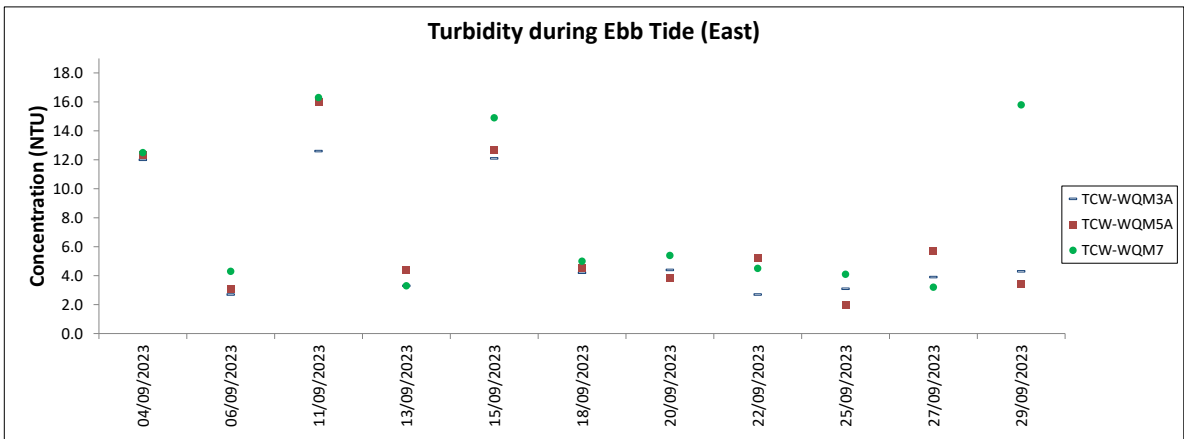
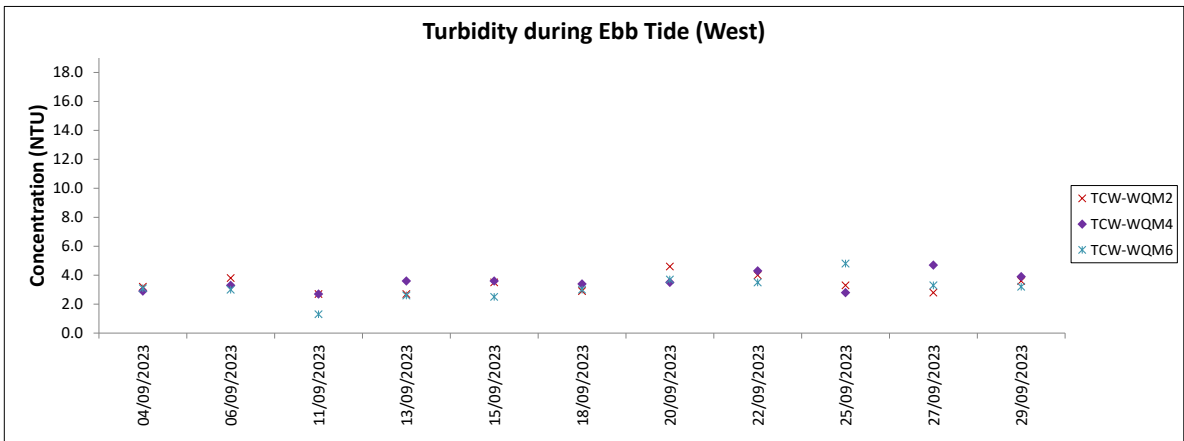
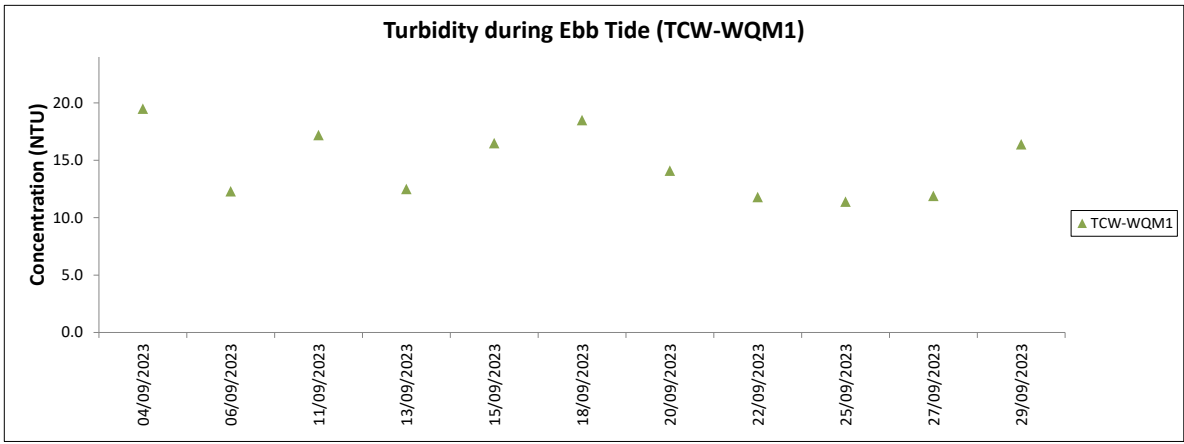
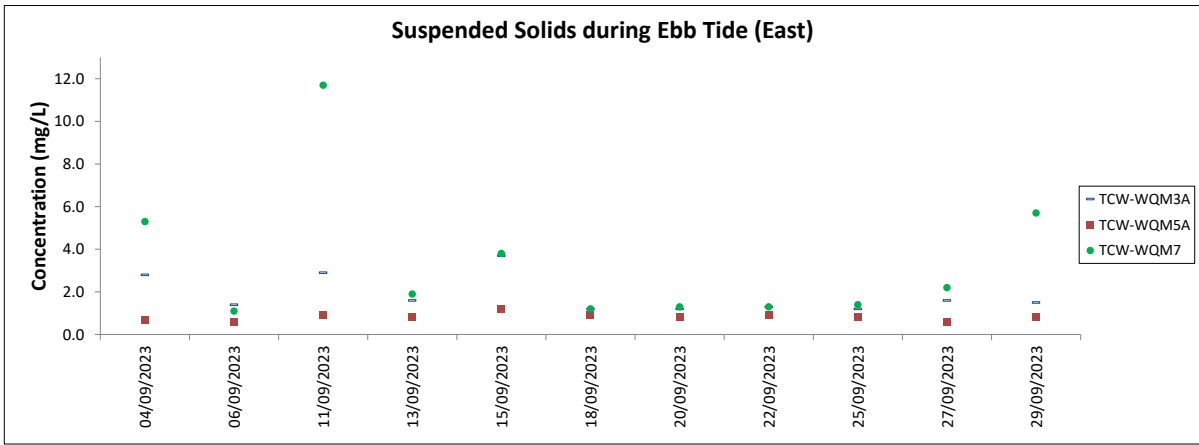
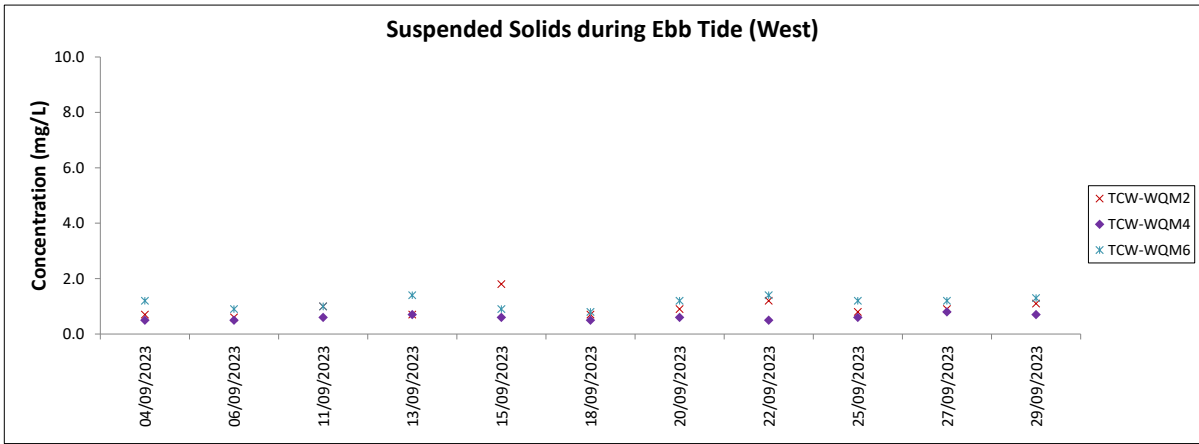
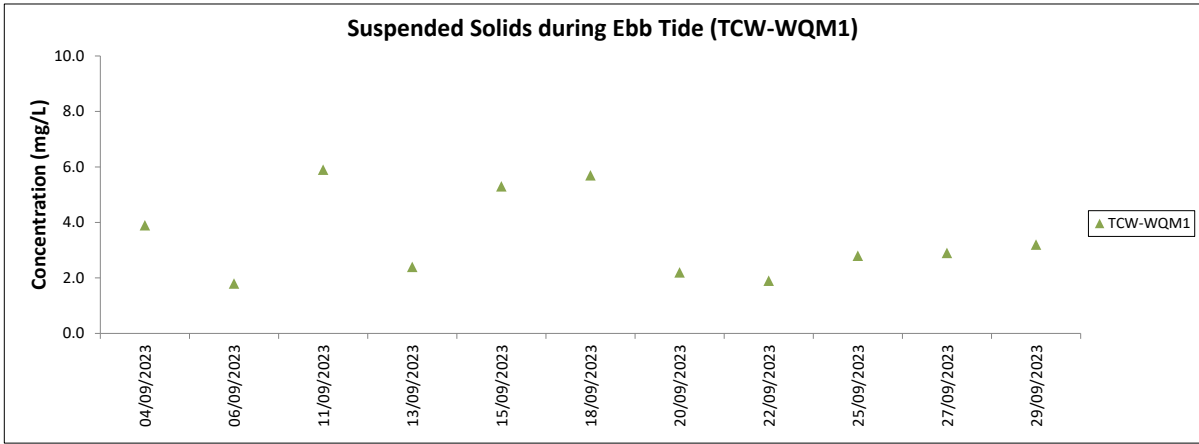


Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
 Weather conditions during monitoring are presented in the data tables above.
 QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.



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.



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.

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 04 September 2023 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 | 15:06 | 1st | 29.0 | 29.0 | 8.5 | 8.5 | 24.87 | 25.58 | 39100 | 40100 | 90.9 | 91.2 | 6.1 | 6.1 | 19.3 | 19.5 | 4.0 | 3.9 |
| | | | | 2nd | 29.0 | | 8.4 | | 26.28 | | 41100 | | 91.4 | | 6.1 | | 19.6 | | 3.8 | |
| TCW-WQM2 | Sunny | NA | 14:00 | 1st | 27.8 | 27.8 | 6.6 | 6.6 | 0.02 | 0.02 | 36 | 36 | 87.9 | 88.2 | 6.9 | 6.9 | 3.2 | 3.2 | 0.6 | 0.7 |
| | | | | 2nd | 27.8 | | 6.5 | | 0.02 | | 36 | | 88.4 | | 6.9 | | 3.2 | | 0.7 | |
| TCW-WQM3A | Sunny | NA | 13:29 | 1st | 27.6 | 27.6 | 7.8 | 7.8 | 0.03 | 0.03 | 67 | 67 | 98.1 | 97.9 | 7.7 | 7.7 | 12.1 | 12.0 | 2.6 | 2.8 |
| | | | | 2nd | 27.6 | | 7.8 | | 0.03 | | 67 | | 97.6 | | 7.7 | | 11.9 | | 2.9 | |
| TCW-WQM4 | Sunny | NA | 12:41 | 1st | 26.5 | 26.5 | 6.2 | 6.2 | 0.02 | 0.02 | 37 | 37 | 49.9 | 47.6 | 4.0 | 3.9 | 2.9 | 2.9 | <0.5 | <0.5 |
| | | | | 2nd | 26.5 | | 6.2 | | 0.02 | | 37 | | 45.3 | | 3.7 | | 2.9 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 13:04 | 1st | 27.2 | 27.2 | 7.3 | 7.3 | 0.01 | 0.01 | 35 | 35 | 96.8 | 93.9 | 7.7 | 7.5 | 12.6 | 12.3 | 0.6 | 0.7 |
| | | | | 2nd | 27.2 | | 7.3 | | 0.01 | | 35 | | 91.0 | | 7.2 | | 12.0 | | 0.8 | |
| TCW-WQM6 | Sunny | NA | 14:24 | 1st | 27.4 | 27.4 | 7.2 | 7.2 | 0.02 | 0.02 | 54 | 54 | 82.6 | 81.7 | 6.5 | 6.5 | 2.8 | 3.1 | 1.2 | 1.2 |
| | | | | 2nd | 27.4 | | 7.2 | | 0.02 | | 54 | | 80.7 | | 6.4 | | 3.3 | | 1.1 | |
| TCW-WQM7 | Sunny | NA | 14:38 | 1st | 29.2 | 29.2 | 9.5 | 9.6 | 0.04 | 0.04 | 93 | 94 | 101.2 | 101.0 | 7.8 | 7.8 | 12.4 | 12.5 | 5.4 | 5.3 |
| | | | | 2nd | 29.2 | | 9.6 | | 0.04 | | 94 | | 100.8 | | 7.7 | | 12.5 | | 5.2 | |

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 06 September 2023 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 | 07:45 | 1st | 27.3 | 27.2 | 8.0 | 8.0 | 17.80 | 17.44 | 28800 | 28300 | 35.6 | 35.9 | 2.6 | 2.6 | 12.9 | 12.3 | 1.8 | 1.8 |
| | | | | 2nd | 27.1 | | 8.0 | | 17.08 | | 27800 | | 36.2 | | 2.6 | | 11.7 | | 1.7 | |
| TCW-WQM2 | Sunny | NA | 08:50 | 1st | 26.0 | 26.0 | 6.7 | 6.7 | 0.02 | 0.02 | 36 | 36 | 77.7 | 76.1 | 6.3 | 6.2 | 3.8 | 3.8 | 0.6 | 0.6 |
| | | | | 2nd | 26.0 | | 6.7 | | 0.02 | | 36 | | 74.5 | | 6.1 | | 3.8 | | 0.5 | |
| TCW-WQM3A | Sunny | NA | 09:12 | 1st | 25.9 | 25.9 | 7.7 | 7.7 | 0.02 | 0.02 | 55 | 55 | 77.4 | 77.1 | 6.3 | 6.3 | 2.8 | 2.7 | 1.3 | 1.4 |
| | | | | 2nd | 25.9 | | 7.7 | | 0.02 | | 55 | | 76.7 | | 6.2 | | 2.5 | | 1.4 | |
| TCW-WQM4 | Sunny | NA | 09:45 | 1st | 26.0 | 26.0 | 6.3 | 6.3 | 0.02 | 0.02 | 38 | 38 | 44.4 | 45.5 | 3.6 | 3.7 | 3.4 | 3.3 | <0.5 | <0.5 |
| | | | | 2nd | 26.0 | | 6.3 | | 0.02 | | 38 | | 46.5 | | 3.8 | | 3.2 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 10:20 | 1st | 26.4 | 26.4 | 7.5 | 7.5 | 0.01 | 0.01 | 34 | 34 | 88.9 | 89.4 | 7.2 | 7.3 | 3.4 | 3.1 | 0.5 | 0.6 |
| | | | | 2nd | 26.4 | | 7.5 | | 0.01 | | 34 | | 89.9 | | 7.3 | | 2.8 | | 0.6 | |
| TCW-WQM6 | Sunny | NA | 08:24 | 1st | 25.9 | 25.9 | 6.8 | 6.8 | 0.02 | 0.02 | 53 | 53 | 72.3 | 71.8 | 5.9 | 5.9 | 3.1 | 3.0 | 0.9 | 0.9 |
| | | | | 2nd | 25.9 | | 6.8 | | 0.02 | | 53 | | 71.3 | | 5.8 | | 2.9 | | 0.9 | |
| TCW-WQM7 | Sunny | NA | 08:08 | 1st | 26.3 | 26.2 | 8.7 | 8.7 | 0.04 | 0.04 | 83 | 83 | 94.9 | 95.1 | 7.7 | 7.7 | 4.3 | 4.3 | 1.1 | 1.1 |
| | | | | 2nd | 26.2 | | 8.7 | | 0.04 | | 82 | | 95.2 | | 7.7 | | 4.3 | | 1.1 | |

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 11 September 2023 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 | 11:18 | 1st | 26.2 | 26.2 | 7.7 | 7.7 | 0.81 | 0.81 | 1610 | 1610 | 84.3 | 83.3 | 6.8 | 6.7 | 17.1 | 17.2 | 5.5 | 5.9 |
| | | | | 2nd | 26.2 | | 7.7 | | 0.81 | | 1610 | | 82.3 | | 6.6 | | 17.2 | | 6.3 | |
| TCW-WQM2 | Cloudy | NA | 10:15 | 1st | 25.3 | 25.3 | 6.7 | 6.7 | 0.01 | 0.01 | 34 | 35 | 81.2 | 82.6 | 6.7 | 6.8 | 2.9 | 2.7 | 1.3 | 1.0 |
| | | | | 2nd | 25.4 | | 6.7 | | 0.01 | | 35 | | 83.9 | | 6.9 | | 2.4 | | 0.7 | |
| TCW-WQM3A | Cloudy | NA | 09:44 | 1st | 25.5 | 25.5 | 7.7 | 7.7 | 0.02 | 0.02 | 54 | 54 | 97.2 | 97.4 | 8.0 | 8.0 | 11.5 | 12.6 | 2.8 | 2.9 |
| | | | | 2nd | 25.5 | | 7.7 | | 0.02 | | 54 | | 97.5 | | 8.0 | | 13.6 | | 3.0 | |
| TCW-WQM4 | Cloudy | NA | 08:57 | 1st | 25.4 | 25.4 | 6.1 | 6.1 | 0.01 | 0.01 | 32 | 32 | 51.6 | 51.8 | 4.2 | 4.3 | 2.6 | 2.7 | 0.6 | 0.6 |
| | | | | 2nd | 25.4 | | 6.1 | | 0.01 | | 32 | | 52.0 | | 4.3 | | 2.8 | | 0.6 | |
| TCW-WQM5A | Cloudy | NA | 09:20 | 1st | 25.2 | 25.2 | 7.3 | 7.3 | 0.01 | 0.01 | 32 | 32 | 93.6 | 93.3 | 7.7 | 7.7 | 16.1 | 16.0 | 0.9 | 0.9 |
| | | | | 2nd | 25.2 | | 7.4 | | 0.01 | | 32 | | 93.0 | | 7.7 | | 15.9 | | 0.9 | |
| TCW-WQM6 | Cloudy | NA | 10:41 | 1st | 25.5 | 25.5 | 7.0 | 7.0 | 0.02 | 0.02 | 47 | 47 | 91.3 | 91.7 | 7.5 | 7.5 | 1.3 | 1.3 | 0.9 | 1.0 |
| | | | | 2nd | 25.5 | | 7.0 | | 0.02 | | 47 | | 92.1 | | 7.5 | | 1.2 | | 1.1 | |
| TCW-WQM7 | Cloudy | NA | 10:53 | 1st | 26.3 | 26.3 | 8.7 | 8.8 | 0.03 | 0.03 | 69 | 69 | 109.6 | 109.8 | 8.8 | 8.9 | 16.7 | 16.3 | 11.8 | <u>11.7</u> |
| | | | | 2nd | 26.3 | | 8.8 | | 0.03 | | 68 | | 110.0 | | 8.9 | | 15.9 | | 11.6 | |

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 13 September 2023 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 | 11:37 | 1st | 27.5 | 27.5 | 7.8 | 7.8 | 19.91 | 19.92 | 31900 | 31950 | 72.6 | 72.0 | 5.1 | 5.1 | 11.7 | 12.5 | 2.5 | 2.4 |
| | | | | 2nd | 27.5 | | 7.8 | | 19.93 | | 32000 | | 71.4 | | 5.0 | | 13.2 | | 2.2 | |
| TCW-WQM2 | Cloudy | NA | 10:13 | 1st | 25.9 | 25.9 | 6.1 | 6.1 | 0.01 | 0.01 | 31 | 31 | 89.1 | 86.5 | 7.2 | 7.0 | 2.8 | 2.7 | 0.7 | 0.7 |
| | | | | 2nd | 26.0 | | 6.1 | | 0.01 | | 31 | | 83.8 | | 6.8 | | 2.5 | | 0.7 | |
| TCW-WQM3A | Cloudy | NA | 09:43 | 1st | 25.8 | 25.8 | 7.6 | 7.6 | 0.02 | 0.02 | 47 | 47 | 93.2 | 93.6 | 7.6 | 7.6 | 3.3 | 3.3 | 1.6 | 1.6 |
| | | | | 2nd | 25.8 | | 7.6 | | 0.02 | | 47 | | 93.9 | | 7.6 | | 3.2 | | 1.6 | |
| TCW-WQM4 | Cloudy | NA | 08:51 | 1st | 26.0 | 26.0 | 6.8 | 6.7 | 0.01 | 0.01 | 35 | 35 | 54.4 | 52.3 | 4.4 | 4.3 | 3.3 | 3.6 | 0.6 | 0.7 |
| | | | | 2nd | 26.0 | | 6.7 | | 0.01 | | 35 | | 50.1 | | 4.1 | | 3.8 | | 0.7 | |
| TCW-WQM5A | Cloudy | NA | 09:18 | 1st | 25.6 | 25.6 | 7.6 | 7.6 | 0.01 | 0.01 | 32 | 32 | 80.0 | 82.2 | 6.5 | 6.7 | 4.2 | 4.4 | 0.7 | 0.8 |
| | | | | 2nd | 25.7 | | 7.6 | | 0.01 | | 32 | | 84.4 | | 6.9 | | 4.5 | | 0.9 | |
| TCW-WQM6 | Cloudy | NA | 10:51 | 1st | 26.1 | 26.1 | 7.0 | 6.9 | 0.02 | 0.02 | 49 | 49 | 78.7 | 77.3 | 6.4 | 6.3 | 2.8 | 2.6 | 1.3 | 1.4 |
| | | | | 2nd | 26.1 | | 6.8 | | 0.02 | | 48 | | 75.9 | | 6.2 | | 2.3 | | 1.4 | |
| TCW-WQM7 | Cloudy | NA | 10:36 | 1st | 27.1 | 27.1 | 8.6 | 8.6 | 0.03 | 0.03 | 67 | 67 | 104.7 | 105.1 | 8.3 | 8.4 | 3.2 | 3.3 | 1.9 | 1.9 |
| | | | | 2nd | 27.1 | | 8.6 | | 0.03 | | 66 | | 105.4 | | 8.4 | | 3.3 | | 1.9 | |

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 15 September 2023 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 | 12:48 | 1st | 27.9 | 28.0 | 8.0 | 8.0 | 23.07 | 23.09 | 36500 | 36550 | 66.1 | 63.4 | 4.6 | 4.4 | 16.9 | 16.5 | 5.4 | 5.3 |
| | | | | 2nd | 28.0 | | 8.0 | | 23.11 | | 36600 | | 60.7 | | 4.2 | | 16.1 | | 5.1 | |
| TCW-WQM2 | Sunny | NA | 11:27 | 1st | 26.2 | 26.2 | 6.7 | 6.6 | 0.01 | 0.01 | 34 | 34 | 81.0 | 79.4 | 6.6 | 6.5 | 3.7 | 3.5 | 1.7 | 1.8 |
| | | | | 2nd | 26.2 | | 6.6 | | 0.01 | | 33 | | 77.8 | | 6.3 | | 3.2 | | 1.9 | |
| TCW-WQM3A | Sunny | NA | 11:02 | 1st | 26.1 | 26.1 | 7.8 | 7.8 | 0.02 | 0.02 | 52 | 52 | 103.0 | 102.2 | 8.4 | 8.3 | 12.2 | 12.1 | 3.6 | 3.7 |
| | | | | 2nd | 26.1 | | 7.8 | | 0.02 | | 52 | | 101.3 | | 8.2 | | 12.0 | | 3.7 | |
| TCW-WQM4 | Sunny | NA | 10:10 | 1st | 25.7 | 25.7 | 6.5 | 6.5 | 0.01 | 0.01 | 33 | 33 | 81.7 | 80.4 | 6.7 | 6.6 | 3.4 | 3.6 | 0.6 | 0.6 |
| | | | | 2nd | 25.7 | | 6.5 | | 0.01 | | 33 | | 79.0 | | 6.4 | | 3.8 | | 0.6 | |
| TCW-WQM5A | Sunny | NA | 10:34 | 1st | 25.6 | 25.6 | 7.6 | 7.6 | 0.01 | 0.01 | 33 | 33 | 88.3 | 87.9 | 7.2 | 7.2 | 12.7 | 12.7 | 1.2 | 1.2 |
| | | | | 2nd | 25.6 | | 7.6 | | 0.01 | | 33 | | 87.5 | | 7.2 | | 12.7 | | 1.1 | |
| TCW-WQM6 | Sunny | NA | 11:55 | 1st | 26.3 | 26.3 | 7.3 | 7.2 | 0.02 | 0.02 | 47 | 47 | 90.9 | 91.5 | 7.3 | 7.4 | 2.6 | 2.5 | 0.8 | 0.9 |
| | | | | 2nd | 26.3 | | 7.1 | | 0.02 | | 47 | | 92.0 | | 7.4 | | 2.3 | | 0.9 | |
| TCW-WQM7 | Sunny | NA | 12:13 | 1st | 27.4 | 27.3 | 8.7 | 8.7 | 0.03 | 0.03 | 66 | 66 | 100.1 | 99.5 | 7.9 | 7.9 | 14.9 | 14.9 | 4.0 | 3.8 |
| | | | | 2nd | 27.3 | | 8.7 | | 0.03 | | 66 | | 98.9 | | 7.8 | | 14.9 | | 3.6 | |

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 18 September 2023 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 | 14:01 | 1st | 29.7 | 29.7 | 8.4 | 8.4 | 18.41 | 18.28 | 29800 | 29600 | 106.1 | 106.1 | 7.3 | 7.3 | 17.7 | 18.5 | 5.8 | 5.7 |
| | | | | 2nd | 29.6 | | 8.4 | | 18.14 | | 29400 | | 106.0 | | 7.3 | | 19.3 | | 5.6 | |
| TCW-WQM2 | Sunny | NA | 12:40 | 1st | 27.6 | 27.5 | 7.1 | 7.0 | 0.01 | 0.01 | 31 | 31 | 80.4 | 77.4 | 6.3 | 6.1 | 2.9 | 2.9 | 0.7 | 0.7 |
| | | | | 2nd | 27.5 | | 6.9 | | 0.01 | | 31 | | 74.3 | | 5.9 | | 2.9 | | 0.7 | |
| TCW-WQM3A | Sunny | NA | 12:14 | 1st | 27.2 | 27.2 | 7.8 | 7.8 | 0.02 | 0.02 | 46 | 46 | 95.8 | 95.8 | 7.6 | 7.6 | 4.2 | 4.2 | 1.2 | 1.2 |
| | | | | 2nd | 27.2 | | 7.8 | | 0.02 | | 46 | | 95.8 | | 7.6 | | 4.2 | | 1.1 | |
| TCW-WQM4 | Sunny | NA | 11:32 | 1st | 26.4 | 26.3 | 6.7 | 6.7 | 0.02 | 0.02 | 37 | 37 | 48.5 | 48.4 | 3.9 | 3.9 | 3.2 | 3.4 | <0.5 | <0.5 |
| | | | | 2nd | 26.3 | | 6.7 | | 0.02 | | 37 | | 48.2 | | 3.9 | | 3.5 | | <0.5 | |
| TCW-WQM5A | Sunny | NA | 11:50 | 1st | 26.8 | 26.8 | 7.6 | 7.6 | 0.01 | 0.01 | 33 | 33 | 74.3 | 72.5 | 5.9 | 5.8 | 4.7 | 4.5 | 0.9 | 0.9 |
| | | | | 2nd | 26.8 | | 7.6 | | 0.01 | | 33 | | 70.6 | | 5.7 | | 4.2 | | 0.8 | |
| TCW-WQM6 | Sunny | NA | 13:22 | 1st | 27.4 | 27.4 | 7.5 | 7.4 | 0.02 | 0.02 | 49 | 49 | 89.8 | 89.2 | 7.1 | 7.1 | 3.1 | 3.0 | 0.7 | 0.8 |
| | | | | 2nd | 27.4 | | 7.4 | | 0.02 | | 48 | | 88.5 | | 7.0 | | 2.8 | | 0.9 | |
| TCW-WQM7 | Sunny | NA | 13:09 | 1st | 29.4 | 29.4 | 8.7 | 8.7 | 0.03 | 0.03 | 58 | 58 | 94.6 | 95.7 | 7.2 | 7.3 | 4.9 | 5.0 | 1.1 | 1.2 |
| | | | | 2nd | 29.4 | | 8.8 | | 0.03 | | 58 | | 96.8 | | 7.4 | | 5.0 | | 1.2 | |

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 20 September 2023 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 | 15:15 | 1st | 29.2 | 29.2 | 7.8 | 7.8 | 0.66 | 0.65 | 1320 | 1305 | 94.1 | 93.9 | 7.2 | 7.2 | 14.1 | 14.1 | 2.3 | 2.2 |
| | | | | 2nd | 29.2 | | 7.8 | | 0.64 | | 1290 | | 93.6 | | 7.2 | | 14.1 | | 2.1 | |
| TCW-WQM2 | Sunny | NA | 13:40 | 1st | 27.7 | 27.7 | 6.6 | 6.5 | 0.01 | 0.01 | 31 | 31 | 75.2 | 76.6 | 5.9 | 6.0 | 4.8 | 4.6 | 0.9 | 0.9 |
| | | | | 2nd | 27.7 | | 6.5 | | 0.01 | | 31 | | 77.9 | | 6.1 | | 4.3 | | 0.9 | |
| TCW-WQM3A | Sunny | NA | 13:13 | 1st | 27.5 | 27.5 | 7.7 | 7.7 | 0.02 | 0.02 | 48 | 48 | 101.5 | 101.7 | 8.0 | 8.0 | 4.6 | 4.4 | 1.3 | 1.2 |
| | | | | 2nd | 27.5 | | 7.7 | | 0.02 | | 48 | | 101.8 | | 8.0 | | 4.2 | | 1.1 | |
| TCW-WQM4 | Sunny | NA | 12:26 | 1st | 27.1 | 27.0 | 6.4 | 6.4 | 0.02 | 0.02 | 38 | 38 | 47.0 | 45.2 | 3.7 | 3.6 | 3.6 | 3.5 | 0.6 | 0.6 |
| | | | | 2nd | 27.0 | | 6.4 | | 0.02 | | 38 | | 43.4 | | 3.5 | | 3.3 | | 0.6 | |
| TCW-WQM5A | Sunny | NA | 12:45 | 1st | 27.2 | 27.2 | 7.4 | 7.4 | 0.01 | 0.01 | 33 | 33 | 96.4 | 95.8 | 7.7 | 7.7 | 3.7 | 3.8 | 0.8 | 0.8 |
| | | | | 2nd | 27.2 | | 7.4 | | 0.01 | | 33 | | 95.2 | | 7.6 | | 3.9 | | 0.8 | |
| TCW-WQM6 | Sunny | NA | 14:28 | 1st | 27.3 | 27.3 | 7.3 | 7.3 | 0.02 | 0.02 | 48 | 48 | 86.5 | 87.2 | 6.9 | 7.0 | 3.7 | 3.7 | 1.1 | 1.2 |
| | | | | 2nd | 27.3 | | 7.3 | | 0.02 | | 48 | | 87.9 | | 7.0 | | 3.7 | | 1.2 | |
| TCW-WQM7 | Sunny | NA | 14:12 | 1st | 29.1 | 29.0 | 8.9 | 8.9 | 0.03 | 0.03 | 59 | 59 | 97.7 | 98.1 | 7.5 | 7.6 | 5.6 | 5.4 | 1.2 | 1.3 |
| | | | | 2nd | 29.0 | | 8.9 | | 0.03 | | 59 | | 98.5 | | 7.6 | | 5.2 | | 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 22 September 2023 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 | 07:47 | 1st | 27.4 | 27.4 | 7.8 | 7.8 | 10.24 | 10.28 | 17400 | 17450 | 84.2 | 83.5 | 6.3 | 6.3 | 11.5 | 11.8 | 1.8 | 1.9 |
| | | | | 2nd | 27.4 | | 7.8 | | 10.32 | | 17500 | | 82.7 | | 6.2 | | 12.1 | | 2.0 | |
| TCW-WQM2 | Sunny | NA | 08:51 | 1st | 25.8 | 25.8 | 6.8 | 6.8 | 0.01 | 0.01 | 31 | 31 | 58.7 | 59.2 | 4.8 | 4.9 | 3.8 | 4.0 | 1.2 | 1.2 |
| | | | | 2nd | 25.8 | | 6.8 | | 0.01 | | 31 | | 59.7 | | 4.9 | | 4.2 | | 1.1 | |
| TCW-WQM3A | Sunny | NA | 09:15 | 1st | 26.1 | 26.1 | 7.6 | 7.6 | 0.02 | 0.02 | 49 | 49 | 101.1 | 101.2 | 8.2 | 8.2 | 2.5 | 2.7 | 1.3 | 1.3 |
| | | | | 2nd | 26.1 | | 7.6 | | 0.02 | | 48 | | 101.3 | | 8.2 | | 2.8 | | 1.2 | |
| TCW-WQM4 | Sunny | NA | 09:53 | 1st | 26.9 | 26.7 | 6.8 | 6.7 | 0.02 | 0.02 | 39 | 39 | 44.4 | 47.4 | 3.6 | 3.9 | 4.3 | 4.3 | 0.5 | 0.5 |
| | | | | 2nd | 26.4 | | 6.7 | | 0.02 | | 38 | | 50.3 | | 4.1 | | 4.3 | | 0.5 | |
| TCW-WQM5A | Sunny | NA | 10:18 | 1st | 26.3 | 26.3 | 7.4 | 7.4 | 0.01 | 0.01 | 32 | 32 | 86.4 | 85.9 | 7.0 | 7.0 | 5.2 | 5.2 | 0.9 | 0.9 |
| | | | | 2nd | 26.3 | | 7.4 | | 0.01 | | 32 | | 85.3 | | 6.9 | | 5.1 | | 0.9 | |
| TCW-WQM6 | Sunny | NA | 08:20 | 1st | 25.7 | 25.7 | 7.6 | 7.5 | 0.02 | 0.02 | 48 | 48 | 79.7 | 80.7 | 6.5 | 6.6 | 3.3 | 3.5 | 1.3 | 1.4 |
| | | | | 2nd | 25.7 | | 7.5 | | 0.02 | | 48 | | 81.7 | | 6.7 | | 3.7 | | 1.4 | |
| TCW-WQM7 | Sunny | NA | 08:09 | 1st | 26.0 | 26.0 | 8.8 | 8.8 | 0.02 | 0.02 | 56 | 56 | 90.3 | 89.9 | 7.3 | 7.3 | 4.5 | 4.5 | 1.2 | 1.3 |
| | | | | 2nd | 26.0 | | 8.8 | | 0.02 | | 56 | | 89.4 | | 7.3 | | 4.5 | | 1.4 | |

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**

Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 25 September 2023 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 | 08:55 | 1st | 29.0 | 29.1 | 9.0 | 9.0 | 21.60 | 21.65 | 34400 | 34500 | 65.7 | 62.6 | 4.5 | 4.3 | 11.2 | 11.4 | 2.9 | 2.8 |
| | | | | 2nd | 29.1 | | 9.0 | | 21.69 | | 34600 | | 59.4 | | 4.1 | | 11.5 | | 2.7 | |
| TCW-WQM2 | Sunny | NA | 10:06 | 1st | 26.6 | 26.6 | 6.3 | 6.2 | 0.01 | 0.01 | 32 | 32 | 70.3 | 73.4 | 5.6 | 5.9 | 3.1 | 3.3 | 0.8 | 0.8 |
| | | | | 2nd | 26.5 | | 6.2 | | 0.01 | | 31 | | 76.5 | | 6.1 | | 3.4 | | 0.8 | |
| TCW-WQM3A | Sunny | NA | 10:32 | 1st | 26.9 | 26.9 | 7.5 | 7.5 | 0.02 | 0.02 | 46 | 46 | 98.7 | 98.3 | 7.9 | 7.9 | 3.0 | 3.1 | 1.2 | 1.2 |
| | | | | 2nd | 26.9 | | 7.5 | | 0.02 | | 46 | | 97.8 | | 7.8 | | 3.1 | | 1.1 | |
| TCW-WQM4 | Sunny | NA | 10:57 | 1st | 26.9 | 26.7 | 6.6 | 6.6 | 0.02 | 0.02 | 39 | 39 | 53.3 | 54.1 | 4.3 | 4.4 | 2.8 | 2.8 | 0.5 | 0.6 |
| | | | | 2nd | 26.6 | | 6.5 | | 0.02 | | 39 | | 54.8 | | 4.4 | | 2.8 | | 0.6 | |
| TCW-WQM5A | Sunny | NA | 11:24 | 1st | 27.4 | 27.4 | 7.4 | 7.4 | 0.01 | 0.01 | 33 | 33 | 87.5 | 90.5 | 6.9 | 7.2 | 2.1 | 2.0 | 0.8 | 0.8 |
| | | | | 2nd | 27.4 | | 7.4 | | 0.01 | | 33 | | 93.4 | | 7.4 | | 1.9 | | 0.8 | |
| TCW-WQM6 | Sunny | NA | 09:36 | 1st | 26.3 | 26.3 | 7.4 | 7.2 | 0.02 | 0.02 | 49 | 49 | 85.6 | 86.4 | 6.9 | 7.0 | 4.9 | 4.8 | 1.1 | 1.2 |
| | | | | 2nd | 26.3 | | 7.0 | | 0.02 | | 49 | | 87.1 | | 7.0 | | 4.7 | | 1.3 | |
| TCW-WQM7 | Sunny | NA | 09:20 | 1st | 27.0 | 27.0 | 9.2 | 9.1 | 0.03 | 0.03 | 63 | 64 | 94.5 | 91.9 | 7.5 | 7.3 | 4.1 | 4.1 | 1.4 | 1.4 |
| | | | | 2nd | 27.1 | | 9.1 | | 0.03 | | 64 | | 89.2 | | 7.1 | | 4.0 | | 1.4 | |

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.

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Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 27 September 2023 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 | 11:09 | 1st | 28.4 | 28.4 | 7.6 | 7.6 | 9.13 | 9.14 | 15700 | 15700 | 113.4 | 113.3 | 8.4 | 8.4 | 11.5 | 11.9 | 3.0 | 2.9 |
| | | | | 2nd | 28.4 | | 7.6 | | 9.15 | | 15700 | | 113.2 | | 8.4 | | 12.3 | | 2.7 | |
| TCW-WQM2 | Sunny | NA | 09:59 | 1st | 26.5 | 26.5 | 6.0 | 6.0 | 0.01 | 0.01 | 32 | 32 | 76.3 | 73.9 | 6.1 | 6.0 | 2.6 | 2.8 | 0.9 | 0.9 |
| | | | | 2nd | 26.5 | | 6.0 | | 0.01 | | 32 | | 71.5 | | 5.8 | | 3.0 | | 0.8 | |
| TCW-WQM3A | Sunny | NA | 09:35 | 1st | 26.2 | 26.2 | 7.4 | 7.4 | 0.02 | 0.02 | 47 | 47 | 112.6 | 112.5 | 9.1 | 9.1 | 3.9 | 3.9 | 1.5 | 1.6 |
| | | | | 2nd | 26.2 | | 7.3 | | 0.02 | | 47 | | 112.3 | | 9.1 | | 3.9 | | 1.6 | |
| TCW-WQM4 | Sunny | NA | 08:41 | 1st | 26.9 | 26.8 | 6.7 | 6.7 | 0.02 | 0.02 | 42 | 42 | 49.4 | 51.5 | 3.9 | 4.1 | 4.9 | 4.7 | 0.7 | 0.8 |
| | | | | 2nd | 26.7 | | 6.7 | | 0.02 | | 41 | | 53.5 | | 4.3 | | 4.4 | | 0.8 | |
| TCW-WQM5A | Sunny | NA | 09:03 | 1st | 26.0 | 25.9 | 7.5 | 7.5 | 0.01 | 0.01 | 34 | 34 | 115.4 | 115.3 | 9.4 | 9.4 | 5.9 | 5.7 | 0.6 | 0.6 |
| | | | | 2nd | 25.9 | | 7.5 | | 0.01 | | 34 | | 115.1 | | 9.4 | | 5.4 | | 0.6 | |
| TCW-WQM6 | Sunny | NA | 10:39 | 1st | 26.5 | 26.5 | 6.9 | 6.9 | 0.06 | 0.06 | 127 | 125 | 78.4 | 78.0 | 6.3 | 6.3 | 3.3 | 3.3 | 1.1 | 1.2 |
| | | | | 2nd | 26.5 | | 6.9 | | 0.06 | | 122 | | 77.5 | | 6.2 | | 3.2 | | 1.3 | |
| TCW-WQM7 | Sunny | NA | 10:20 | 1st | 27.8 | 27.8 | 7.7 | 7.7 | 0.63 | 0.64 | 1260 | 1285 | 83.3 | 85.1 | 6.5 | 6.7 | 3.2 | 3.2 | 2.2 | 2.2 |
| | | | | 2nd | 27.9 | | 7.8 | | 0.65 | | 1310 | | 86.8 | | 6.8 | | 3.1 | | 2.1 | |

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.

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Tung Chung New Town Extension (West)

Water Quality Monitoring

Water Quality Monitoring Results on 29 September 2023 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 | 13:56 | 1st | 30.0 | 30.0 | 8.0 | 8.0 | 22.15 | 22.18 | 35200 | 35250 | 112.4 | 112.1 | 7.5 | 7.5 | 16.0 | 16.4 | 3.1 | 3.2 |
| | | | | 2nd | 30.0 | | 8.0 | | 22.21 | | 35300 | | 111.7 | | 7.5 | | 16.8 | | 3.2 | |
| TCW-WQM2 | Sunny | NA | 12:08 | 1st | 28.0 | 28.0 | 6.2 | 6.2 | 0.01 | 0.01 | 32 | 32 | 78.1 | 73.1 | 6.1 | 5.7 | 3.7 | 3.6 | 1.0 | 1.1 |
| | | | | 2nd | 28.0 | | 6.2 | | 0.01 | | 32 | | 68.1 | | 5.3 | | 3.5 | | 1.1 | |
| TCW-WQM3A | Sunny | NA | 11:41 | 1st | 27.8 | 27.8 | 7.3 | 7.3 | 0.02 | 0.02 | 46 | 46 | 116.6 | 115.7 | 9.2 | 9.1 | 4.2 | 4.3 | 1.4 | 1.5 |
| | | | | 2nd | 27.8 | | 7.3 | | 0.02 | | 46 | | 114.8 | | 9.0 | | 4.3 | | 1.5 | |
| TCW-WQM4 | Sunny | NA | 11:00 | 1st | 27.4 | 27.2 | 6.5 | 6.5 | 0.02 | 0.02 | 42 | 42 | 54.2 | 54.2 | 4.3 | 4.3 | 3.9 | 3.9 | 0.6 | 0.7 |
| | | | | 2nd | 27.1 | | 6.4 | | 0.02 | | 41 | | 54.2 | | 4.3 | | 3.8 | | 0.7 | |
| TCW-WQM5A | Sunny | NA | 11:15 | 1st | 27.7 | 27.7 | 7.3 | 7.3 | 0.01 | 0.01 | 34 | 34 | 88.6 | 89.7 | 7.0 | 7.1 | 3.4 | 3.4 | 0.7 | 0.8 |
| | | | | 2nd | 27.7 | | 7.3 | | 0.01 | | 34 | | 90.8 | | 7.1 | | 3.4 | | 0.8 | |
| TCW-WQM6 | Sunny | NA | 13:18 | 1st | 27.9 | 27.9 | 7.2 | 7.2 | 0.06 | 0.06 | 126 | 126 | 61.8 | 63.2 | 4.8 | 5.0 | 3.1 | 3.2 | 1.2 | 1.3 |
| | | | | 2nd | 27.9 | | 7.2 | | 0.06 | | 125 | | 64.6 | | 5.1 | | 3.2 | | 1.3 | |
| TCW-WQM7 | Sunny | NA | 12:42 | 1st | 31.1 | 31.1 | 8.7 | 8.7 | 0.78 | 0.77 | 1560 | 1530 | 88.8 | 87.3 | 6.6 | 6.5 | 15.8 | <u>15.8</u> | 5.5 | 5.7 |
| | | | | 2nd | 31.2 | | 8.8 | | 0.75 | | 1500 | | 85.8 | | 6.3 | | 15.7 | | 5.8 | |

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.

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