 | | 28.44 | | 8.41 | | 129.8 | | 8.62 | | | 0.6 | | | 2.2 | | |
| | | | | | | 0.32 | 335 | 25.71 | 25.94 | 32.90 | 32.72 | 7.95 | 7.98 | 57.0 | 53.7 | 3.86 | 3.63 | | 3.63 | | | 3.63 | | |
| | | | | | 0.52 | 262 | 26.16 | 32.54 | | 8.00 | | 50.3 | | 3.39 | | 1.0 | | 3.3 | | | | | | |
| | | | | | 0.45 | 230 | 28.40 | 28.42 | | 27.88 | | 27.90 | | 8.32 | | 8.32 | | 116.5 | 117.9 | 7.76 | 7.85 | | 7.14 | 1.0 |
| | | | | | 0.37 | 345 | 28.43 | | 27.91 | 8.32 | 119.3 | | 7.94 | 0.9 | 2.9 | | | | | | | | | |
| M | 0.24 | 257 | 27.98 | 28.01 | 27.79 | 27.80 | 8.23 | 8.24 | 89.5 | 95.9 | 6.00 | 6.43 | 6.43 | 6.43 | 1.4 | 1.4 | 3.1 | 3.4 | | | | | | |
| | 0.67 | 2 | 28.04 | | 27.80 | | 8.24 | | 102.2 | | 6.85 | | | | 1.3 | | 3.6 | | | | | | | |
| | 0.34 | 261 | 25.77 | | 25.56 | | 32.30 | | 32.60 | | 7.88 | | | | 7.85 | | 34.8 | | 32.5 | 2.41 | 2.23 | 2.23 | 2.23 | 2.5 |
| 0.34 | 261 | 25.35 | 32.89 | 7.82 | | 30.1 | 2.05 | 2.4 | | 2.7 | | | | | | | | | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/14

Tide: Mid-Ebb

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* |
| E1 | Fine | Calm | 14:06 | 9.0 | S | 0.20 | 74 | 29.55 | 29.71 | 27.26 | 27.19 | 8.30 | 8.34 | 127.1 | 136.2 | 8.33 | 8.91 | 6.61 | 1.4 | 1.4 | 2.0 | 4.8 | 5.0 | 4.3 |
| | | | | | | 0.47 | 189 | 29.86 | | 27.12 | | 8.37 | | 145.2 | | 9.48 | | 1.3 | 5.1 | | | | | |
| | | | | | | 0.38 | 137 | 27.39 | 29.71 | 29.74 | 8.03 | 8.03 | 63.6 | 64.5 | 4.26 | 4.32 | 3.3 | 4.4 | | | | | | |
| | | | | | M | 0.42 | 162 | 27.40 | 29.77 | 8.03 | 8.03 | 65.3 | 4.37 | 3.5 | 4.8 | 4.6 | | | | | | | | |
| | | | | | | B | 0.36 | 352 | 27.11 | 27.04 | 32.11 | 32.19 | 8.04 | 8.02 | 57.2 | 53.2 | 3.80 | 3.54 | 3.54 | 1.1 | 1.2 | 3.3 | 3.5 | |
| | | | | | | | 0.36 | 352 | 26.97 | 32.27 | 7.99 | 49.1 | 3.27 | 1.3 | 3.6 | 3.6 | | | | | | | | |
| IM1 | Fine | Calm | 13:11 | 10.2 | S | 0.22 | 119 | 28.31 | 28.34 | 28.81 | 28.87 | 8.23 | 8.23 | 114.7 | 114.4 | 7.61 | 7.58 | 6.79 | 1.0 | 1.0 | 1.1 | 3.9 | 4.2 | 4.4 |
| | | | | | | 0.22 | 119 | 28.36 | | 28.92 | | 8.23 | | 114.0 | | 7.55 | | 1.0 | 4.4 | | | | | |
| | | | | | | M | 0.19 | 41 | 28.43 | 28.39 | 30.03 | 29.93 | 8.11 | 8.13 | 88.7 | 91.3 | 5.83 | 6.01 | 1.1 | 1.2 | 4.3 | 4.5 | | |
| | | | | | B | | 0.16 | 66 | 28.35 | 26.84 | 29.82 | 33.01 | 33.01 | 8.14 | 7.93 | 93.8 | 6.18 | 3.62 | 3.62 | 1.1 | 1.1 | 4.6 | 4.5 | |
| | | | | | | | 0.19 | 59 | 26.83 | 33.01 | 7.92 | 55.8 | 54.4 | 3.71 | 3.62 | 4.7 | 4.5 | | | | | | | |
| | | | | | IM2 | Fine | Calm | 13:46 | 12.3 | S | 0.28 | 51 | 30.15 | 30.12 | 26.74 | 26.76 | 8.42 | 8.43 | 151.0 | 152.0 | 9.83 | 9.90 | 9.13 | |
| 0.28 | 51 | 30.09 | 26.77 | 8.43 | | | | | | | 152.9 | 9.96 | 0.8 | | 3.0 | | | | | | | | | |
| M | 0.10 | 132 | 28.90 | 28.93 | | | | | | | 28.59 | 28.66 | 8.30 | 8.31 | 124.6 | 127.1 | 8.20 | 8.36 | 1.1 | 1.0 | 3.8 | 3.6 | | |
| | B | 0.10 | 132 | 28.95 | | | | | | 25.56 | 28.73 | 33.50 | 33.49 | 8.32 | 7.95 | 129.6 | 8.51 | 2.25 | 2.25 | 0.9 | 2.4 | 4.4 | 4.2 | |
| | | 0.21 | 134 | 25.55 | | | | | | 33.48 | 7.89 | 30.5 | 33.2 | 2.43 | 2.25 | 2.4 | 2.5 | 3.4 | 4.2 | | | | | |
| 0.21 | 134 | 25.57 | 33.48 | 7.89 | | | | | | 30.5 | 33.2 | 2.06 | 2.25 | 2.5 | 3.9 | 4.2 | | | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/14

Tide: Mid-Flood

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* | | | | |
| F1 | Cloudy | Calm | 07:52 | 20.1 | S | 0.32 | 10 | 29.00 | 29.00 | 24.50 | 25.18 | 8.36 | 8.36 | 123.9 | 125.3 | 8.32 | 8.38 | 5.56 | 0.8 | 0.8 | 1.8 | 2.5 | 2.9 | 3.6 | | | | |
| | | | | | | 0.32 | 10 | 28.99 | | 25.85 | | 8.35 | | 126.6 | | 8.44 | | | 0.8 | | | 3.2 | | | | | | |
| | | | | | | 0.30 | 28 | 26.94 | 26.57 | 32.10 | 32.47 | 7.95 | 7.93 | 44.2 | 40.9 | 2.94 | 2.73 | | 1.1 | | | 1.2 | | | 3.5 | 3.4 | | |
| | | | | | M | 0.21 | 333 | 26.20 | 24.83 | 32.83 | 34.10 | 7.90 | 7.85 | 37.5 | 30.8 | 30.0 | 2.52 | | 2.05 | 2.05 | | 2.05 | 3.3 | | 3.4 | 4.9 | 4.4 | 4.7 |
| | | | | | | 0.43 | 279 | 24.83 | | 34.10 | | 7.86 | | 29.2 | | | 1.99 | | | 3.4 | | | 4.4 | | | | | |
| | | | | | | 0.43 | 279 | 24.83 | | 34.09 | | 7.84 | | 29.2 | | | 1.99 | | | 3.4 | | | 4.4 | | | | | |
| IM1 | Cloudy | Calm | 07:22 | 10.2 | S | 0.12 | 226 | 29.60 | 29.61 | 27.34 | 27.38 | 8.40 | 8.41 | 138.6 | 140.5 | 9.07 | 9.20 | 7.69 | 0.5 | 0.6 | 1.2 | 2.1 | 2.3 | 3.0 | | | | |
| | | | | | | 0.42 | 261 | 29.62 | | 27.41 | | 8.41 | | 142.4 | | 9.32 | | | 0.6 | | | 2.4 | | | | | | |
| | | | | | | 0.32 | 348 | 28.51 | 28.51 | 29.75 | 8.17 | 92.1 | 6.06 | 1.1 | 3.2 | | | | | | | | | | | | | |
| | | | | | M | 0.11 | 327 | 28.51 | 27.40 | 29.74 | 29.75 | 8.18 | 8.18 | 95.6 | 93.9 | 6.29 | 6.18 | | 1.0 | 1.1 | | 2.9 | 3.1 | | 3.8 | 3.6 | | |
| | | | | | | 0.33 | 324 | 27.40 | | 31.53 | | 8.08 | | 73.0 | | 4.84 | | | 1.8 | | | 3.8 | | | | | | |
| | | | | | | 0.33 | 324 | 27.40 | | 31.51 | | 8.06 | | 66.6 | | 4.42 | | | 2.0 | | | 3.4 | | | | | | |
| IM2 | Cloudy | Calm | 06:44 | 12.0 | S | 0.49 | 249 | 27.79 | 27.81 | 26.56 | 26.66 | 8.12 | 8.12 | 89.1 | 89.7 | 6.04 | 6.08 | 5.57 | 1.8 | 1.8 | 2.1 | 2.4 | 2.3 | 3.2 | | | | |
| | | | | | | 0.22 | 187 | 27.82 | | 26.75 | | 8.12 | | 90.3 | | 6.11 | | | 1.8 | | | 2.1 | | | | | | |
| | | | | | | 0.17 | 79 | 27.58 | 27.60 | 28.40 | 28.35 | 8.03 | 8.05 | 70.2 | 75.3 | 4.72 | 5.07 | | 1.7 | | | 1.6 | | | 3.4 | 3.6 | | |
| | | | | | M | 0.15 | 138 | 27.61 | 25.86 | 28.30 | 33.28 | 8.07 | 7.81 | 80.4 | 29.5 | 27.5 | 5.41 | | 1.99 | 1.5 | | 1.6 | 3.8 | | 3.8 | 3.7 | 3.8 | |
| | | | | | | 0.53 | 325 | 25.82 | | 33.33 | | 7.81 | | 29.5 | | | 1.99 | | | 2.9 | | | 3.7 | | | | | |
| | | | | | | 0.53 | 325 | 25.89 | | 33.22 | | 7.80 | | 25.5 | | | 1.72 | | | 3.0 | | | 3.8 | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/16

Tide: Mid-Ebb

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* |
| E1 | Fine | Calm | 15:21 | 9.8 | S | 0.29 | 259 | 30.02 | 30.03 | 25.67 | 25.66 | 8.45 | 8.47 | 160.3 | 163.0 | 10.52 | 10.70 | 7.47 | 0.8 | 0.8 | 1.3 | 2.6 | 2.7 | 3.2 |
| | | | | | | 0.29 | 259 | 30.03 | | 25.65 | | 8.48 | | 165.6 | | 10.87 | | | 0.8 | | | 2.8 | | |
| | | | | | | 0.56 | 191 | 27.90 | 28.43 | 8.04 | 63.4 | 4.24 | 1.2 | 3.1 | | | | | | | | | | |
| | | | | | M | 0.56 | 191 | 27.92 | 27.91 | 28.42 | 8.04 | 8.04 | 63.4 | 4.24 | 4.24 | 1.2 | 3.4 | | | | | | | |
| | | | | | | 0.49 | 22 | 26.72 | 26.58 | 32.14 | 8.00 | 50.4 | 3.37 | 1.6 | 3.6 | | | | | | | | | |
| | | | | | | 0.49 | 22 | 26.43 | | 32.48 | 7.93 | 41.2 | 2.76 | 1.9 | 3.7 | | | | | | | | | |
| IM1 | Fine | Calm | 14:34 | 11.0 | S | 0.20 | 139 | 30.70 | 30.71 | 24.73 | 24.73 | 8.47 | 8.49 | 152.9 | 156.3 | 9.97 | 10.20 | 7.68 | 0.5 | 0.6 | 1.4 | 1.4 | 1.6 | 2.7 |
| | | | | | | 0.15 | 117 | 30.71 | | 24.73 | | 8.51 | | 159.7 | | 10.42 | | | 0.6 | | | 1.8 | | |
| | | | | | | 0.08 | 87 | 28.01 | 28.00 | 29.69 | 8.04 | 75.8 | 5.03 | 0.7 | 2.2 | | | | | | | | | |
| | | | | | M | 0.08 | 87 | 27.99 | 29.68 | 8.06 | 79.6 | 5.16 | 0.6 | 2.4 | | | | | | | | | | |
| | | | | | | 0.23 | 153 | 25.66 | 25.66 | 33.55 | 7.93 | 49.1 | 3.32 | 3.2 | 3.9 | | | | | | | | | |
| | | | | | | 0.23 | 153 | 25.65 | | 33.52 | 7.90 | 42.6 | 2.88 | 2.7 | 4.4 | | | | | | | | | |
| IM2 | Fine | Calm | 15:05 | 12.6 | S | 0.62 | 179 | 29.70 | 29.71 | 26.51 | 26.48 | 8.37 | 8.38 | 141.2 | 143.2 | 9.27 | 9.41 | 7.47 | 0.7 | 0.7 | 1.6 | 3.1 | 3.3 | 3.7 |
| | | | | | | 0.62 | 179 | 29.71 | | 26.44 | | 8.39 | | 145.2 | | 9.54 | | | 0.7 | | | 3.5 | | |
| | | | | | | 0.27 | 46 | 28.38 | 28.39 | 28.83 | 8.09 | 78.0 | 5.17 | 0.9 | 3.8 | | | | | | | | | |
| | | | | | M | 0.17 | 225 | 28.40 | 28.80 | 8.13 | 88.8 | 5.53 | 0.8 | 3.4 | | | | | | | | | | |
| | | | | | | 0.32 | 107 | 25.35 | 25.35 | 33.74 | 7.95 | 40.3 | 2.73 | 3.1 | 4.0 | | | | | | | | | |
| | | | | | | 0.14 | 220 | 25.34 | | 33.73 | 7.89 | 34.5 | 2.34 | 3.6 | 4.3 | | | | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/16

Tide: Mid-Flood

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* |
| F1 | Fine | Calm | 08:55 | 20.0 | S | 0.29 | 29 | 29.96 | 29.96 | 23.84 | 23.85 | 8.44 | 8.45 | 136.5 | 139.2 | 9.06 | 9.24 | 5.98 | 0.7 | 0.7 | 1.8 | 2.4 | 2.5 | 3.1 |
| | | | | | | 0.29 | 29 | 29.96 | | 23.86 | | 8.46 | | 141.8 | | 9.41 | | | 0.7 | | | 2.6 | | |
| | | | | | | 0.48 | 261 | 26.57 | 26.47 | 32.79 | 32.88 | 7.92 | 7.92 | 41.1 | 40.9 | 2.74 | 2.73 | 1.1 | 1.1 | 2.8 | | | | |
| | | | | | 0.30 | 338 | 26.37 | 32.96 | | 7.92 | | 40.7 | | 2.72 | | 1.1 | | 3.1 | | | | | | |
| | | | | | 0.35 | 96 | 25.00 | 34.04 | | 7.93 | | 43.4 | | 2.96 | | 3.7 | | | | | | | | |
| | | | | | B | 0.35 | 96 | 25.00 | 25.00 | 34.04 | 7.92 | 42.7 | 2.91 | 2.94 | 2.94 | 3.6 | 3.5 | 3.6 | 4.1 | | | | | |
| 0.18 | 105 | 30.26 | 30.26 | 24.51 | | 24.51 | 8.49 | 8.50 | | 142.2 | 143.2 | 9.35 | 9.42 | 7.89 | 0.4 | 0.4 | 1.1 | 5.1 | 4.9 | 3.6 | | | | |
| 0.18 | 105 | 30.26 | | 24.51 | | | 8.50 | | | 144.1 | | 9.48 | | | 0.4 | | | 4.7 | | | | | | |
| IM1 | Fine | Calm | 09:22 | 10.7 | S | 0.48 | 45 | 28.69 | 28.73 | 28.59 | 28.56 | 8.18 | 8.19 | 94.6 | 96.4 | 6.24 | 6.36 | 7.89 | 0.7 | 0.7 | 1.1 | 3.1 | 3.3 | 3.6 |
| | | | | | | 0.37 | 330 | 28.77 | | 28.52 | | 8.19 | | 98.1 | | 6.47 | | | 0.6 | | | 3.4 | | |
| | | | | | | 0.17 | 44 | 26.82 | 26.75 | 31.97 | 32.09 | 8.01 | 8.00 | 56.8 | 54.1 | 3.79 | 3.61 | 3.61 | 2.1 | 2.2 | 2.5 | | | |
| | | | | | 0.42 | 356 | 26.68 | 32.20 | | 7.98 | | 51.3 | | 3.43 | | 2.2 | | | 2.9 | | | | | |
| | | | | | 1.21 | 36 | 30.48 | 30.52 | | 24.97 | | 24.96 | | 8.44 | | 8.45 | | | 136.6 | | 137.6 | 8.93 | 8.99 | 8.06 |
| | | | | | 1.21 | 36 | 30.55 | | 24.94 | 8.46 | 138.5 | | 9.05 | 0.6 | 3.3 | | | | | | | | | |
| IM2 | Fine | Calm | 08:06 | 12.0 | M | 0.17 | 166 | 29.08 | 29.07 | 26.89 | 26.90 | 8.20 | 8.21 | 106.7 | 107.8 | 7.06 | 7.14 | 8.06 | 1.3 | 1.3 | 1.7 | 5.1 | 5.0 | 4.9 |
| | | | | | | 0.34 | 132 | 29.05 | | 26.90 | | 8.22 | | 108.9 | | 7.21 | | | 1.2 | | | 4.8 | | |
| | | | | | | 0.40 | 50 | 26.04 | 26.16 | 32.82 | 32.55 | 7.87 | 7.86 | 36.7 | 35.8 | 2.47 | 2.41 | 2.41 | 3.2 | 3.2 | 6.6 | | | |
| | | | | | 0.40 | 50 | 26.28 | 32.27 | | 7.85 | | 34.9 | | 2.35 | | 3.2 | | | 6.2 | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/23

Tide: Mid-Ebb

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* | |
| E1 | Cloudy | Calm | 10:19 | 10.0 | S | 0.37 | 283 | 27.61 | 27.62 | 29.07 | 29.07 | 8.00 | 8.00 | 74.7 | 74.9 | 5.01 | 5.02 | 4.84 | 1.8 | 1.8 | 4.2 | 3.5 | 3.3 | 4.7 | |
| | | | | | | 0.37 | 283 | 27.62 | | 29.07 | | 7.99 | | 75.1 | | 5.03 | | | 1.7 | | | 3.1 | | | |
| | | | | | | 0.42 | 236 | 27.55 | 30.71 | 30.75 | 8.03 | 8.03 | 70.6 | 70.1 | 4.69 | 4.66 | 2.7 | | 4.3 | | | | | | |
| | | | | | M | 0.34 | 289 | 27.53 | 27.54 | 30.78 | 8.03 | 8.03 | 69.6 | 70.1 | 4.63 | 4.66 | 2.5 | | 2.6 | 4.5 | | 4.4 | | | |
| | | | | | | B | 0.09 | 354 | 27.54 | 31.62 | 31.63 | 8.03 | 8.04 | 69.8 | 69.4 | 4.62 | 4.59 | | 8.2 | 8.1 | | 6.6 | 6.3 | | |
| | | | | | | | 0.09 | 354 | 27.53 | 31.63 | | 8.05 | | 69.0 | | 4.56 | | | 8.0 | | | 6.0 | | | |
| IM1 | Cloudy | Calm | 10:54 | 10.0 | S | 0.18 | 108 | 28.72 | 28.72 | 31.25 | 31.25 | 8.13 | 8.13 | 87.4 | 87.4 | 5.68 | 5.68 | 5.74 | 1.0 | 1.0 | 2.4 | 1.6 | 1.6 | 2.7 | |
| | | | | | | 1.56 | 184 | 28.72 | | 31.25 | | 8.13 | | 87.3 | | 5.67 | | | 1.0 | | | 1.5 | | | |
| | | | | | | 0.42 | 88 | 27.63 | 27.63 | 31.34 | 31.34 | 8.15 | 8.15 | 87.4 | 87.7 | 5.78 | 5.80 | | 0.8 | | | 0.7 | | | 2.5 |
| | | | | | M | 0.42 | 88 | 27.63 | 27.63 | 31.34 | 31.34 | 8.15 | 8.15 | 87.9 | 87.7 | 5.81 | 5.80 | | 0.5 | 0.7 | | 2.3 | 2.4 | | |
| | | | | | | B | 0.56 | 296 | 27.61 | 27.61 | 31.84 | 31.84 | 8.09 | 8.10 | 76.6 | 76.7 | 5.05 | | 5.06 | 5.5 | | 5.4 | 4.2 | | 4.0 |
| | | | | | | | 0.56 | 296 | 27.61 | 31.84 | 8.10 | | 76.8 | | 5.07 | | 5.3 | | | 3.8 | | | | | |
| IM2 | Cloudy | Calm | 10:32 | 12.0 | S | 0.14 | 16 | 27.58 | 27.58 | 29.05 | 29.05 | 8.03 | 8.03 | 76.3 | 76.2 | 5.12 | 5.11 | 5.26 | 1.6 | 1.6 | 3.0 | 2.3 | 2.5 | 4.0 | |
| | | | | | | 0.99 | 157 | 27.58 | | 29.05 | | 8.02 | | 76.0 | | 5.10 | | | 1.6 | | | 2.7 | | | |
| | | | | | | 1.20 | 189 | 27.58 | 27.58 | 31.54 | 31.52 | 8.12 | 8.12 | 81.7 | 81.9 | 5.40 | 5.42 | | 1.5 | | | 1.5 | | | 2.8 |
| | | | | | M | 1.20 | 189 | 27.58 | 27.58 | 31.49 | 31.52 | 8.12 | 8.12 | 82.1 | 81.9 | 5.43 | 5.42 | | 1.4 | 1.5 | | 3.3 | 3.1 | | |
| | | | | | | B | 0.26 | 145 | 27.57 | 27.57 | 31.94 | 31.95 | 8.07 | 8.08 | 74.8 | 74.5 | 4.94 | | 4.92 | 5.6 | | 5.9 | 6.1 | | 6.3 |
| | | | | | | | 0.34 | 309 | 27.57 | 31.95 | 8.08 | | 74.1 | | 4.89 | | 6.1 | | | 6.5 | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/23

Tide: Mid-Flood

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* | | |
| F1 | Cloudy | Calm | 17:30 | 19.0 | S | 0.56 | 203 | 27.44 | 27.46 | 30.59 | 30.56 | 8.13 | 8.13 | 74.7 | 75.3 | 4.98 | 5.02 | 4.71 | 3.0 | 3.1 | 8.9 | 2.4 | 2.8 | 12.3 | | |
| | | | | | | 0.56 | 203 | 27.48 | | 30.52 | | 8.13 | | 75.8 | | 5.05 | | | 3.1 | | | | | | | |
| | | | | | | 0.51 | 15 | 27.53 | 32.40 | 32.38 | 8.13 | 8.14 | 66.5 | 67.0 | 4.38 | 4.41 | 8.0 | 7.5 | | | | | | | | |
| | | | | | M | 0.16 | 104 | 27.54 | 27.28 | 32.35 | 32.81 | 8.14 | 8.08 | 67.4 | 57.8 | 3.81 | 3.81 | 4.44 | 3.81 | 16.1 | 16.2 | 8.4 | 8.8 | | 9.1 | 25.4 |
| | | | | | | 0.42 | 344 | 27.28 | | 32.81 | | 8.08 | | 58.2 | | 3.84 | | 16.1 | | 25.2 | | | | | | |
| | | | | | | 1.01 | 351 | 27.28 | 32.81 | 8.08 | 57.3 | 3.78 | 16.3 | 25.6 | | | | | | | | | | | | |
| IM1 | Cloudy | Calm | 17:09 | 9.0 | S | 0.61 | 201 | 28.22 | 28.10 | 31.39 | 31.44 | 8.10 | 8.10 | 82.7 | 81.7 | 5.42 | 5.36 | 5.08 | 4.1 | 4.1 | 7.4 | 7.1 | 6.9 | 9.7 | | |
| | | | | | | 0.90 | 343 | 27.98 | | 31.48 | | 8.10 | | 80.7 | | 5.30 | | | 4.0 | | | 6.6 | | | | |
| | | | | | | 0.43 | 266 | 27.56 | 31.87 | 8.07 | 72.8 | 4.81 | 7.4 | 8.3 | | | | | | | | | | | | |
| | | | | | M | 0.53 | 220 | 27.55 | 27.56 | 31.88 | 31.88 | 8.08 | 8.08 | 72.4 | 72.6 | 4.78 | 4.80 | 7.5 | 7.5 | 10.3 | 10.8 | 8.3 | 8.3 | | 14.3 | 14.0 |
| | | | | | | 0.95 | 343 | 27.54 | | 31.91 | | 8.06 | | 72.6 | | 4.79 | | 14.3 | | | | | | | | |
| | | | | | | 0.95 | 343 | 27.55 | 31.91 | 8.06 | 71.6 | 4.73 | 11.3 | 13.6 | | | | | | | | | | | | |
| IM2 | Cloudy | Calm | 18:04 | 11.0 | S | 0.33 | 156 | 28.10 | 28.03 | 28.75 | 28.60 | 8.11 | 8.11 | 79.1 | 78.5 | 5.27 | 5.24 | 5.32 | 4.3 | 4.2 | 10.4 | 6.6 | 6.1 | 13.9 | | |
| | | | | | | 0.77 | 274 | 27.96 | | 28.44 | | 8.10 | | 77.8 | | 5.20 | | | 4.0 | | | 5.5 | | | | |
| | | | | | | 0.34 | 166 | 28.08 | 30.55 | 30.55 | 8.15 | 81.9 | 5.40 | 7.3 | 9.0 | | | | | | | | | | | |
| | | | | | M | 0.34 | 166 | 28.04 | 28.06 | 30.55 | 30.55 | 8.15 | 8.15 | 81.9 | 81.9 | 5.40 | 5.40 | 6.9 | 7.1 | 28.3 | 28.3 | 7.8 | 8.4 | | 28.3 | 27.2 |
| | | | | | | 0.94 | 325 | 27.71 | | 31.58 | | 8.16 | | 79.4 | | 5.24 | | 20.2 | | | | | | | | |
| | | | | | | 0.69 | 20 | 27.71 | 31.56 | 8.17 | 78.7 | 5.19 | 19.4 | 26.1 | | | | | | | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/26

Tide: Mid-Ebb

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* | | |
| E1 | Fine | Calm | 13:06 | 9.3 | S | 0.90 | 160 | 29.74 | 29.76 | 28.87 | 28.87 | 8.57 | 8.58 | 154.2 | 154.3 | 9.99 | 9.99 | 8.02 | 2.9 | 2.9 | 8.5 | 8.8 | 8.5 | 14.1 | | |
| | | | | | | 0.08 | 35 | 29.77 | | 28.87 | | 8.58 | | 154.3 | | 9.99 | | | 2.8 | | | 8.8 | | | | |
| | | | | | M | 0.28 | 126 | 28.43 | 28.47 | 31.16 | 31.05 | 8.39 | 8.40 | 91.2 | 92.6 | 5.96 | 6.05 | 3.4 | 3.4 | 10.0 | 9.7 | 9.4 | 9.7 | 23.9 | 24.2 | 24.2 |
| | | | | | | 0.28 | 126 | 28.51 | | 30.93 | | 8.40 | | 94.0 | | 6.14 | | 3.4 | | 9.4 | | | | | | |
| | | | | | B | 0.29 | 285 | 27.71 | 27.71 | 32.24 | 32.24 | 8.31 | 8.31 | 62.2 | 62.1 | 4.09 | 4.09 | 19.7 | 19.1 | 19.7 | 19.1 | 23.9 | 24.4 | 24.4 | 24.4 | 24.2 |
| | | | | | | 0.27 | 139 | 27.71 | | 32.23 | | 8.31 | | 62.0 | | 4.08 | | 18.5 | | 24.4 | | | | | | |
| IM1 | Fine | Calm | 12:06 | 10.4 | S | 0.28 | 60 | 28.82 | 28.82 | 30.86 | 30.87 | 8.26 | 8.28 | 150.2 | 150.7 | 9.77 | 9.80 | 7.53 | 3.1 | 3.3 | 8.4 | 6.8 | 7.2 | 8.4 | | |
| | | | | | | 0.28 | 60 | 28.81 | | 30.87 | | 8.29 | | 151.1 | | 9.83 | | | 3.4 | | | 7.5 | | | | |
| | | | | | M | 0.09 | 105 | 27.89 | 27.89 | 32.44 | 32.44 | 7.96 | 7.98 | 80.1 | 80.2 | 5.24 | 5.25 | 1.7 | 1.7 | 7.4 | 7.6 | 7.8 | 7.6 | 10.5 | 10.3 | 10.3 |
| | | | | | | 0.09 | 105 | 27.89 | | 32.44 | | 7.99 | | 80.3 | | 5.26 | | 1.6 | | 7.8 | | | | | | |
| | | | | | B | 0.17 | 95 | 27.72 | 27.73 | 32.68 | 32.68 | 7.81 | 7.83 | 77.0 | 77.0 | 5.05 | 5.05 | 6.5 | 6.5 | 10.5 | 10.3 | 10.1 | 10.3 | 10.5 | 10.3 | 10.3 |
| | | | | | | 0.52 | 354 | 27.73 | | 32.68 | | 7.85 | | 77.0 | | 5.05 | | 6.5 | | 10.1 | | | | | | |
| IM2 | Fine | Calm | 12:44 | 12.5 | S | 0.88 | 209 | 29.18 | 29.26 | 29.18 | 29.16 | 8.40 | 8.40 | 118.1 | 117.5 | 7.71 | 7.66 | 6.38 | 3.1 | 3.2 | 8.1 | 5.2 | 5.2 | 8.1 | | |
| | | | | | | 0.88 | 209 | 29.33 | | 29.13 | | 8.39 | | 116.9 | | 7.61 | | | 3.2 | | | 5.1 | | | | |
| | | | | | M | 0.31 | 295 | 27.77 | 27.77 | 32.55 | 32.55 | 8.31 | 8.31 | 77.7 | 77.7 | 5.09 | 5.09 | 5.3 | 5.5 | 8.9 | 8.6 | 8.2 | 8.6 | 10.4 | 10.7 | 10.7 |
| | | | | | | 0.31 | 295 | 27.76 | | 32.55 | | 8.31 | | 77.6 | | 5.09 | | 5.7 | | 8.2 | | | | | | |
| | | | | | B | 0.67 | 147 | 27.68 | 27.68 | 32.61 | 32.61 | 8.25 | 8.26 | 70.7 | 70.8 | 4.64 | 4.65 | 11.2 | 11.2 | 11.2 | 11.2 | 10.4 | 10.7 | 10.4 | 10.7 | 10.7 |
| | | | | | | 0.11 | 157 | 27.68 | | 32.60 | | 8.26 | | 70.9 | | 4.65 | | 11.1 | | 10.9 | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/07/26

Tide: Mid-Flood

| Monitoring Station | Weather Condition | Sea Condition** | Sampling Time | Water Depth | Depth Level *** | Current Velocity (m/s) | Current Direction | Temperature (°C) | | Salinity (ppt) | | pH | | 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* |
| F1 | Cloudy | Calm | 06:41 | 20.4 | S | 0.20 | 327 | 28.09 | 28.10 | 29.06 | 29.11 | 8.25 | 8.25 | 82.8 | 82.9 | 5.50 | 5.51 | 4.99 | 3.1 | 3.1 | 9.2 | 5.7 | 5.5 | 11.3 |
| | | | | | | 0.37 | 44 | 28.10 | | 29.16 | | 8.25 | | 83.0 | | 5.51 | | | 3.1 | | | 5.2 | | |
| | | | | | | 0.44 | 318 | 27.65 | 27.65 | 32.72 | 32.72 | 8.26 | 8.27 | 68.1 | 68.2 | 4.47 | 4.48 | 3.8 | 3.9 | 6.7 | 7.0 | 6.9 | | |
| | | | | | 0.47 | 349 | 27.65 | 32.72 | | 8.27 | | 68.3 | | 4.48 | | 3.9 | | 7.0 | | | | | | |
| | | | | | 0.29 | 261 | 27.30 | 27.30 | | 33.15 | | 33.15 | | 8.19 | | 8.19 | | 50.6 | | 50.6 | | 3.33 | 3.33 | 21.1 |
| | | | | | 0.29 | 261 | 27.30 | | 33.15 | 8.19 | 50.5 | | 3.32 | 20.3 | 21.8 | | | | | | | | | |
| IM1 | Cloudy | Calm | 06:10 | 10.3 | S | 0.23 | 159 | 28.40 | 28.41 | 30.14 | 30.15 | 8.29 | 8.29 | 104.5 | 105.2 | 6.87 | 6.92 | 6.68 | 2.7 | 2.7 | 4.6 | 5.8 | 5.7 | 7.4 |
| | | | | | | 0.23 | 159 | 28.41 | | 30.15 | | 8.29 | | 105.9 | | 6.96 | | | 2.7 | | | 5.6 | | |
| | | | | | | 0.28 | 315 | 28.24 | 28.24 | 31.68 | 31.69 | 8.25 | 8.26 | 98.5 | 98.6 | 6.44 | 6.45 | 3.0 | 2.9 | 6.1 | 6.2 | 6.2 | | |
| | | | | | 0.16 | 352 | 28.24 | 31.69 | | 8.26 | | 98.7 | | 6.45 | | 2.8 | | 6.2 | | | | | | |
| | | | | | 0.37 | 225 | 27.64 | 27.64 | | 32.71 | | 32.71 | | 8.14 | | 8.15 | | 73.9 | | 73.6 | | 4.85 | 4.83 | 4.83 |
| | | | | | 0.13 | 175 | 27.64 | | 32.71 | 8.15 | 73.3 | | 4.81 | 8.0 | 10.6 | | | | | | | | | |
| IM2 | Cloudy | Calm | 05:34 | 12.2 | S | 0.47 | 177 | 27.99 | 27.99 | 28.87 | 28.87 | 7.81 | 7.82 | 76.3 | 76.3 | 5.09 | 5.09 | 5.17 | 3.2 | 3.2 | 6.6 | 5.9 | 6.1 | 8.9 |
| | | | | | | 0.36 | 204 | 27.99 | | 28.87 | | 7.83 | | 76.3 | | 5.09 | | | 3.2 | | | 6.3 | | |
| | | | | | | 0.13 | 317 | 28.08 | 28.09 | 30.82 | 30.85 | 7.74 | 7.76 | 79.7 | 79.7 | 5.25 | 5.25 | 7.4 | 7.5 | 9.8 | 10.0 | 10.8 | | |
| | | | | | 0.13 | 317 | 28.09 | 30.88 | | 7.78 | | 79.7 | | 5.25 | | 7.4 | | 10.1 | | | | | | |
| | | | | | 0.20 | 299 | 27.67 | 27.67 | | 32.62 | | 32.63 | | 7.50 | | 7.55 | | 72.7 | | 72.3 | | 4.77 | 4.74 | 4.74 |
| | | | | | 0.58 | 154 | 27.67 | | 32.63 | 7.59 | 71.8 | | 4.71 | 9.3 | 10.2 | | | | | | | | | |

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; S: 1 m above the seabed

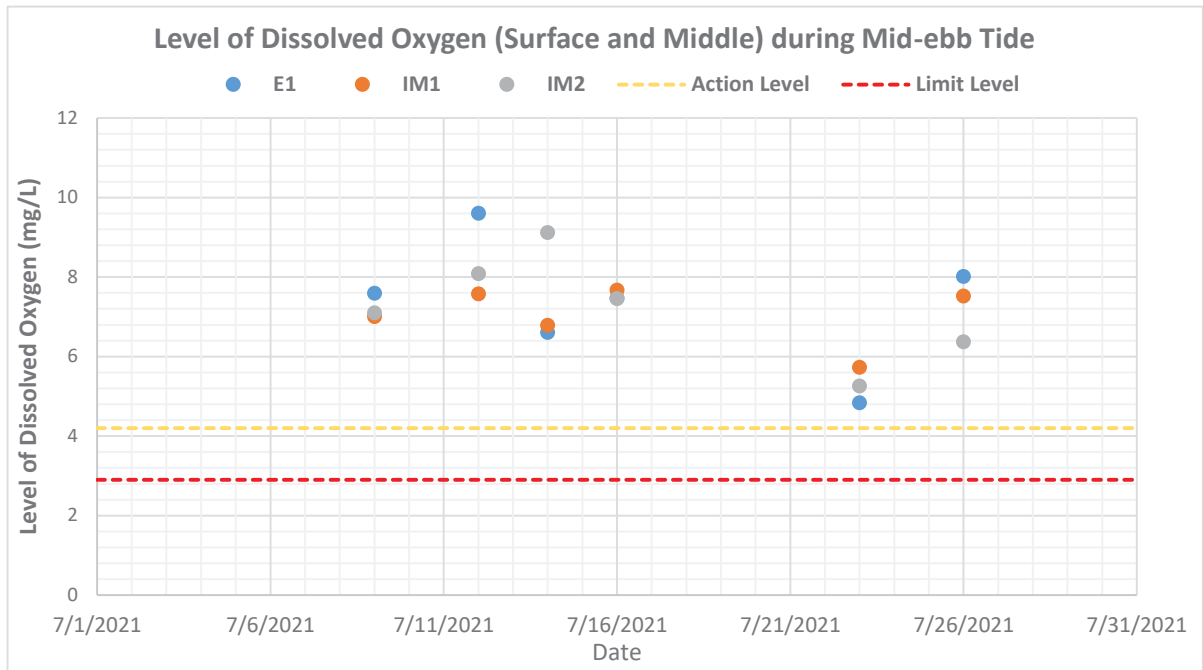


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides in July 2021.

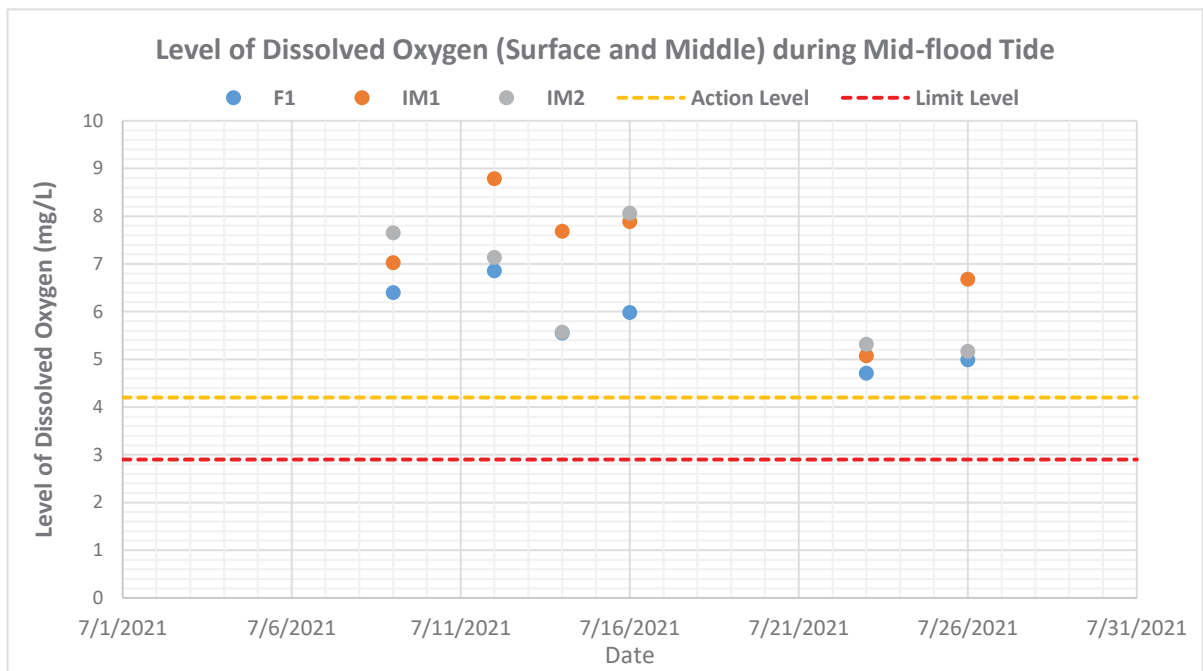


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides in July 2021.

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\08 Impact WQ

Date: 06/08/21

**Environmental
Resources
Management**



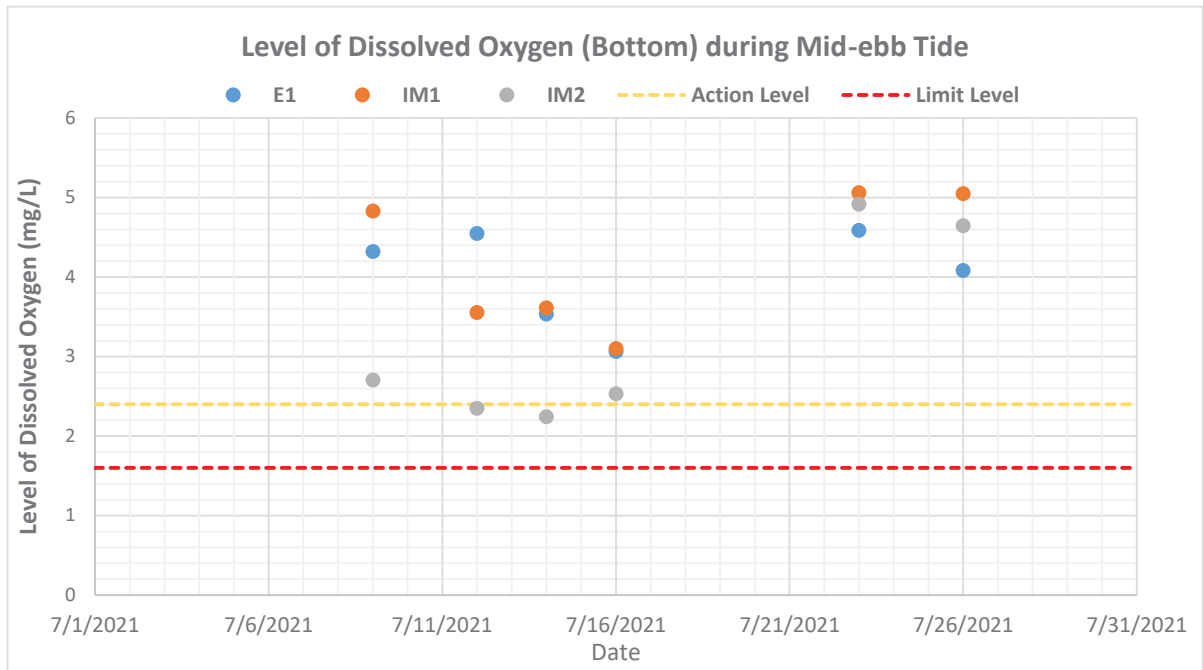


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides in July 2021.

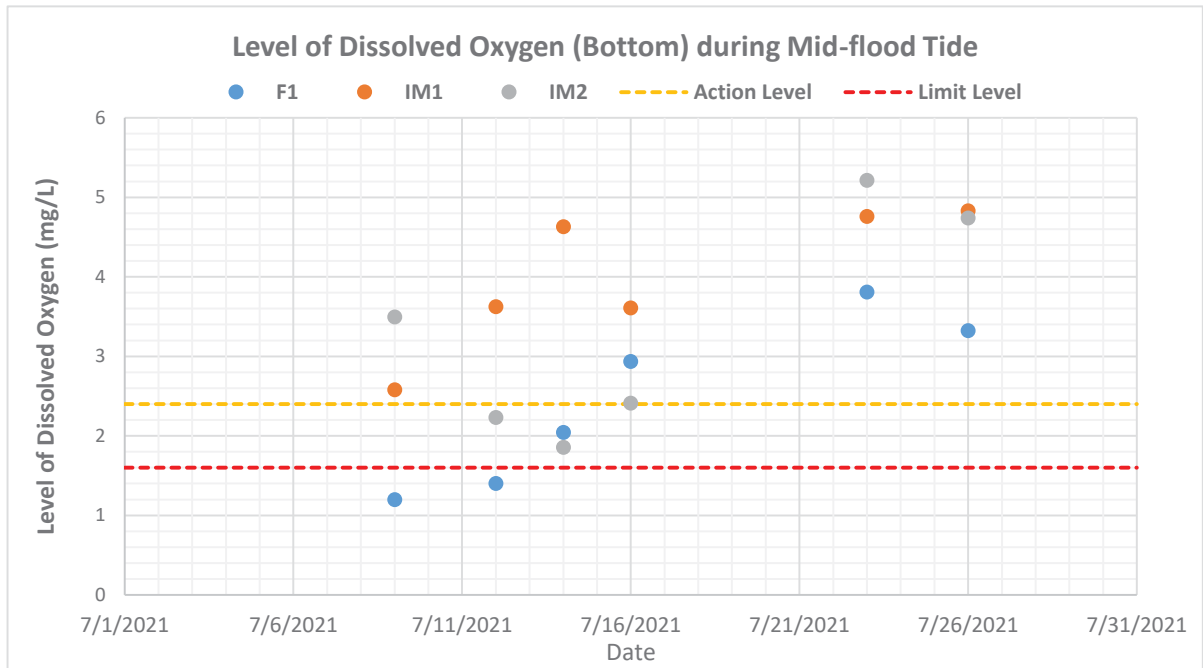


Figure G2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides in July 2021.

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\08 Impact WQ

Date: 06/08/21

**Environmental
Resources
Management**



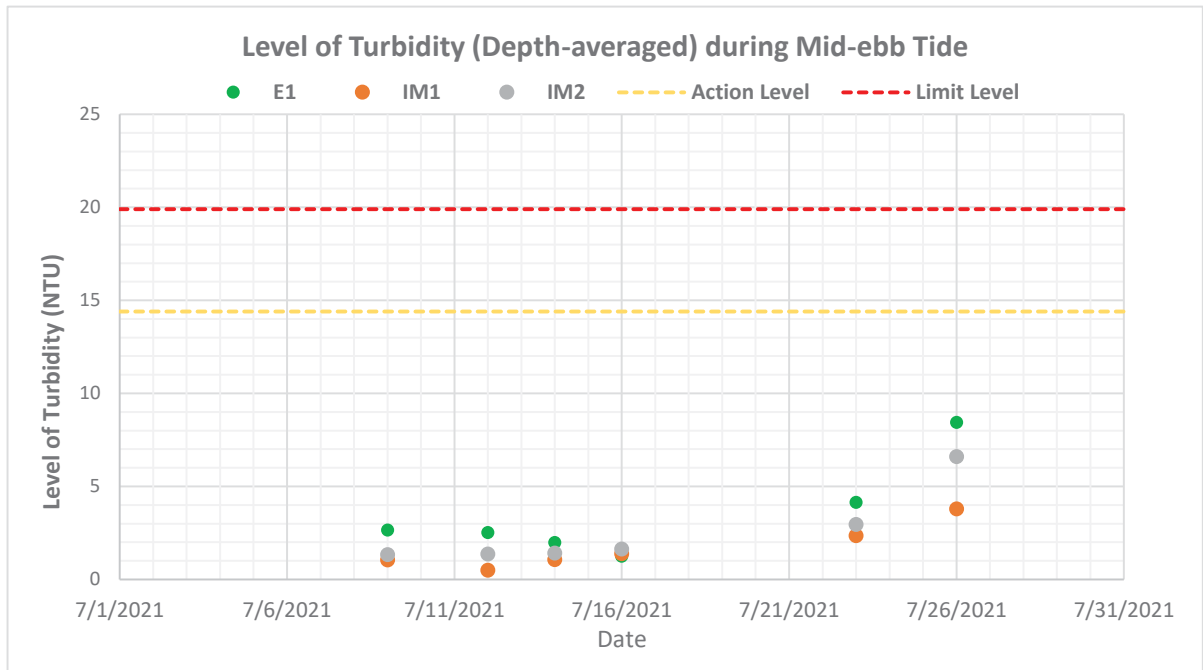


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides in July 2021.

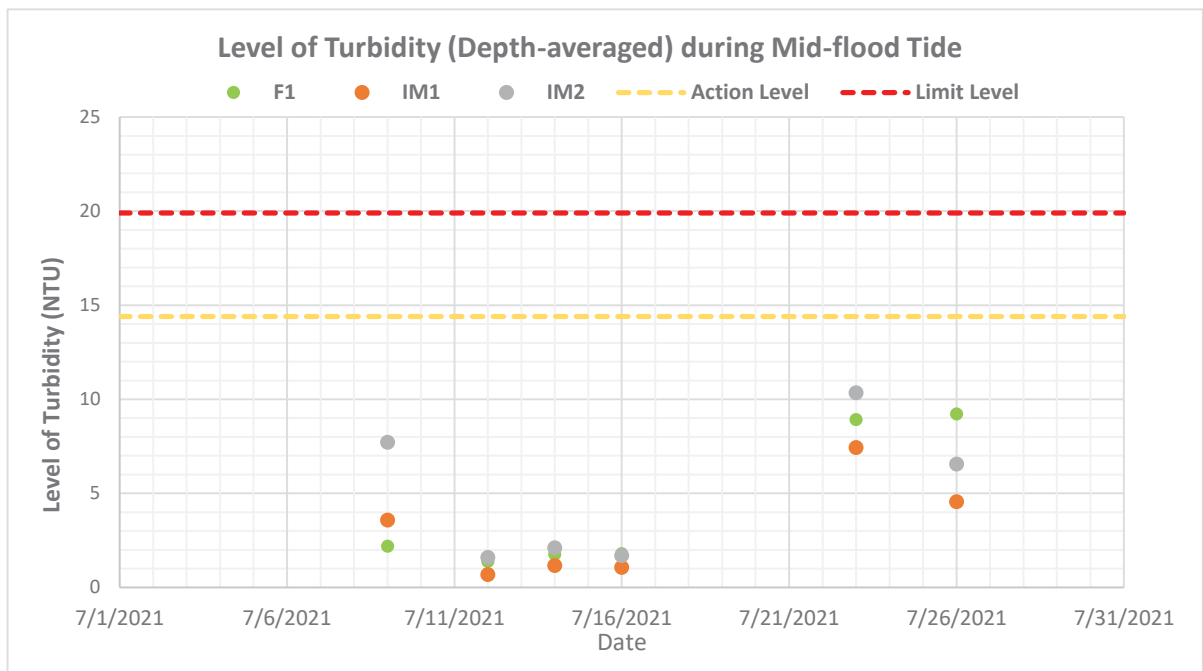


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides in July 2021.

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\08 Impact WQ

Date: 06/08/21

**Environmental
Resources
Management**



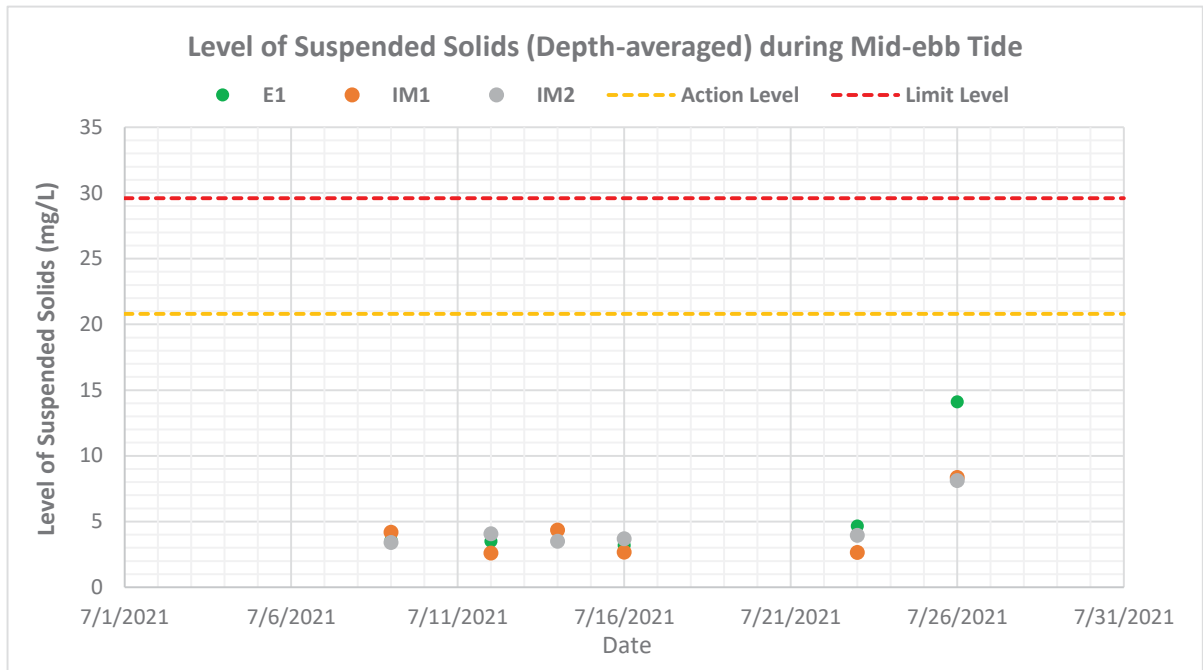


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides in July 2021.

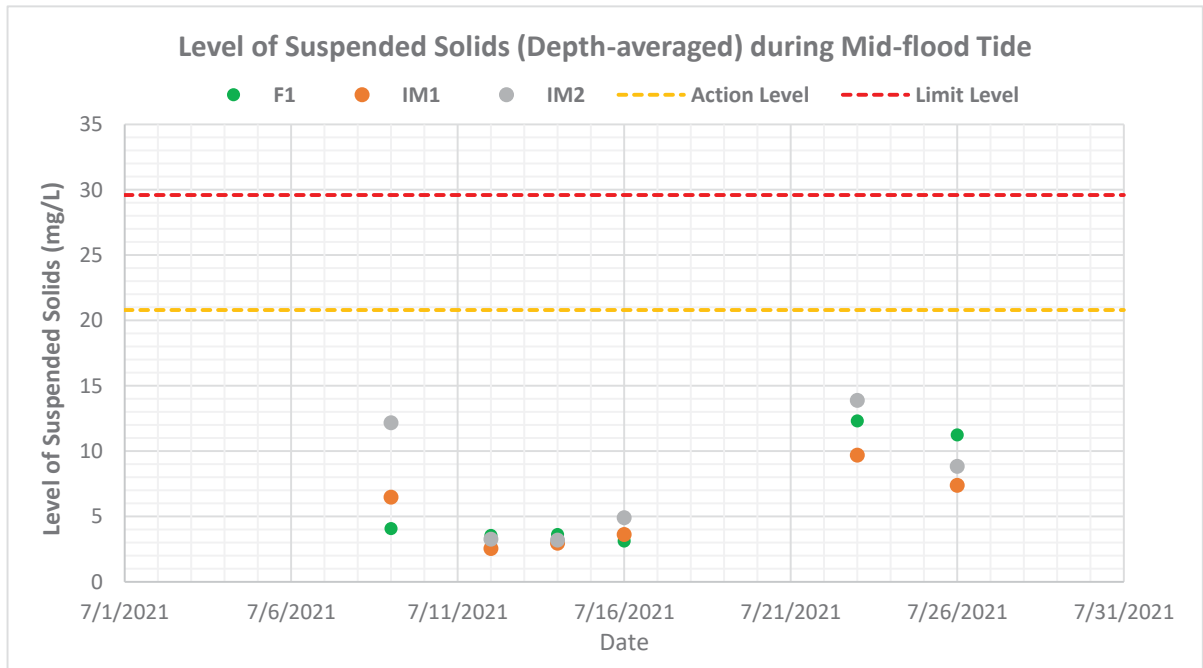


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides in July 2021.

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\08 Impact WQ

Date: 06/08/21

**Environmental
Resources
Management**

