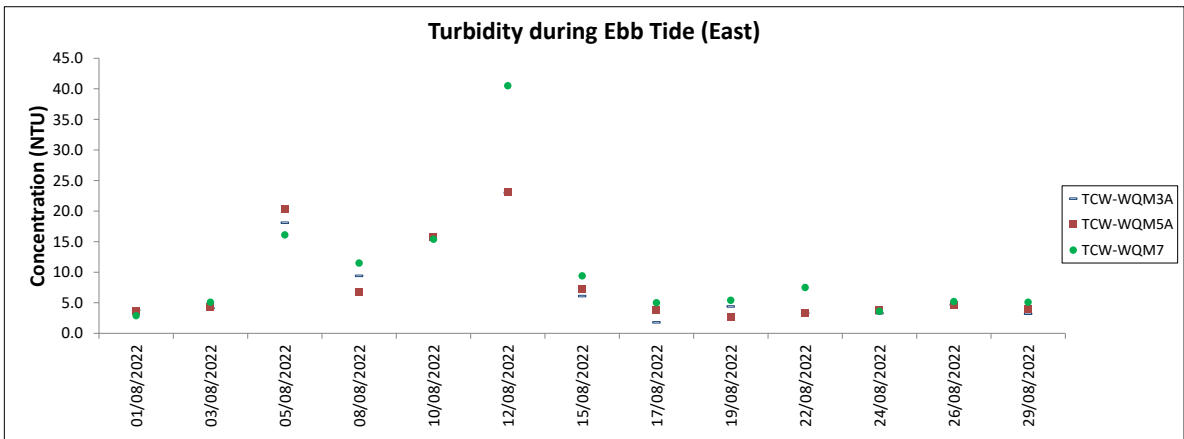
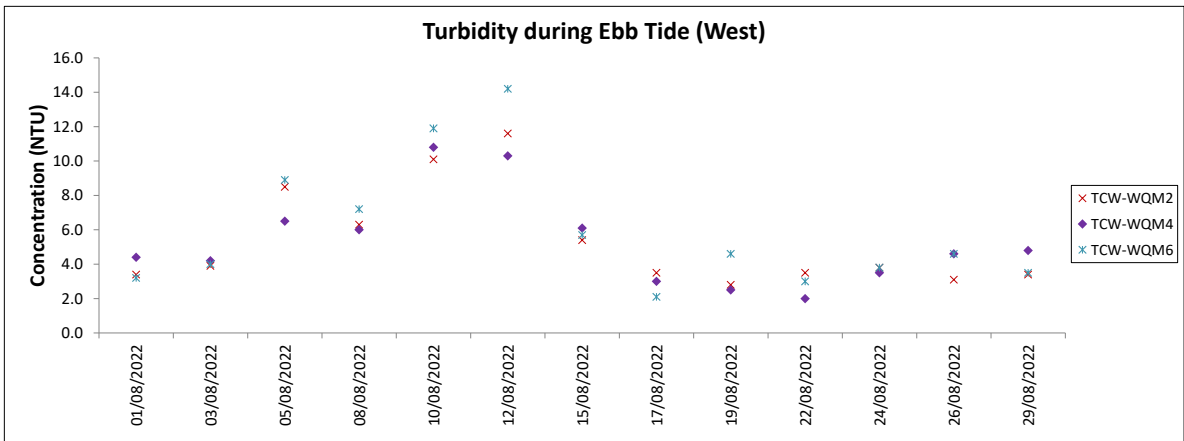
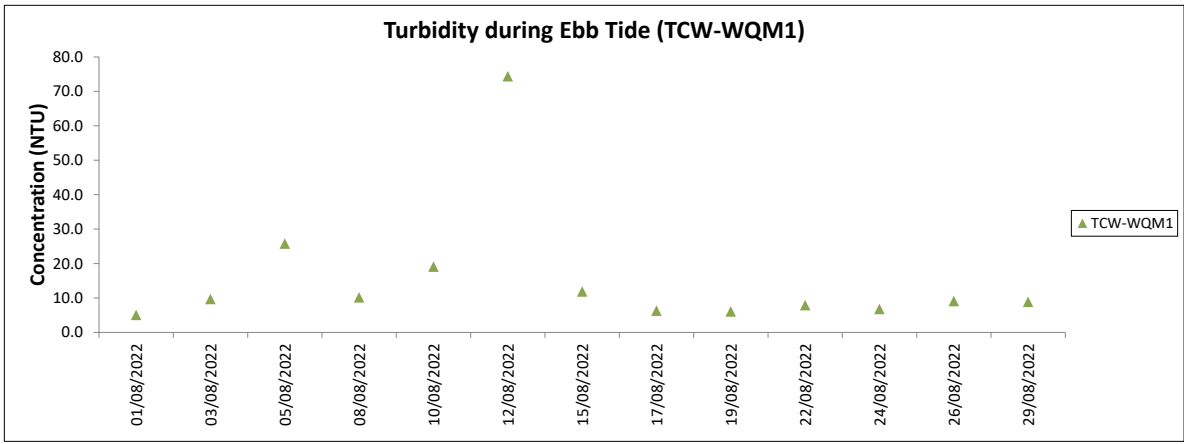
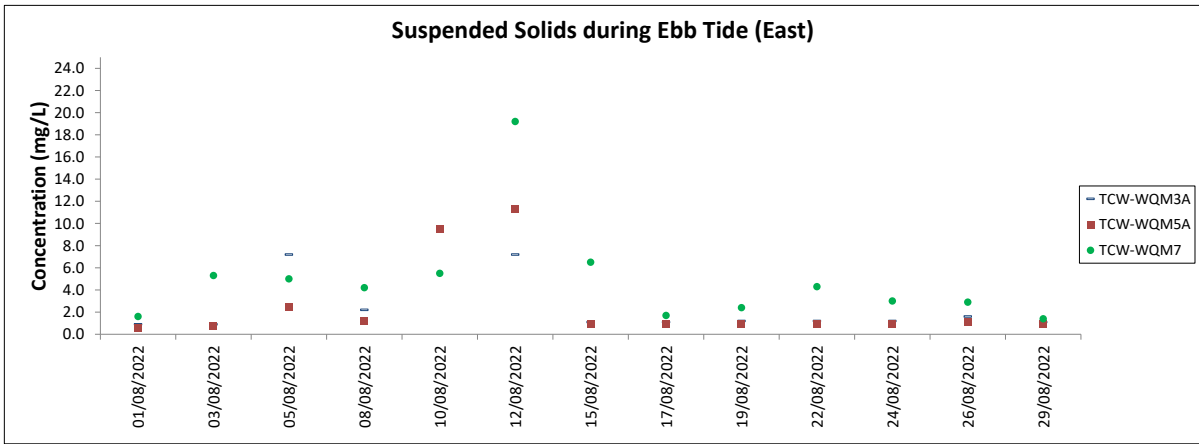
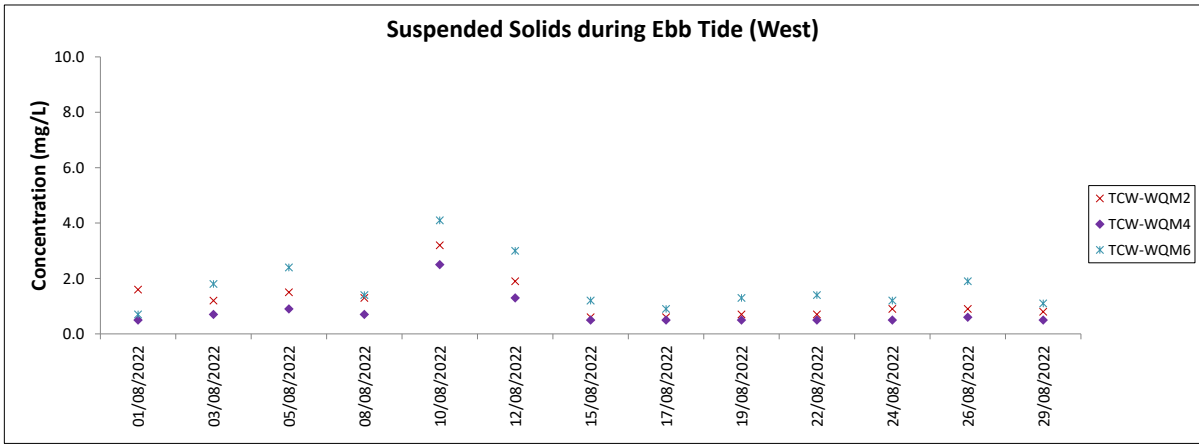
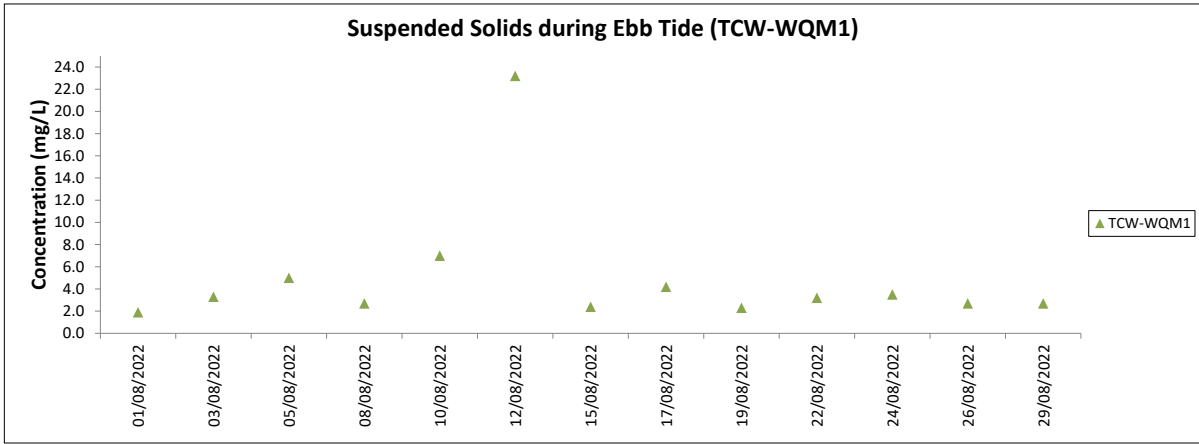


Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
 Weather conditions during monitoring are presented in the data tables above.
 QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.
 Due to the safety concern on the adverse weather, the water quality monitoring at monitoring station TCW-WQM3A as scheduled on 10 Aug 2022 was cancelled.



Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
 Weather conditions during monitoring are presented in the data tables above.
 QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.
 Due to the safety concern on the adverse weather, the water quality monitoring at monitoring station TCW-WQM3A as scheduled on 10 Aug 2022 was cancelled.



Note: The Action and Limit Level of suspended solids can be referred to Table 4.3 of the monthly EM&A report.
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
 Weather conditions during monitoring are presented in the data tables above.
 QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.
 Due to the safety concern on the adverse weather, the water quality monitoring at monitoring station TCW-WQM3A as scheduled on 10 Aug 2022 was cancelled.

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 01 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Sunny | Rough | 14:55 | 1st | 31.7 | 31.7 | 7.7 | 7.7 | 10.30 | 10.28 | 17500 | 17450 | 94.3 | 94.0 | 6.6 | 6.6 | 5.1 | 5.1 | 1.8 | 1.9 |
| | | | | 2nd | 31.7 | | 7.7 | | 10.25 | | 17400 | | 93.6 | | 6.5 | | 5.1 | | 1.9 | |
| TCW-WQM2 | Sunny | NA | 13:19 | 1st | 29.4 | 29.4 | 6.3 | 6.3 | 0.02 | 0.02 | 36 | 36 | 65.0 | 62.7 | 5.0 | 4.8 | 3.3 | 3.4 | 1.5 | 1.6 |
| | | | | 2nd | 29.4 | | 6.3 | | 0.02 | | 36 | | 60.3 | | 4.6 | | 3.5 | | 1.7 | |
| TCW-WQM3A | Sunny | NA | 12:51 | 1st | 29.4 | 29.4 | 6.6 | 6.6 | 0.02 | 0.02 | 56 | 56 | 77.3 | 76.7 | 5.9 | 5.9 | 3.8 | 3.8 | 0.9 | 0.9 |
| | | | | 2nd | 29.4 | | 6.6 | | 0.02 | | 56 | | 76.0 | | 5.8 | | 3.7 | | 0.9 | |
| TCW-WQM4 | Sunny | NA | 12:01 | 1st | 28.1 | 28.1 | 6.2 | 6.2 | 0.02 | 0.02 | 47 | 47 | 48.6 | 47.7 | 3.8 | 3.8 | 4.3 | 4.4 | <0.5 | <0.5 |
| | | | | 2nd | 28.1 | | 6.2 | | 0.02 | | 46 | | 46.7 | | 3.7 | | 4.5 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 12:24 | 1st | 29.0 | 29.0 | 6.7 | 6.7 | 0.02 | 0.02 | 38 | 38 | 83.9 | 83.8 | 6.5 | 6.5 | 3.6 | 3.7 | 0.6 | 0.6 |
| | | | | 2nd | 29.0 | | 6.7 | | 0.02 | | 38 | | 83.7 | | 6.4 | | 3.7 | | 0.6 | |
| TCW-WQM6 | Sunny | NA | 13:44 | 1st | 28.9 | 28.9 | 5.9 | 5.9 | 0.02 | 0.02 | 49 | 49 | 56.4 | 55.9 | 4.4 | 4.4 | 3.2 | 3.2 | 0.6 | 0.7 |
| | | | | 2nd | 28.9 | | 5.8 | | 0.02 | | 49 | | 55.3 | | 4.3 | | 3.2 | | 0.8 | |
| TCW-WQM7 | Sunny | NA | 14:02 | 1st | 35.9 | 35.9 | 9.1 | 9.1 | 0.03 | 0.03 | 76 | 76 | 101.6 | 102.4 | 7.0 | 7.1 | 2.9 | 2.9 | 1.5 | 1.6 |
| | | | | 2nd | 35.9 | | 9.1 | | 0.03 | | 76 | | 103.1 | | 7.1 | | 2.8 | | 1.7 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 03 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Cloudy | Rough | 15:59 | 1st | 30.2 | 30.2 | 8.1 | 8.0 | 18.30 | 18.29 | 29600 | 29600 | 109.0 | 109.7 | 7.5 | 7.5 | 9.5 | 9.7 | 3.5 | 3.3 |
| | | | | 2nd | 30.3 | | 8.0 | | 18.27 | | 29600 | | 110.4 | | 7.5 | | 9.8 | | 3.1 | |
| TCW-WQM2 | Cloudy | NA | 13:27 | 1st | 28.0 | 28.0 | 6.7 | 6.7 | 0.01 | 0.01 | 34 | 34 | 68.7 | 69.5 | 5.4 | 5.5 | 3.9 | 3.9 | 1.2 | 1.2 |
| | | | | 2nd | 28.1 | | 6.7 | | 0.01 | | 34 | | 70.3 | | 5.5 | | 3.9 | | 1.2 | |
| TCW-WQM3A | Cloudy | NA | 13:02 | 1st | 27.9 | 27.9 | 7.0 | 7.0 | 0.02 | 0.02 | 54 | 54 | 80.2 | 80.3 | 6.3 | 6.3 | 4.2 | 4.1 | 0.9 | 0.9 |
| | | | | 2nd | 27.9 | | 7.0 | | 0.02 | | 54 | | 80.4 | | 6.3 | | 4.0 | | 0.9 | |
| TCW-WQM4 | Cloudy | NA | 11:59 | 1st | 27.7 | 27.7 | 5.8 | 5.8 | 0.02 | 0.02 | 47 | 47 | 52.8 | 50.8 | 4.2 | 4.0 | 3.9 | 4.2 | 0.6 | 0.7 |
| | | | | 2nd | 27.7 | | 5.8 | | 0.02 | | 47 | | 48.8 | | 3.8 | | 4.4 | | 0.7 | |
| TCW-WQM5A | Cloudy | NA | 12:26 | 1st | 27.7 | 27.7 | 7.1 | 7.1 | 0.02 | 0.02 | 38 | 38 | 84.4 | 83.9 | 6.7 | 6.7 | 4.2 | 4.3 | 0.6 | 0.7 |
| | | | | 2nd | 27.7 | | 7.1 | | 0.02 | | 38 | | 83.3 | | 6.6 | | 4.4 | | 0.8 | |
| TCW-WQM6 | Cloudy | NA | 14:04 | 1st | 27.6 | 27.6 | 6.4 | 6.4 | 0.02 | 0.02 | 48 | 48 | 52.9 | 54.7 | 4.2 | 4.4 | 4.0 | 4.0 | 1.8 | 1.8 |
| | | | | 2nd | 27.6 | | 6.4 | | 0.02 | | 48 | | 56.5 | | 4.5 | | 3.9 | | 1.8 | |
| TCW-WQM7 | Cloudy | NA | 14:33 | 1st | 30.6 | 30.6 | 9.7 | 9.7 | 0.03 | 0.03 | 72 | 72 | 85.9 | 86.8 | 6.4 | 6.5 | 5.2 | 5.1 | 5.2 | 5.3 |
| | | | | 2nd | 30.6 | | 9.7 | | 0.03 | | 72 | | 87.6 | | 6.6 | | 5.0 | | 5.3 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 05 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|-------------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Rainy | Rough | 16:29 | 1st | 26.6 | 26.6 | 7.0 | 7.0 | 0.15 | 0.15 | 319 | 314 | 70.3 | 71.8 | 5.6 | 5.8 | 25.9 | <u>25.8</u> | 4.8 | 5.0 |
| | | | | 2nd | 26.6 | | 7.0 | | 0.15 | | 309 | | 73.2 | | 5.9 | | 25.6 | | 5.1 | |
| TCW-WQM2 | Rainy | NA | 14:55 | 1st | 26.2 | 26.2 | 6.6 | 6.6 | 0.02 | 0.02 | 40 | 40 | 77.9 | 78.1 | 6.3 | 6.3 | 8.6 | <u>8.5</u> | 1.6 | 1.5 |
| | | | | 2nd | 26.2 | | 6.6 | | 0.02 | | 40 | | 78.2 | | 6.3 | | 8.3 | | 1.4 | |
| TCW-WQM3A | Rainy | NA | 14:03 | 1st | 26.6 | 26.6 | 6.8 | 6.7 | 0.03 | 0.03 | 66 | 66 | 80.3 | 80.9 | 6.5 | 6.6 | 18.0 | 18.1 | 7.2 | 7.2 |
| | | | | 2nd | 26.6 | | 6.7 | | 0.03 | | 66 | | 81.5 | | 6.6 | | 18.1 | | 7.2 | |
| TCW-WQM4 | Rainy | NA | 12:37 | 1st | 27.1 | 27.0 | 6.1 | 6.1 | 0.04 | 0.04 | 95 | 93 | 57.0 | 55.7 | 4.5 | 4.4 | 6.4 | 6.5 | 0.9 | 0.9 |
| | | | | 2nd | 27.0 | | 6.0 | | 0.04 | | 90 | | 54.3 | | 4.3 | | 6.5 | | 0.9 | |
| TCW-WQM5A | Rainy | NA | 13:28 | 1st | 26.5 | 26.4 | 6.6 | 6.5 | 0.01 | 0.01 | 34 | 34 | 72.1 | 71.4 | 5.8 | 5.8 | 20.3 | 20.3 | 2.6 | 2.5 |
| | | | | 2nd | 26.4 | | 6.5 | | 0.01 | | 34 | | 70.6 | | 5.7 | | 20.3 | | 2.4 | |
| TCW-WQM6 | Rainy | NA | 15:34 | 1st | 26.2 | 26.2 | 6.5 | 6.5 | 0.02 | 0.02 | 49 | 49 | 77.3 | 77.4 | 6.3 | 6.3 | 8.9 | <u>8.9</u> | 2.3 | 2.4 |
| | | | | 2nd | 26.2 | | 6.5 | | 0.02 | | 49 | | 77.4 | | 6.3 | | 8.8 | | 2.4 | |
| TCW-WQM7 | Rainy | NA | 15:50 | 1st | 26.8 | 26.8 | 7.6 | 7.6 | 0.04 | 0.04 | 85 | 85 | 90.2 | 90.4 | 7.2 | 7.2 | 16.1 | 16.1 | 4.8 | 5.0 |
| | | | | 2nd | 26.8 | | 7.6 | | 0.04 | | 85 | | 90.5 | | 7.2 | | 16.1 | | 5.1 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 08 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|-------------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Rainy | Rough | 09:41 | 1st | 27.9 | 27.9 | 7.4 | 7.4 | 21.52 | 21.54 | 34300 | 34300 | 54.2 | 53.1 | 3.8 | 3.7 | 10.3 | 10.2 | 2.5 | 2.7 |
| | | | | 2nd | 27.9 | | 7.4 | | 21.55 | | 34300 | | 51.9 | | 3.6 | | 10.1 | | 2.8 | |
| TCW-WQM2 | Rainy | NA | 11:05 | 1st | 26.7 | 26.7 | 6.8 | 6.8 | 0.01 | 0.01 | 35 | 35 | 69.3 | 71.9 | 5.6 | 5.8 | 6.4 | 6.3 | 1.2 | 1.3 |
| | | | | 2nd | 26.7 | | 6.8 | | 0.01 | | 35 | | 74.4 | | 6.0 | | 6.1 | | 1.3 | |
| TCW-WQM3A | Rainy | NA | 11:25 | 1st | 26.8 | 26.8 | 7.0 | 7.0 | 0.03 | 0.03 | 58 | 58 | 80.8 | 81.3 | 6.5 | 6.5 | 9.6 | 9.4 | 2.1 | 2.2 |
| | | | | 2nd | 26.8 | | 7.0 | | 0.03 | | 58 | | 81.8 | | 6.5 | | 9.1 | | 2.3 | |
| TCW-WQM4 | Cloudy | NA | 12:05 | 1st | 26.9 | 26.8 | 6.3 | 6.3 | 0.02 | 0.02 | 41 | 41 | 44.9 | 49.6 | 3.6 | 4.0 | 6.2 | 6.0 | 0.6 | 0.7 |
| | | | | 2nd | 26.8 | | 6.3 | | 0.02 | | 40 | | 54.2 | | 4.3 | | 5.8 | | 0.8 | |
| TCW-WQM5A | Rainy | NA | 12:36 | 1st | 26.9 | 26.9 | 7.0 | 7.0 | 0.02 | 0.02 | 37 | 37 | 84.2 | 84.6 | 6.7 | 6.8 | 6.8 | 6.8 | 1.1 | 1.2 |
| | | | | 2nd | 26.9 | | 7.0 | | 0.02 | | 37 | | 84.9 | | 6.8 | | 6.8 | | 1.2 | |
| TCW-WQM6 | Rainy | NA | 10:12 | 1st | 26.5 | 26.5 | 6.7 | 6.7 | 0.02 | 0.02 | 54 | 52 | 65.0 | 66.7 | 5.2 | 5.4 | 7.5 | 7.2 | 1.4 | 1.4 |
| | | | | 2nd | 26.5 | | 6.7 | | 0.02 | | 50 | | 68.4 | | 5.5 | | 6.9 | | 1.4 | |
| TCW-WQM7 | Rainy | NA | 10:32 | 1st | 27.1 | 27.1 | 8.3 | 8.3 | 0.04 | 0.04 | 85 | 86 | 95.4 | 95.1 | 7.6 | 7.6 | 11.1 | <u>11.5</u> | 4.1 | 4.2 |
| | | | | 2nd | 27.2 | | 8.3 | | 0.04 | | 86 | | 94.7 | | 7.5 | | 11.8 | | 4.3 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 10 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Rainy | Rough | 11:26 | 1st | 26.1 | 26.1 | 6.8 | 6.8 | 0.27 | 0.27 | 570 | 564 | 81.7 | 81.7 | 6.6 | 6.6 | 19.6 | 19.1 | 6.8 | 7.0 |
| | | | | 2nd | 26.1 | | 6.9 | | 0.27 | | 557 | | 81.6 | | 6.6 | | 18.6 | | 7.1 | |
| TCW-WQM2 | Cloudy | NA | 09:49 | 1st | 25.5 | 25.5 | 6.9 | 6.9 | 0.02 | 0.02 | 37 | 37 | 82.5 | 82.2 | 6.8 | 6.8 | 10.1 | 10.1 | 3.1 | 3.2 |
| | | | | 2nd | 25.5 | | 6.8 | | 0.02 | | 37 | | 81.9 | | 6.7 | | 10.1 | | 3.2 | |
| TCW-WQM3A* | | | | | | | | | | | | | | | | | | | | |
| TCW-WQM4 | Cloudy | NA | 08:57 | 1st | 25.4 | 25.3 | 6.2 | 6.2 | 0.01 | 0.01 | 30 | 30 | 72.4 | 74.0 | 5.9 | 6.1 | 11.0 | 10.8 | 2.4 | 2.5 |
| | | | | 2nd | 25.3 | | 6.2 | | 0.01 | | 30 | | 75.6 | | 6.2 | | 10.6 | | 2.5 | |
| TCW-WQM5A | Cloudy | NA | 09:24 | 1st | 26.1 | 26.1 | 7.0 | 7.0 | 0.04 | 0.04 | 96 | 95 | 74.9 | 75.3 | 6.1 | 6.1 | 16.1 | 15.8 | 9.6 | 9.5 |
| | | | | 2nd | 26.1 | | 7.0 | | 0.04 | | 94 | | 75.6 | | 6.1 | | 15.5 | | 9.3 | |
| TCW-WQM6 | Cloudy | NA | 10:10 | 1st | 25.6 | 25.6 | 6.3 | 6.3 | 0.02 | 0.02 | 41 | 41 | 78.1 | 78.4 | 6.4 | 6.4 | 11.9 | 11.9 | 3.9 | 4.1 |
| | | | | 2nd | 25.6 | | 6.3 | | 0.02 | | 41 | | 78.7 | | 6.4 | | 11.8 | | 4.2 | |
| TCW-WQM7 | Cloudy | NA | 10:27 | 1st | 26.3 | 26.3 | 7.0 | 7.0 | 0.04 | 0.04 | 93 | 93 | 75.3 | 76.1 | 6.1 | 6.2 | 15.4 | 15.4 | 5.6 | 5.5 |
| | | | | 2nd | 26.4 | | 7.0 | | 0.04 | | 93 | | 76.9 | | 6.2 | | 15.4 | | 5.4 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

*Due to the safety concern on the adverse weather, the water quality monitoring at monitoring station TCW-WQM3A as scheduled on 10 Aug 2022 was cancelled.

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 12 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|--------------------|-------------------------|--------------------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Rainy | Rough | 12:50 | 1st | 25.2 | 25.2 | 6.9 | 6.9 | 0.19 | 0.19 | 396 | 401 | 82.0 | 82.2 | 6.7 | 6.8 | 74.2 | <u>74.4</u> | 23.0 | <u>23.2</u> |
| | | | | 2nd | 25.2 | | 6.9 | | 0.19 | | 406 | | 82.3 | | 6.8 | | 74.5 | | 23.4 | |
| TCW-WQM2 | Rainy | NA | 11:14 | 1st | 24.9 | 24.9 | 6.9 | 6.8 | 0.02 | 0.02 | 37 | 37 | 80.9 | 80.4 | 6.7 | 6.7 | 11.7 | 11.6 | 1.9 | 1.9 |
| | | | | 2nd | 24.9 | | 6.8 | | 0.02 | | 37 | | 79.8 | | 6.6 | | 11.5 | | 1.9 | |
| TCW-WQM3A | Rainy | NA | 10:53 | 1st | 25.2 | 25.2 | 6.6 | 6.6 | 0.02 | 0.02 | 42 | 42 | 80.2 | 79.9 | 6.6 | 6.6 | 22.8 | 23.0 | 7.4 | 7.2 |
| | | | | 2nd | 25.2 | | 6.6 | | 0.02 | | 42 | | 79.6 | | 6.6 | | 23.1 | | 6.9 | |
| TCW-WQM4 | Rainy | NA | 10:05 | 1st | 25.9 | 25.9 | 6.5 | 6.5 | 0.02 | 0.02 | 40 | 40 | 74.3 | 74.1 | 6.0 | 6.0 | 10.3 | 10.3 | 1.4 | 1.3 |
| | | | | 2nd | 25.9 | | 6.5 | | 0.02 | | 40 | | 73.8 | | 6.0 | | 10.3 | | 1.2 | |
| TCW-WQM5A | Rainy | NA | 10:28 | 1st | 25.6 | 25.6 | 6.7 | 6.7 | 0.04 | 0.04 | 86 | 86 | 78.9 | 78.5 | 6.5 | 6.5 | 23.2 | 23.1 | 11.4 | 11.3 |
| | | | | 2nd | 25.6 | | 6.7 | | 0.04 | | 86 | | 78.1 | | 6.4 | | 23.0 | | 11.1 | |
| TCW-WQM6 | Rainy | NA | 11:46 | 1st | 25.0 | 25.0 | 6.4 | 6.4 | 0.02 | 0.02 | 41 | 41 | 84.2 | 84.0 | 7.0 | 7.0 | 14.1 | <u>14.2</u> | 2.8 | 3.0 |
| | | | | 2nd | 25.0 | | 6.4 | | 0.02 | | 41 | | 83.8 | | 6.9 | | 14.2 | | 3.1 | |
| TCW-WQM7 | Rainy | NA | 12:01 | 1st | 25.4 | 25.4 | 6.9 | 6.9 | 0.03 | 0.03 | 73 | 73 | 84.0 | 83.7 | 6.9 | 6.9 | 40.5 | <u>40.5</u> | 19.3 | <u>19.2</u> |
| | | | | 2nd | 25.4 | | 6.9 | | 0.03 | | 73 | | 83.4 | | 6.8 | | 40.4 | | 19.0 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 15 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Sunny | Rough | 15:04 | 1st | 29.8 | 29.8 | 7.7 | 7.7 | 18.96 | 18.97 | 30600 | 30600 | 86.4 | 80.8 | 5.9 | 5.5 | 11.3 | 11.9 | 2.2 | 2.4 |
| | | | | 2nd | 29.8 | | 7.7 | | 18.97 | | 30600 | | 75.2 | | 5.1 | | 12.4 | | 2.5 | |
| TCW-WQM2 | Sunny | NA | 13:00 | 1st | 27.4 | 27.3 | 6.8 | 6.8 | 0.02 | 0.02 | 38 | 38 | 58.5 | 56.1 | 4.6 | 4.4 | 5.5 | 5.4 | 0.6 | 0.6 |
| | | | | 2nd | 27.3 | | 6.8 | | 0.02 | | 37 | | 53.6 | | 4.2 | | 5.3 | | 0.6 | |
| TCW-WQM3A | Sunny | NA | 12:38 | 1st | 27.7 | 27.7 | 6.8 | 6.8 | 0.03 | 0.03 | 61 | 62 | 77.5 | 76.1 | 6.1 | 6.0 | 6.1 | 6.1 | 1.1 | 1.1 |
| | | | | 2nd | 27.6 | | 6.8 | | 0.03 | | 62 | | 74.7 | | 5.9 | | 6.0 | | 1.1 | |
| TCW-WQM4 | Sunny | NA | 11:47 | 1st | 26.3 | 26.3 | 5.6 | 5.6 | 0.01 | 0.01 | 34 | 34 | 47.0 | 46.9 | 3.8 | 3.8 | 6.1 | 6.1 | <0.5 | <0.5 |
| | | | | 2nd | 26.3 | | 5.6 | | 0.01 | | 34 | | 46.7 | | 3.8 | | 6.1 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 12:10 | 1st | 27.4 | 27.4 | 6.6 | 6.6 | 0.01 | 0.01 | 32 | 32 | 82.6 | 82.9 | 6.5 | 6.6 | 7.0 | 7.2 | 0.9 | 0.9 |
| | | | | 2nd | 27.4 | | 6.6 | | 0.01 | | 32 | | 83.2 | | 6.6 | | 7.4 | | 0.9 | |
| TCW-WQM6 | Sunny | NA | 13:33 | 1st | 27.2 | 27.2 | 6.6 | 6.6 | 0.02 | 0.02 | 41 | 41 | 72.0 | 72.1 | 5.7 | 5.7 | 5.8 | 5.7 | 1.1 | 1.2 |
| | | | | 2nd | 27.2 | | 6.6 | | 0.02 | | 41 | | 72.1 | | 5.7 | | 5.5 | | 1.2 | |
| TCW-WQM7 | Sunny | NA | 14:15 | 1st | 31.1 | 31.1 | 8.5 | 8.5 | 0.04 | 0.04 | 80 | 80 | 98.1 | 98.0 | 7.3 | 7.3 | 9.4 | 9.4 | 6.4 | 6.5 |
| | | | | 2nd | 31.1 | | 8.5 | | 0.04 | | 80 | | 97.8 | | 7.3 | | 9.3 | | 6.6 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 17 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Sunny | Rough | 16:02 | 1st | 32.0 | 32.0 | 8.1 | 8.1 | 20.19 | 20.18 | 32400 | 32400 | 141.3 | 139.8 | 9.3 | 9.2 | 6.1 | 6.3 | 4.0 | 4.2 |
| | | | | 2nd | 32.0 | | 8.1 | | 20.16 | | 32400 | | 138.3 | | 9.1 | | 6.4 | | 4.3 | |
| TCW-WQM2 | Sunny | NA | 13:51 | 1st | 28.5 | 28.5 | 6.8 | 6.8 | 0.01 | 0.01 | 33 | 33 | 72.5 | 72.0 | 5.6 | 5.6 | 3.5 | 3.5 | 0.6 | 0.6 |
| | | | | 2nd | 28.5 | | 6.7 | | 0.01 | | 33 | | 71.4 | | 5.5 | | 3.5 | | 0.6 | |
| TCW-WQM3A | Sunny | NA | 13:00 | 1st | 28.1 | 28.1 | 6.7 | 6.7 | 0.03 | 0.03 | 57 | 58 | 99.2 | 99.0 | 7.8 | 7.8 | 1.7 | 1.8 | 1.1 | 1.1 |
| | | | | 2nd | 28.1 | | 6.8 | | 0.03 | | 59 | | 98.7 | | 7.7 | | 1.9 | | 1.1 | |
| TCW-WQM4 | Sunny | NA | 12:03 | 1st | 27.0 | 26.9 | 5.5 | 5.5 | 0.02 | 0.02 | 37 | 37 | 52.3 | 53.4 | 4.2 | 4.3 | 3.0 | 3.0 | <0.5 | <0.5 |
| | | | | 2nd | 26.9 | | 5.5 | | 0.02 | | 37 | | 54.4 | | 4.3 | | 2.9 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 12:30 | 1st | 27.8 | 27.8 | 6.6 | 6.6 | 0.01 | 0.01 | 33 | 33 | 99.2 | 99.4 | 7.8 | 7.8 | 3.7 | 3.8 | 0.9 | 0.9 |
| | | | | 2nd | 27.8 | | 6.6 | | 0.01 | | 33 | | 99.5 | | 7.8 | | 3.8 | | 0.9 | |
| TCW-WQM6 | Sunny | NA | 14:39 | 1st | 28.2 | 28.2 | 6.6 | 6.6 | 0.02 | 0.02 | 42 | 42 | 93.5 | 94.2 | 7.3 | 7.4 | 2.0 | 2.1 | 0.8 | 0.9 |
| | | | | 2nd | 28.2 | | 6.5 | | 0.02 | | 42 | | 94.8 | | 7.4 | | 2.1 | | 0.9 | |
| TCW-WQM7 | Sunny | NA | 15:17 | 1st | 31.5 | 31.5 | 9.1 | 9.1 | 0.03 | 0.03 | 73 | 73 | 134.2 | 134.2 | 9.9 | 9.9 | 4.9 | 5.0 | 1.6 | 1.7 |
| | | | | 2nd | 31.5 | | 9.1 | | 0.03 | | 73 | | 134.1 | | 9.9 | | 5.1 | | 1.7 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 19 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Sunny | Rough | 16:24 | 1st | 28.5 | 28.5 | 7.0 | 7.0 | 0.89 | 0.89 | 1770 | 1770 | 93.8 | 93.1 | 7.2 | 7.2 | 6.1 | 6.1 | 2.2 | 2.3 |
| | | | | 2nd | 28.5 | | 6.9 | | 0.89 | | 1770 | | 92.3 | | 7.1 | | 6.1 | | 2.4 | |
| TCW-WQM2 | Sunny | NA | 14:50 | 1st | 27.6 | 27.6 | 6.9 | 6.8 | 0.02 | 0.02 | 40 | 40 | 72.8 | 70.6 | 5.7 | 5.6 | 2.9 | 2.8 | 0.7 | 0.7 |
| | | | | 2nd | 27.6 | | 6.8 | | 0.02 | | 40 | | 68.3 | | 5.4 | | 2.7 | | 0.6 | |
| TCW-WQM3A | Sunny | NA | 14:31 | 1st | 27.6 | 27.5 | 6.5 | 6.4 | 0.03 | 0.03 | 62 | 65 | 92.1 | 92.9 | 7.3 | 7.4 | 4.3 | 4.4 | 1.2 | 1.2 |
| | | | | 2nd | 27.5 | | 6.4 | | 0.03 | | 68 | | 93.6 | | 7.4 | | 4.4 | | 1.1 | |
| TCW-WQM4 | Sunny | NA | 13:26 | 1st | 27.3 | 27.2 | 5.7 | 5.6 | 0.02 | 0.02 | 54 | 54 | 47.1 | 47.1 | 3.7 | 3.7 | 2.5 | 2.5 | <0.5 | <0.5 |
| | | | | 2nd | 27.2 | | 5.6 | | 0.02 | | 54 | | 47.1 | | 3.7 | | 2.4 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 14:00 | 1st | 27.4 | 27.4 | 6.7 | 6.7 | 0.01 | 0.01 | 34 | 34 | 98.8 | 98.8 | 7.8 | 7.8 | 2.7 | 2.7 | 0.9 | 0.9 |
| | | | | 2nd | 27.4 | | 6.7 | | 0.01 | | 34 | | 98.8 | | 7.8 | | 2.6 | | 0.8 | |
| TCW-WQM6 | Sunny | NA | 15:11 | 1st | 27.4 | 27.4 | 6.4 | 6.4 | 0.02 | 0.02 | 42 | 42 | 88.7 | 90.4 | 7.0 | 7.2 | 4.6 | 4.6 | 1.2 | 1.3 |
| | | | | 2nd | 27.4 | | 6.4 | | 0.02 | | 42 | | 92.1 | | 7.3 | | 4.6 | | 1.4 | |
| TCW-WQM7 | Sunny | NA | 15:29 | 1st | 28.4 | 28.4 | 8.1 | 8.1 | 0.03 | 0.03 | 74 | 75 | 116.7 | 115.8 | 9.1 | 9.0 | 5.5 | 5.4 | 2.5 | 2.4 |
| | | | | 2nd | 28.4 | | 8.2 | | 0.03 | | 75 | | 114.9 | | 8.9 | | 5.3 | | 2.3 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 22 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Sunny | Rough | 09:35 | 1st | 28.5 | 28.5 | 6.7 | 6.7 | 2.00 | 2.01 | 3800 | 3805 | 75.3 | 75.2 | 5.8 | 5.8 | 7.8 | 7.9 | 3.0 | 3.2 |
| | | | | 2nd | 28.5 | | 6.7 | | 2.01 | | 3810 | | 75.0 | | 5.8 | | 8.0 | | 3.3 | |
| TCW-WQM2 | Sunny | NA | 10:30 | 1st | 26.9 | 26.9 | 6.7 | 6.7 | 0.02 | 0.02 | 48 | 49 | 68.6 | 68.7 | 5.5 | 5.4 | 3.6 | 3.5 | 0.7 | 0.7 |
| | | | | 2nd | 26.9 | | 6.7 | | 0.02 | | 49 | | 68.8 | | 5.3 | | 3.3 | | 0.7 | |
| TCW-WQM3A | Sunny | NA | 10:52 | 1st | 27.3 | 27.3 | 6.8 | 6.8 | 0.03 | 0.03 | 64 | 65 | 95.6 | 96.0 | 7.6 | 7.6 | 3.2 | 3.3 | 1.1 | 1.2 |
| | | | | 2nd | 27.3 | | 6.7 | | 0.03 | | 65 | | 96.4 | | 7.6 | | 3.3 | | 1.3 | |
| TCW-WQM4 | Sunny | NA | 11:25 | 1st | 26.9 | 26.9 | 6.0 | 6.0 | 0.02 | 0.02 | 38 | 38 | 48.4 | 47.7 | 3.9 | 3.9 | 2.0 | 2.0 | <0.5 | <0.5 |
| | | | | 2nd | 26.9 | | 5.9 | | 0.02 | | 38 | | 47.0 | | 3.8 | | 2.0 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 11:47 | 1st | 27.5 | 27.5 | 6.7 | 6.7 | 0.01 | 0.01 | 34 | 34 | 97.9 | 96.9 | 7.7 | 7.7 | 3.4 | 3.4 | 0.9 | 0.9 |
| | | | | 2nd | 27.5 | | 6.7 | | 0.01 | | 34 | | 95.9 | | 7.6 | | 3.4 | | 0.9 | |
| TCW-WQM6 | Sunny | NA | 09:09 | 1st | 26.2 | 26.2 | 6.3 | 6.3 | 0.02 | 0.02 | 46 | 46 | 93.7 | 94.4 | 7.6 | 7.7 | 3.1 | 3.0 | 1.4 | 1.4 |
| | | | | 2nd | 26.2 | | 6.2 | | 0.02 | | 46 | | 95.0 | | 7.7 | | 2.9 | | 1.4 | |
| TCW-WQM7 | Sunny | NA | 10:05 | 1st | 29.4 | 29.4 | 8.3 | 8.3 | 0.05 | 0.05 | 100 | 100 | 119.7 | 120.0 | 9.1 | 9.2 | 7.5 | 7.5 | 4.2 | 4.3 |
| | | | | 2nd | 29.4 | | 8.3 | | 0.05 | | 100 | | 120.3 | | 9.2 | | 7.5 | | 4.3 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 24 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Sunny | Rough | 11:03 | 1st | 29.3 | 29.4 | 7.1 | 7.0 | 5.34 | 5.51 | 9540 | 9820 | 99.1 | 99.4 | 7.4 | 7.4 | 6.7 | 6.8 | 3.4 | 3.5 |
| | | | | 2nd | 29.5 | | 7.0 | | 5.68 | | 10100 | | 99.6 | | 7.4 | | 6.8 | | 3.5 | |
| TCW-WQM2 | Sunny | NA | 08:50 | 1st | 26.8 | 26.8 | 6.6 | 6.6 | 0.01 | 0.01 | 33 | 33 | 81.4 | 80.4 | 6.5 | 6.4 | 3.8 | 3.8 | 0.9 | 0.9 |
| | | | | 2nd | 26.8 | | 6.6 | | 0.01 | | 33 | | 79.4 | | 6.3 | | 3.8 | | 0.9 | |
| TCW-WQM3A | Sunny | NA | 08:29 | 1st | 26.8 | 26.8 | 6.6 | 6.6 | 0.03 | 0.03 | 72 | 72 | 87.7 | 88.6 | 7.0 | 7.1 | 3.1 | 3.3 | 1.2 | 1.2 |
| | | | | 2nd | 26.8 | | 6.6 | | 0.03 | | 72 | | 89.4 | | 7.1 | | 3.4 | | 1.1 | |
| TCW-WQM4 | Sunny | NA | 07:40 | 1st | 27.4 | 27.3 | 5.5 | 5.5 | 0.02 | 0.02 | 38 | 38 | 47.7 | 49.0 | 3.8 | 3.9 | 3.6 | 3.5 | <0.5 | <0.5 |
| | | | | 2nd | 27.3 | | 5.5 | | 0.02 | | 38 | | 50.3 | | 4.0 | | 3.4 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 08:00 | 1st | 26.6 | 26.6 | 6.5 | 6.5 | 0.01 | 0.01 | 34 | 34 | 96.9 | 97.1 | 7.8 | 7.8 | 3.7 | 3.8 | 0.9 | 0.9 |
| | | | | 2nd | 26.6 | | 6.5 | | 0.01 | | 34 | | 97.2 | | 7.8 | | 3.8 | | 0.9 | |
| TCW-WQM6 | Sunny | NA | 09:22 | 1st | 26.8 | 26.8 | 6.5 | 6.5 | 0.02 | 0.02 | 45 | 45 | 89.9 | 89.3 | 7.2 | 7.2 | 3.7 | 3.8 | 1.1 | 1.2 |
| | | | | 2nd | 26.8 | | 6.4 | | 0.02 | | 45 | | 88.6 | | 7.1 | | 3.8 | | 1.2 | |
| TCW-WQM7 | Sunny | NA | 10:17 | 1st | 30.0 | 30.0 | 7.3 | 7.3 | 0.04 | 0.04 | 80 | 80 | 108.5 | 108.6 | 8.2 | 8.2 | 3.6 | 3.6 | 3.1 | 3.0 |
| | | | | 2nd | 30.0 | | 7.3 | | 0.04 | | 80 | | 108.7 | | 8.2 | | 3.5 | | 2.9 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 26 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Sunny | Rough | 12:16 | 1st | 28.4 | 28.4 | 7.6 | 7.6 | 16.37 | 16.39 | 26700 | 26750 | 77.9 | 78.5 | 5.5 | 5.6 | 9.0 | 9.1 | 2.5 | 2.7 |
| | | | | 2nd | 28.3 | | 7.6 | | 16.41 | | 26800 | | 79.1 | | 5.6 | | 9.2 | | 2.8 | |
| TCW-WQM2 | Sunny | NA | 10:16 | 1st | 26.0 | 26.0 | 6.7 | 6.7 | 0.02 | 0.02 | 37 | 38 | 96.8 | 97.3 | 7.9 | 7.9 | 3.3 | 3.1 | 0.9 | 0.9 |
| | | | | 2nd | 26.0 | | 6.7 | | 0.02 | | 38 | | 97.8 | | 7.9 | | 2.9 | | 0.8 | |
| TCW-WQM3A | Sunny | NA | 09:51 | 1st | 26.7 | 26.7 | 6.8 | 6.8 | 0.03 | 0.03 | 65 | 64 | 101.6 | 101.6 | 8.1 | 8.1 | 4.7 | 4.7 | 1.5 | 1.6 |
| | | | | 2nd | 26.8 | | 6.8 | | 0.03 | | 63 | | 101.6 | | 8.1 | | 4.6 | | 1.6 | |
| TCW-WQM4 | Sunny | NA | 09:00 | 1st | 26.6 | 26.5 | 5.9 | 5.9 | 0.02 | 0.02 | 47 | 47 | 57.4 | 57.3 | 4.6 | 4.6 | 4.5 | 4.6 | 0.6 | 0.6 |
| | | | | 2nd | 26.5 | | 5.9 | | 0.02 | | 46 | | 57.2 | | 4.6 | | 4.6 | | 0.6 | |
| TCW-WQM5A | Sunny | NA | 09:24 | 1st | 26.1 | 26.1 | 6.5 | 6.5 | 0.01 | 0.01 | 34 | 34 | 102.0 | 101.7 | 8.3 | 8.3 | 4.5 | 4.7 | 1.1 | 1.1 |
| | | | | 2nd | 26.1 | | 6.5 | | 0.01 | | 34 | | 101.4 | | 8.2 | | 4.9 | | 1.1 | |
| TCW-WQM6 | Sunny | NA | 10:50 | 1st | 26.1 | 26.1 | 6.1 | 6.1 | 0.02 | 0.02 | 45 | 45 | 101.1 | 100.7 | 8.2 | 8.2 | 4.6 | 4.6 | 1.8 | 1.9 |
| | | | | 2nd | 26.1 | | 6.1 | | 0.02 | | 45 | | 100.2 | | 8.1 | | 4.6 | | 1.9 | |
| TCW-WQM7 | Sunny | NA | 11:21 | 1st | 30.1 | 30.1 | 7.4 | 7.4 | 0.05 | 0.05 | 101 | 101 | 109.9 | 109.1 | 8.3 | 8.3 | 5.2 | 5.2 | 2.8 | 2.9 |
| | | | | 2nd | 30.2 | | 7.4 | | 0.05 | | 101 | | 108.3 | | 8.2 | | 5.2 | | 2.9 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 29 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Cloudy | Rough | 13:40 | 1st | 29.3 | 29.4 | 7.1 | 7.0 | 10.51 | 10.48 | 17900 | 17850 | 88.3 | 87.5 | 6.4 | 6.3 | 8.6 | 8.9 | 2.6 | 2.7 |
| | | | | 2nd | 29.4 | | 7.0 | | 10.45 | | 17800 | | 86.6 | | 6.2 | | 9.1 | | 2.8 | |
| TCW-WQM2 | Cloudy | NA | 11:07 | 1st | 26.9 | 26.9 | 6.8 | 6.7 | 0.01 | 0.01 | 34 | 34 | 90.0 | 85.5 | 7.2 | 6.9 | 3.3 | 3.4 | 0.7 | 0.8 |
| | | | | 2nd | 26.9 | | 6.7 | | 0.01 | | 34 | | 81.0 | | 6.5 | | 3.5 | | 0.8 | |
| TCW-WQM3A | Cloudy | NA | 10:35 | 1st | 26.8 | 26.9 | 6.8 | 6.8 | 0.03 | 0.03 | 60 | 61 | 101.3 | 100.9 | 8.1 | 8.1 | 3.2 | 3.2 | 1.1 | 1.1 |
| | | | | 2nd | 26.9 | | 6.8 | | 0.03 | | 61 | | 100.5 | | 8.0 | | 3.1 | | 1.1 | |
| TCW-WQM4 | Cloudy | NA | 09:40 | 1st | 27.5 | 27.4 | 5.9 | 5.9 | 0.03 | 0.03 | 65 | 65 | 53.9 | 53.7 | 4.3 | 4.3 | 4.8 | 4.8 | <0.5 | <0.5 |
| | | | | 2nd | 27.4 | | 5.9 | | 0.03 | | 65 | | 53.4 | | 4.2 | | 4.7 | | <0.5 | |
| TCW-WQM5A | Cloudy | NA | 10:02 | 1st | 26.6 | 26.6 | 7.0 | 7.0 | 0.01 | 0.01 | 35 | 35 | 103.8 | 103.5 | 8.3 | 8.3 | 4.0 | 4.0 | 0.8 | 0.9 |
| | | | | 2nd | 26.6 | | 6.9 | | 0.01 | | 35 | | 103.1 | | 8.3 | | 3.9 | | 0.9 | |
| TCW-WQM6 | Sunny | NA | 11:50 | 1st | 26.8 | 26.8 | 6.3 | 6.2 | 0.02 | 0.02 | 46 | 46 | 91.4 | 91.6 | 7.3 | 7.3 | 3.5 | 3.5 | 1.0 | 1.1 |
| | | | | 2nd | 26.8 | | 6.2 | | 0.02 | | 46 | | 91.7 | | 7.3 | | 3.5 | | 1.1 | |
| TCW-WQM7 | Sunny | NA | 12:31 | 1st | 30.4 | 30.4 | 7.8 | 7.8 | 0.04 | 0.04 | 80 | 80 | 107.1 | 106.9 | 8.0 | 8.0 | 5.2 | 5.1 | 1.4 | 1.4 |
| | | | | 2nd | 30.4 | | 7.8 | | 0.04 | | 80 | | 106.6 | | 8.0 | | 5.0 | | 1.3 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 31 August 2022 during Ebb Tide

| Monitoring Station | Weather Condition | Tidal Condition | Sampling Time | Replicate | Water Temperature (°C) | | pH | | Salinity (ppt) | | Conductivity (µS/cm) | | DO Saturation (%) | | Dissolved Oxygen (mg/L) | | Turbidity(NTU) | | Suspended Solids (mg/L) | |
|--------------------|-------------------|-----------------|---------------|-----------|------------------------|---------|-------|---------|----------------|---------|----------------------|---------|-------------------|---------|-------------------------|---------|----------------|---------|-------------------------|---------|
| | | | | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average |
| TCW-WQM1 | Cloudy | Rough | 15:03 | 1st | 30.4 | 30.4 | 7.6 | 7.6 | 13.54 | 13.58 | 22500 | 22550 | 113.3 | 108.2 | 7.9 | 7.6 | 14.2 | 14.7 | 4.3 | 4.3 |
| | | | | 2nd | 30.4 | | 7.5 | | 13.62 | | 22600 | | 103.0 | | 7.2 | | 15.2 | | 4.2 | |
| TCW-WQM2 | Rainy | NA | 13:15 | 1st | 27.4 | 27.4 | 6.8 | 6.8 | 0.01 | 0.01 | 34 | 34 | 81.0 | 82.8 | 6.4 | 6.6 | 4.0 | 3.9 | 0.9 | 0.9 |
| | | | | 2nd | 27.4 | | 6.8 | | 0.01 | | 34 | | 84.6 | | 6.7 | | 3.7 | | 0.8 | |
| TCW-WQM3A | Cloudy | NA | 12:43 | 1st | 27.4 | 27.4 | 6.8 | 6.8 | 0.03 | 0.03 | 62 | 62 | 104.2 | 104.6 | 8.3 | 8.3 | 4.9 | 4.9 | 1.4 | 1.4 |
| | | | | 2nd | 27.4 | | 6.8 | | 0.03 | | 61 | | 104.9 | | 8.3 | | 4.8 | | 1.3 | |
| TCW-WQM4 | Rainy | NA | 11:43 | 1st | 27.5 | 27.5 | 6.1 | 6.1 | 0.02 | 0.02 | 56 | 56 | 47.0 | 47.0 | 3.7 | 3.7 | 4.0 | 4.3 | <0.5 | <0.5 |
| | | | | 2nd | 27.5 | | 6.1 | | 0.02 | | 56 | | 46.9 | | 3.7 | | 4.6 | | <0.5 | |
| TCW-WQM5A | Cloudy | NA | 12:06 | 1st | 27.0 | 27.0 | 6.9 | 6.9 | 0.01 | 0.01 | 35 | 35 | 101.7 | 101.5 | 8.1 | 8.1 | 4.7 | 4.9 | 0.9 | 0.9 |
| | | | | 2nd | 27.0 | | 6.9 | | 0.01 | | 35 | | 101.2 | | 8.1 | | 5.1 | | 0.8 | |
| TCW-WQM6 | Sunny | NA | 13:41 | 1st | 27.3 | 27.3 | 6.5 | 6.5 | 0.02 | 0.02 | 46 | 46 | 74.0 | 76.4 | 5.9 | 6.1 | 4.4 | 4.7 | 1.3 | 1.3 |
| | | | | 2nd | 27.3 | | 6.5 | | 0.02 | | 46 | | 78.7 | | 6.2 | | 5.0 | | 1.2 | |
| TCW-WQM7 | Sunny | NA | 14:08 | 1st | 32.3 | 32.3 | 8.3 | 8.3 | 0.03 | 0.03 | 76 | 76 | 108.8 | 109.2 | 7.9 | 8.0 | 5.3 | 5.3 | 2.2 | 2.3 |
| | | | | 2nd | 32.3 | | 8.4 | | 0.03 | | 76 | | 109.6 | | 8.0 | | 5.2 | | 2.4 | |

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

NA: This monitoring location is not subject to tidal effect.

Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**