

# Air Quality Monitoring Results

**1-hour TSP Monitoring Result for****Contract No. SPW 02/2023****Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1****AM1 - Topfine Machinery (China) Co. Ltd.**

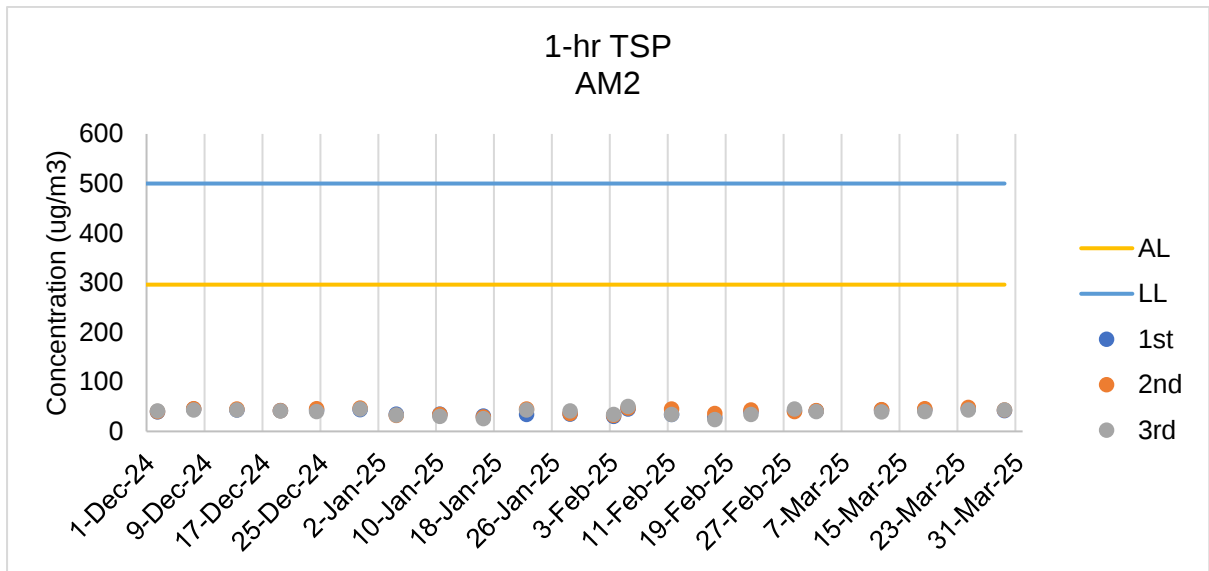
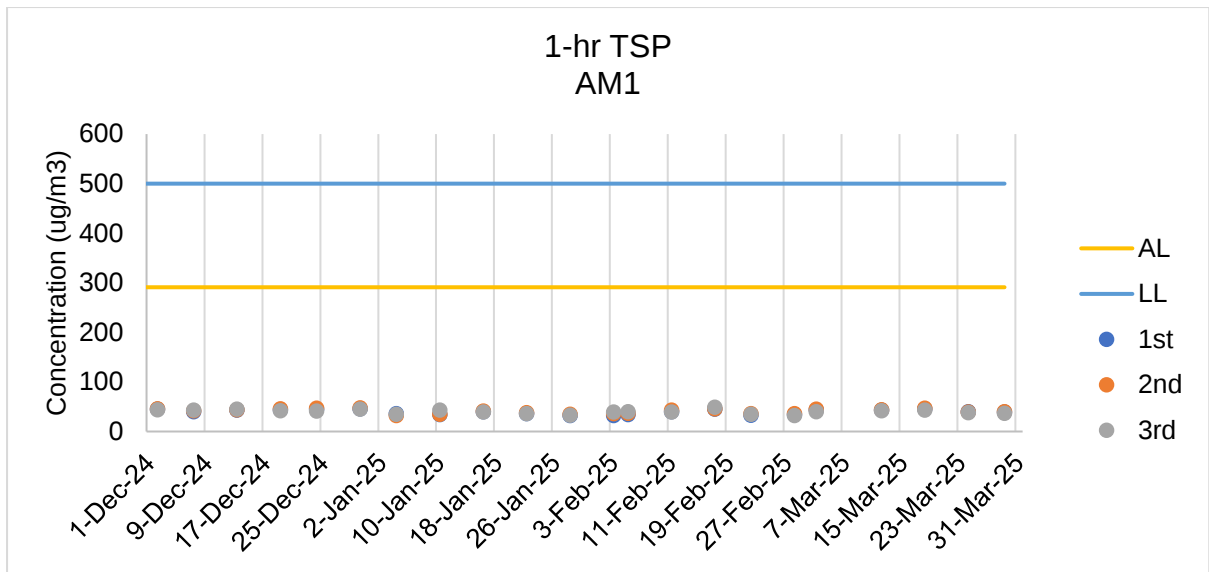
| Date      | Weather Condition | Start Time | 1-hour TSP ( $\mu\text{g}/\text{m}^3$ ) |                 |                 | Action Level ( $\text{ug}/\text{m}^3$ ) | Limit Level ( $\text{ug}/\text{m}^3$ ) |
|-----------|-------------------|------------|-----------------------------------------|-----------------|-----------------|-----------------------------------------|----------------------------------------|
|           |                   |            | 1st Measurement                         | 2nd Measurement | 3rd Measurement |                                         |                                        |
| 6/3/2025  | Fine              | 8:09       | 44                                      | 45              | 40              | 291                                     | 500                                    |
| 12/3/2025 | Fine              | 8:12       | 43                                      | 44              | 42              |                                         |                                        |
| 18/3/2025 | Fine              | 8:23       | 46                                      | 47              | 43              |                                         |                                        |
| 24/3/2025 | Fine              | 8:25       | 40                                      | 39              | 38              |                                         |                                        |
| 29/3/2025 | Fine              | 8:34       | 39                                      | 40              | 37              |                                         |                                        |
| Min       |                   |            | 37                                      |                 |                 |                                         |                                        |
| Max       |                   |            | 47                                      |                 |                 |                                         |                                        |
| Average   |                   |            | 42                                      |                 |                 |                                         |                                        |

**AM2 - Squatter house at the west of Yuen Long STW**

| Date      | Weather Condition | Start Time | 1-hour TSP ( $\mu\text{g}/\text{m}^3$ ) |                 |                 | Action Level ( $\text{ug}/\text{m}^3$ ) | Limit Level ( $\text{ug}/\text{m}^3$ ) |
|-----------|-------------------|------------|-----------------------------------------|-----------------|-----------------|-----------------------------------------|----------------------------------------|
|           |                   |            | 1st Measurement                         | 2nd Measurement | 3rd Measurement |                                         |                                        |
| 6/3/2025  | Fine              | 13:23      | 41                                      | 42              | 40              | 296                                     | 500                                    |
| 12/3/2025 | Fine              | 13:22      | 43                                      | 44              | 39              |                                         |                                        |
| 18/3/2025 | Fine              | 13:21      | 44                                      | 46              | 40              |                                         |                                        |
| 24/3/2025 | Fine              | 13:34      | 46                                      | 48              | 43              |                                         |                                        |
| 29/3/2025 | Fine              | 13:45      | 42                                      | 43              | 43              |                                         |                                        |
| Min       |                   |            | 39                                      |                 |                 |                                         |                                        |
| Max       |                   |            | 48                                      |                 |                 |                                         |                                        |
| Average   |                   |            | 43                                      |                 |                 |                                         |                                        |

Note:

Underline: Exceedance of Action Level**Underline and Bold**: Exceedance of Limit Level



Air Quality Monitoring Results

# Noise Monitoring Results

**Noise Impact Monitoring Result for  
Contract No. SPW 02/2023  
Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1**

**CM1 - Squatter house to the north of YLSTW**

| Date      | Start Time | L <sub>eq</sub> 30min dB(A) | L <sub>10</sub> dB(A) | L <sub>90</sub> dB(A) | Wind Speed (m/s) | Weather | Limit Level dB(A) |
|-----------|------------|-----------------------------|-----------------------|-----------------------|------------------|---------|-------------------|
| 6/3/2025  | 9:59       | 56.8                        | 58.6                  | 54.5                  | 3.1              | sunny   | 75                |
| 12/3/2025 | 10:04      | 58.6                        | 60.3                  | 56.6                  | 0.0              | sunny   | 75                |
| 18/3/2025 | 10:13      | 57.8                        | 59.6                  | 56.3                  | 0.9              | sunny   | 75                |
| 24/3/2025 | 10:18      | 58.6                        | 62.1                  | 56.4                  | 0.1              | sunny   | 75                |
|           | Max        | 58.6                        |                       |                       |                  |         |                   |
|           | Min        | 56.8                        |                       |                       |                  |         |                   |

**CM2 - Squatter house to the west of YLSTW**

| Date      | Start Time | L <sub>eq</sub> 30min dB(A) | L <sub>10</sub> dB(A) | L <sub>90</sub> dB(A) | Wind Speed (m/s) | Weather | Limit Level dB(A) |
|-----------|------------|-----------------------------|-----------------------|-----------------------|------------------|---------|-------------------|
| 6/3/2025  | 13:23      | 54.5                        | 56.4                  | 53.4                  | 0.1              | sunny   | 75                |
| 12/3/2025 | 13:22      | 53.7                        | 55.6                  | 52.3                  | 0.6              | sunny   | 75                |
| 18/3/2025 | 13:21      | 55.4                        | 57.5                  | 53.1                  | 3.7              | sunny   | 75                |
| 24/3/2025 | 13:34      | 53.8                        | 55.6                  | 51.1                  | 0.0              | sunny   | 75                |
|           | Max        | 55.4                        |                       |                       |                  |         |                   |
|           | Min        | 53.7                        |                       |                       |                  |         |                   |

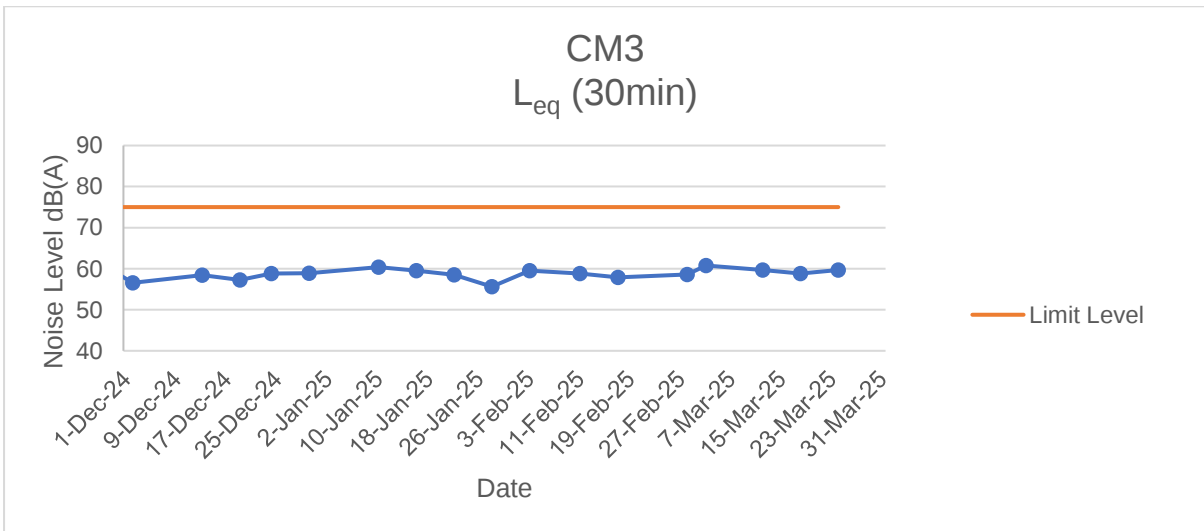
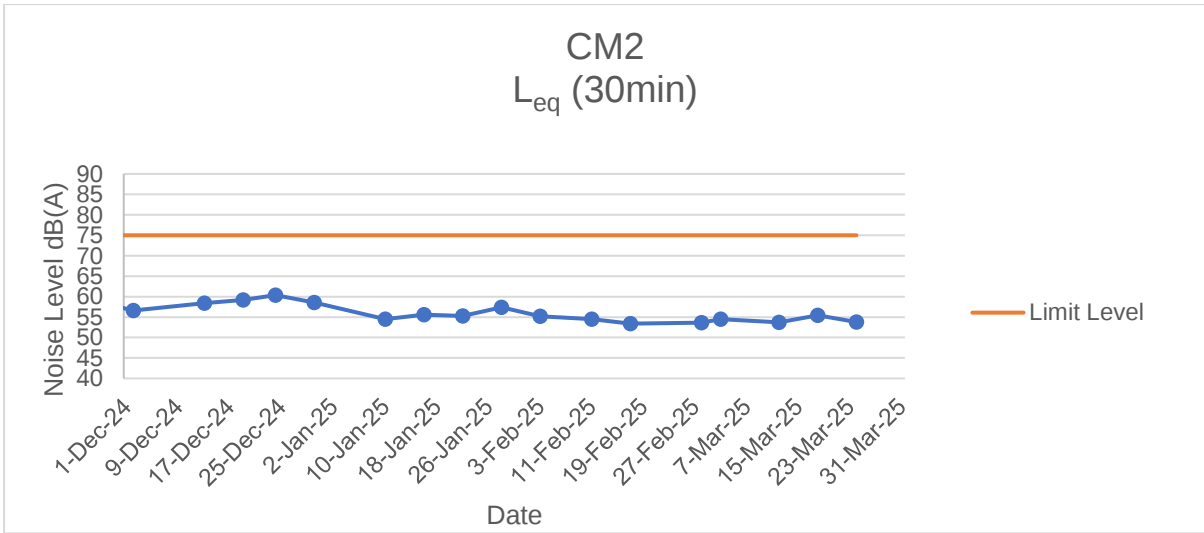
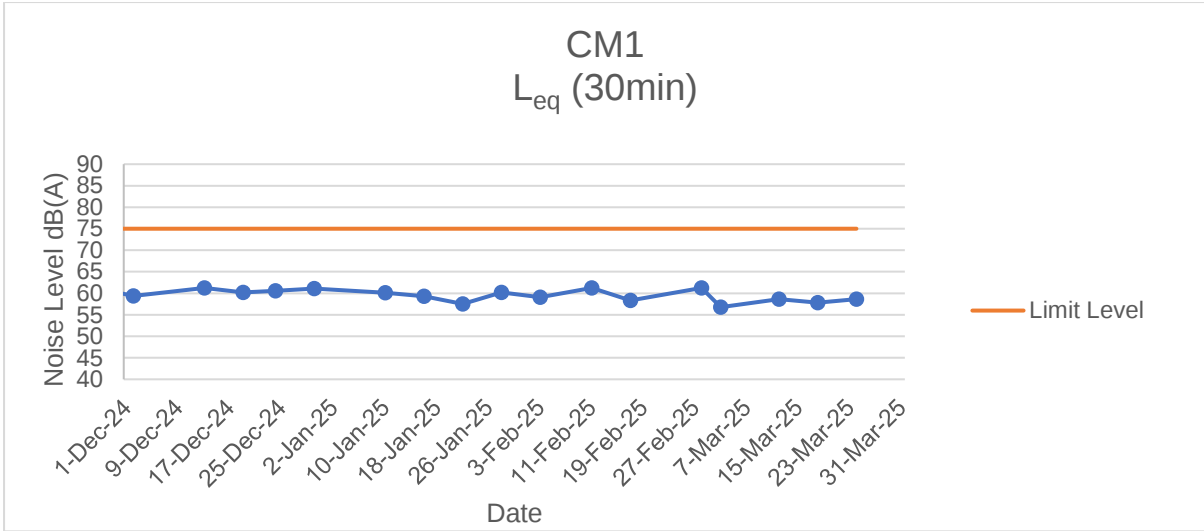
**CM3 - Squatter house to the east of YLSTW**

| Date      | Start Time | L <sub>eq</sub> 30min dB(A) | L <sub>10</sub> dB(A) | L <sub>90</sub> dB(A) | Wind Speed (m/s) | Weather | Limit Level dB(A) |
|-----------|------------|-----------------------------|-----------------------|-----------------------|------------------|---------|-------------------|
| 6/3/2025  | 8:46       | 60.8                        | 60.2                  | 56.7                  | 1.6              | sunny   | 75                |
| 12/3/2025 | 8:50       | 59.7                        | 59.4                  | 57.7                  | 0.2              | sunny   | 75                |
| 18/3/2025 | 8:59       | 58.8                        | 60.7                  | 56.6                  | 0.1              | sunny   | 75                |
| 24/3/2025 | 9:04       | 59.7                        | 61.6                  | 56.7                  | 0.1              | sunny   | 75                |
|           | Max        | 60.8                        |                       |                       |                  |         |                   |
|           | Min        | 58.8                        |                       |                       |                  |         |                   |

Note:

CM1, CM2 and CM3: Free-field measurement (+3dB(A) correction has been applied).

No raining or wind with speed over 5 m/s was observed during noise monitoring according to the onsite observation.



**Noise Monitoring Results**

# Water Quality Monitoring Results

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date     | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |          |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |          |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 1/3/2025 | Mid-Flood | Cloudy  | Low           | 11:52 | 2.4             | M                | 1.20                 | 1         | 0.085               | 166.334               | 7.14  | 7.14 | 2.93           | 2.96 | 21.8                   | 21.85 | 38.7              | 38.85 | 2.91      | 2.92 | 23.94           | 24.005 | 2.5                           | 3    |
| M1                  | 1/3/2025 | Mid-Flood | Cloudy  | Low           | 11:52 | 2.4             | M                | 1.20                 | 2         |                     |                       | 7.13  | 7.14 | 2.99           | 2.96 | 21.9                   | 21.85 | 39.0              | 38.85 | 2.93      | 2.92 | 24.07           | 24.005 | 2.5                           | 3    |
| M2                  | 1/3/2025 | Mid-Flood | Cloudy  | Low           | 12:26 | 2.1             | M                | 1.05                 | 1         | 0.077               | 181.652               | 7.2   | 7.20 | 3.11           | 3.12 | 21.8                   | 21.85 | 41.1              | 40.10 | 3.09      | 3.02 | 24.92           | 25.075 | 3                             | 3    |
| M2                  | 1/3/2025 | Mid-Flood | Cloudy  | Low           | 12:26 | 2.1             | M                | 1.05                 | 2         |                     |                       | 7.19  | 7.20 | 3.12           | 3.12 | 21.9                   | 21.85 | 39.1              | 40.10 | 2.94      | 3.02 | 25.23           | 25.075 | 2.5                           | 3    |
| M3                  | 1/3/2025 | Mid-Flood | Cloudy  | Low           | 12:41 | 1.9             | M                | 0.95                 | 1         | 0.074               | 181.624               | 7.15  | 7.14 | 3.38           | 3.34 | 21.8                   | 21.80 | 50.7              | 50.70 | 3.81      | 3.81 | 31.84           | 31.635 | 2.5                           | 3    |
| M3                  | 1/3/2025 | Mid-Flood | Cloudy  | Low           | 12:41 | 1.9             | M                | 0.95                 | 2         |                     |                       | 7.13  | 7.14 | 3.3            | 3.34 | 21.8                   | 21.80 | 50.7              | 50.70 | 3.81      | 3.81 | 31.43           | 31.635 | 2.5                           | 3    |
| M1                  | 1/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:36  | 2.5             | M                | 1.25                 | 1         | 0.079               | 335.487               | 7.16  | 7.16 | 2.87           | 2.88 | 21.6                   | 21.65 | 36.2              | 36.10 | 2.72      | 2.72 | 22.83           | 22.86  | 2.5                           | 3    |
| M1                  | 1/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:37  | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.16  | 7.16 | 2.89           | 2.88 | 21.7                   | 21.65 | 36.0              | 36.10 | 2.71      | 2.72 | 22.89           | 22.86  | 2.5                           | 3    |
| M2                  | 1/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:00  | 2.3             | M                | 1.15                 | 1         | 0.074               | 326.801               | 7.17  | 7.16 | 2.84           | 2.80 | 21.6                   | 21.60 | 37.9              | 38.55 | 2.85      | 2.90 | 23.41           | 23.505 | 2.5                           | 3    |
| M2                  | 1/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:01  | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.15  | 7.16 | 2.75           | 2.80 | 21.6                   | 21.60 | 39.2              | 38.55 | 2.95      | 2.90 | 23.6            | 23.505 | 2.5                           | 3    |
| M3                  | 1/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:51  | 2               | M                | 1.00                 | 1         | 0.059               | 318.385               | 7.18  | 7.18 | 3.45           | 3.45 | 21.6                   | 21.60 | 52.3              | 51.55 | 3.93      | 3.88 | 30.99           | 30.83  | 2.5                           | 3    |
| M3                  | 1/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:51  | 2               | M                | 1.00                 | 2         |                     |                       | 7.18  | 7.18 | 3.44           | 3.45 | 21.6                   | 21.60 | 50.8              | 51.55 | 3.82      | 3.88 | 30.67           | 30.83  | 2.5                           | 3    |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date     | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |          |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |          |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 3/3/2025 | Mid-Flood | Cloudy  | Low           | 13:50 | 2.5             | M                | 1.25                 | 1         | 0.076               | 184.566               | 7.15  | 7.14 | 2.87           | 2.88 | 21.1                   | 21.10 | 39.6              | 38.60 | 2.98      | 2.91 | 22.45           | 22.565 | 33                            | 34   |
| M1                  | 3/3/2025 | Mid-Flood | Cloudy  | Low           | 13:50 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.13  |      | 2.88           |      | 21.1                   |       | 37.6              |       | 2.83      |      | 22.68           |        | 35                            |      |
| M2                  | 3/3/2025 | Mid-Flood | Cloudy  | Low           | 14:26 | 2.2             | M                | 1.10                 | 1         | 0.075               | 187.311               | 7.14  | 7.15 | 2.94           | 2.93 | 21.1                   | 21.10 | 40.2              | 39.70 | 3.02      | 2.99 | 22.83           | 22.82  | 31                            | 28   |
| M2                  | 3/3/2025 | Mid-Flood | Cloudy  | Low           | 14:26 | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.16  |      | 2.92           |      | 21.1                   |       | 39.2              |       | 2.95      |      | 22.81           |        | 24                            |      |
| M3                  | 3/3/2025 | Mid-Flood | Cloudy  | Low           | 14:39 | 1.9             | M                | 0.95                 | 1         | 0.087               | 165.672               | 7.16  | 7.17 | 3.35           | 3.35 | 21.1                   | 21.15 | 51.2              | 51.05 | 3.85      | 3.84 | 31.66           | 31.765 | 30                            | 29   |
| M3                  | 3/3/2025 | Mid-Flood | Cloudy  | Low           | 14:39 | 1.9             | M                | 0.95                 | 2         |                     |                       | 7.18  |      | 3.35           |      | 21.2                   |       | 50.9              |       | 3.83      |      | 31.87           |        | 27                            |      |
| M1                  | 3/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:38  | 2.6             | M                | 1.30                 | 1         | 0.064               | 312.947               | 7.12  | 7.13 | 2.94           | 2.93 | 21.0                   | 21.00 | 38.3              | 37.55 | 2.88      | 2.83 | 20.85           | 20.81  | 22                            | 25   |
| M1                  | 3/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:38  | 2.6             | M                | 1.30                 | 2         |                     |                       | 7.13  |      | 2.91           |      | 21.0                   |       | 36.8              |       | 2.77      |      | 20.77           |        | 27                            |      |
| M2                  | 3/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:11  | 2.3             | M                | 1.15                 | 1         | 0.06                | 312.365               | 7.11  | 7.12 | 2.97           | 2.95 | 21.0                   | 21.00 | 39.4              | 39.45 | 2.96      | 2.97 | 21.00           | 20.87  | 36                            | 36   |
| M2                  | 3/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:12  | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.12  |      | 2.92           |      | 21.0                   |       | 39.5              |       | 2.97      |      | 20.74           |        | 36                            |      |
| M3                  | 3/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:51  | 2               | M                | 1.00                 | 1         | 0.076               | 305.86                | 7.09  | 7.08 | 3.64           | 3.69 | 21.0                   | 21.05 | 53.1              | 53.70 | 3.99      | 4.04 | 29.66           | 29.485 | 41                            | 43   |
| M3                  | 3/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:51  | 2               | M                | 1.00                 | 2         |                     |                       | 7.07  |      | 3.73           |      | 21.1                   |       | 54.3              |       | 4.08      |      | 29.31           |        | 44                            |      |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date     | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |          |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |          |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 6/3/2025 | Mid-Flood | Cloudy  | Low           | 15:51 | 2.4             | M                | 1.20                 | 1         | 0.084               | 190.207               | 7.09  | 7.10 | 3.14           | 3.10 | 20.8                   | 20.85 | 39.8              | 40.00 | 2.99      | 3.01 | 23.68           | 23.605 | 34                            | 34   |
| M1                  | 6/3/2025 | Mid-Flood | Cloudy  | Low           | 15:51 | 2.4             | M                | 1.20                 | 2         |                     |                       | 7.1   |      | 3.05           |      | 20.9                   |       | 40.2              |       | 3.02      |      | 23.53           |        | 33                            |      |
| M2                  | 6/3/2025 | Mid-Flood | Cloudy  | Low           | 16:22 | 2.1             | M                | 1.05                 | 1         |                     |                       | 7.1   | 7.09 | 3.19           | 3.15 | 20.8                   | 20.80 | 38.3              | 37.30 | 2.88      | 2.81 | 24.15           | 24.02  | 34                            | 36   |
| M2                  | 6/3/2025 | Mid-Flood | Cloudy  | Low           | 16:22 | 2.1             | M                | 1.05                 | 2         | 0.084               | 176.543               | 7.08  |      | 3.1            |      | 20.8                   |       | 36.3              |       | 2.73      |      | 23.89           |        | 38                            |      |
| M3                  | 6/3/2025 | Mid-Flood | Cloudy  | Low           | 16:33 | 2               | M                | 1.00                 | 1         |                     |                       | 7.14  | 7.13 | 3.87           | 3.91 | 20.8                   | 20.80 | 50.4              | 50.25 | 3.79      | 3.78 | 31.60           | 31.62  | 24                            | 26   |
| M3                  | 6/3/2025 | Mid-Flood | Cloudy  | Low           | 16:33 | 2               | M                | 1.00                 | 2         |                     |                       | 7.12  |      | 3.94           |      | 20.8                   |       | 50.1              |       | 3.77      |      | 31.64           |        | 27                            |      |
| M1                  | 6/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:59  | 2.6             | M                | 1.30                 | 1         | 0.065               | 301.352               | 7.06  | 7.06 | 2.99           | 2.98 | 20.6                   | 20.60 | 37.0              | 36.45 | 2.78      | 2.74 | 22.88           | 23.035 | 23                            | 25   |
| M1                  | 6/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:59  | 2.6             | M                | 1.30                 | 2         |                     |                       | 7.06  |      | 2.96           |      | 20.6                   |       | 35.9              |       | 2.7       |      | 23.19           |        | 26                            |      |
| M2                  | 6/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:29  | 2.4             | M                | 1.20                 | 1         |                     |                       | 7.09  | 7.10 | 2.88           | 2.92 | 20.6                   | 20.65 | 38.0              | 38.10 | 2.86      | 2.87 | 23.09           | 23.045 | 25                            | 26   |
| M2                  | 6/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:29  | 2.4             | M                | 1.20                 | 2         | 0.078               | 323.215               | 7.11  |      | 2.95           |      | 20.7                   |       | 38.2              |       | 2.87      |      | 23              |        | 27                            |      |
| M3                  | 6/3/2025 | Mid-Ebb   | Cloudy  | Low           | 9:11  | 2               | M                | 1.00                 | 1         |                     |                       | 7.11  | 7.11 | 3.88           | 3.89 | 20.6                   | 20.60 | 51.7              | 52.45 | 3.89      | 3.95 | 32.49           | 32.41  | 38                            | 38   |
| M3                  | 6/3/2025 | Mid-Ebb   | Cloudy  | Low           | 9:11  | 2               | M                | 1.00                 | 2         |                     |                       | 7.1   |      | 3.9            |      | 20.6                   |       | 53.2              |       | 4         |      | 32.33           |        | 37                            |      |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date     | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |          |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |          |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 8/3/2025 | Mid-Flood | Cloudy  | Low           | 17:02 | 2.3             | M                | 1.15                 | 1         | 0.074               | 171.676               | 7.18  | 7.17 | 2.98           | 2.96 | 20.9                   | 20.90 | 39.4              | 40.10 | 2.96      | 3.02 | 22.96           | 22.99  | 2.5                           | 3    |
| M1                  | 8/3/2025 | Mid-Flood | Cloudy  | Low           | 17:02 | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.16  | 7.17 | 2.94           | 2.96 | 20.9                   | 20.90 | 40.8              | 40.10 | 3.07      | 3.02 | 23.02           | 22.99  | 2.5                           | 3    |
| M2                  | 8/3/2025 | Mid-Flood | Cloudy  | Low           | 17:36 | 1.9             | M                | 0.95                 | 1         | 0.088               | 182.125               | 7.2   | 7.21 | 2.90           | 2.88 | 20.9                   | 20.90 | 38.8              | 38.15 | 2.92      | 2.87 | 23.42           | 23.265 | 2.5                           | 3    |
| M2                  | 8/3/2025 | Mid-Flood | Cloudy  | Low           | 17:36 | 1.9             | M                | 0.95                 | 2         |                     |                       | 7.21  | 7.21 | 2.85           | 2.88 | 20.9                   | 20.90 | 37.5              | 38.15 | 2.82      | 2.87 | 23.11           | 23.265 | 2.5                           | 3    |
| M3                  | 8/3/2025 | Mid-Flood | Cloudy  | Low           | 17:48 | 1.8             | M                | 0.90                 | 1         | 0.075               | 172.444               | 7.15  | 7.16 | 3.33           | 3.31 | 20.9                   | 20.95 | 50.9              | 51.65 | 3.83      | 3.89 | 31.71           | 31.89  | 2.5                           | 3    |
| M3                  | 8/3/2025 | Mid-Flood | Cloudy  | Low           | 17:49 | 1.8             | M                | 0.90                 | 2         |                     |                       | 7.17  | 7.16 | 3.29           | 3.31 | 21                     | 20.95 | 52.4              | 51.65 | 3.94      | 3.89 | 32.07           | 31.89  | 2.5                           | 3    |
| M1                  | 8/3/2025 | Mid-Ebb   | Cloudy  | Low           | 12:51 | 2.4             | M                | 1.20                 | 1         | 0.072               | 328.522               | 7.21  | 7.22 | 2.78           | 2.75 | 21.1                   | 21.10 | 37.8              | 37.30 | 2.84      | 2.81 | 23.83           | 23.88  | 2.5                           | 3    |
| M1                  | 8/3/2025 | Mid-Ebb   | Cloudy  | Low           | 12:51 | 2.4             | M                | 1.20                 | 2         |                     |                       | 7.22  | 7.22 | 2.71           | 2.75 | 21.1                   | 21.10 | 36.8              | 37.30 | 2.77      | 2.81 | 23.93           | 23.88  | 2.5                           | 3    |
| M2                  | 8/3/2025 | Mid-Ebb   | Cloudy  | Low           | 12:20 | 2.2             | M                | 1.10                 | 1         | 0.064               | 344.538               | 7.2   | 7.21 | 2.92           | 2.97 | 21.1                   | 21.15 | 39.2              | 39.80 | 2.95      | 3.00 | 22.95           | 22.98  | 2.5                           | 3    |
| M2                  | 8/3/2025 | Mid-Ebb   | Cloudy  | Low           | 12:20 | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.22  | 7.21 | 3.01           | 2.97 | 21.2                   | 21.15 | 40.4              | 39.80 | 3.04      | 3.00 | 23.01           | 22.98  | 2.5                           | 3    |
| M3                  | 8/3/2025 | Mid-Ebb   | Cloudy  | Low           | 13:08 | 2               | M                | 1.00                 | 1         | 0.075               | 327.131               | 7.19  | 7.18 | 3.55           | 3.59 | 21.1                   | 21.10 | 50.0              | 50.05 | 3.76      | 3.77 | 29.66           | 29.76  | 2.5                           | 3    |
| M3                  | 8/3/2025 | Mid-Ebb   | Cloudy  | Low           | 13:08 | 2               | M                | 1.00                 | 2         |                     |                       | 7.17  | 7.18 | 3.63           | 3.59 | 21.1                   | 21.10 | 50.1              | 50.05 | 3.77      | 3.77 | 29.86           | 29.76  | 2.5                           | 3    |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

| For Flood Tide      |      |      |      |      |     |     |
|---------------------|------|------|------|------|-----|-----|
| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

| For Ebb Tide        |      |      |      |      |    |    |
|---------------------|------|------|------|------|----|----|
| Monitoring Location | DO   |      | NTU  |      | SS |    |
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 10/3/2025 | Mid-Flood | Cloudy  | Low           | 8:45  | 2.6             | M                | 1.30                 | 1         | 0.092               | 177.35                | 7.11  | 7.10 | 3.24           | 3.21 | 20.6                   | 20.60 | 35.2              | 35.95 | 2.65      | 2.71 | 21.88           | 22.205 | 21                            | 22   |
| M1                  | 10/3/2025 | Mid-Flood | Cloudy  | Low           | 8:45  | 2.6             | M                | 1.30                 | 2         |                     |                       | 7.09  |      | 3.18           |      | 20.6                   |       | 36.7              |       | 2.76      |      | 22.53           |        | 23                            |      |
| M2                  | 10/3/2025 | Mid-Flood | Cloudy  | Low           | 9:22  | 2.3             | M                | 1.15                 | 1         | 0.093               | 181.794               | 7.08  | 7.08 | 3.11           | 3.10 | 20.6                   | 20.60 | 36.3              | 35.35 | 2.73      | 2.66 | 21.98           | 21.76  | 20                            | 20   |
| M2                  | 10/3/2025 | Mid-Flood | Cloudy  | Low           | 9:23  | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.08  |      | 3.08           |      | 20.6                   |       | 34.4              |       | 2.59      |      | 21.54           |        | 20                            |      |
| M3                  | 10/3/2025 | Mid-Flood | Cloudy  | Low           | 9:36  | 2.1             | M                | 1.05                 | 1         | 0.088               | 181.805               | 7.16  | 7.16 | 3.89           | 3.85 | 20.6                   | 20.60 | 50.4              | 50.20 | 3.79      | 3.78 | 29.77           | 29.84  | 11                            | 15   |
| M3                  | 10/3/2025 | Mid-Flood | Cloudy  | Low           | 9:36  | 2.1             | M                | 1.05                 | 2         |                     |                       | 7.15  |      | 3.8            |      | 20.6                   |       | 50.0              |       | 3.76      |      | 29.91           |        | 18                            |      |
| M1                  | 10/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:16 | 2.5             | M                | 1.25                 | 1         | 0.079               | 320.084               | 7.11  | 7.12 | 2.96           | 2.92 | 20.5                   | 20.50 | 36.2              | 36.85 | 2.72      | 2.77 | 23.93           | 23.96  | 28                            | 32   |
| M1                  | 10/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:16 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.12  |      | 2.88           |      | 20.5                   |       | 37.5              |       | 2.82      |      | 23.99           |        | 36                            |      |
| M2                  | 10/3/2025 | Mid-Ebb   | Cloudy  | Low           | 13:46 | 2.3             | M                | 1.15                 | 1         | 0.081               | 312.935               | 7.12  | 7.12 | 3.18           | 3.16 | 20.5                   | 20.55 | 37.2              | 37.10 | 2.8       | 2.79 | 24.30           | 24.195 | 26                            | 27   |
| M2                  | 10/3/2025 | Mid-Ebb   | Cloudy  | Low           | 13:46 | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.12  |      | 3.14           |      | 20.6                   |       | 37.0              |       | 2.78      |      | 24.09           |        | 28                            |      |
| M3                  | 10/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:25 | 2.1             | M                | 1.05                 | 1         | 0.077               | 318.484               | 7.18  | 7.17 | 3.95           | 3.93 | 20.5                   | 20.50 | 49.1              | 49.30 | 3.69      | 3.71 | 31.98           | 31.76  | 29                            | 32   |
| M3                  | 10/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:25 | 2.1             | M                | 1.05                 | 2         |                     |                       | 7.16  |      | 3.9            |      | 20.5                   |       | 49.5              |       | 3.72      |      | 31.54           |        | 34                            |      |

Remark

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5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 12/3/2025 | Mid-Flood | Cloudy  | Low           | 10:16 | 2.5             | M                | 1.25                 | 1         | 0.082               | 191.145               | 7.14  | 7.14 | 3.18           | 3.20 | 21.2                   | 21.25 | 39.8              | 39.50 | 2.99      | 2.97 | 24.11           | 24.095 | 16                            | 12   |
| M1                  | 12/3/2025 | Mid-Flood | Cloudy  | Low           | 10:17 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.14  | 7.14 | 3.21           | 3.20 | 21.3                   | 21.25 | 39.2              | 39.50 | 2.95      | 2.97 | 24.08           | 24.095 | 8                             | 8    |
| M2                  | 12/3/2025 | Mid-Flood | Cloudy  | Low           | 10:44 | 2.1             | M                | 1.05                 | 1         | 0.084               | 175.732               | 7.15  | 7.14 | 3.16           | 3.14 | 21.2                   | 21.20 | 39.6              | 40.10 | 2.98      | 3.02 | 23.86           | 23.69  | 30                            | 31   |
| M2                  | 12/3/2025 | Mid-Flood | Cloudy  | Low           | 10:44 | 2.1             | M                | 1.05                 | 2         |                     |                       | 7.13  | 7.14 | 3.11           | 3.14 | 21.2                   | 21.20 | 40.6              | 40.10 | 3.05      | 3.02 | 23.52           | 23.69  | 32                            | 32   |
| M3                  | 12/3/2025 | Mid-Flood | Cloudy  | Low           | 10:51 | 1.9             | M                | 0.95                 | 1         | 0.088               | 190.06                | 7.2   | 7.21 | 3.87           | 3.84 | 21.2                   | 21.25 | 52.3              | 52.30 | 3.93      | 3.93 | 33.62           | 33.555 | 22                            | 30   |
| M3                  | 12/3/2025 | Mid-Flood | Cloudy  | Low           | 10:51 | 1.9             | M                | 0.95                 | 2         |                     |                       | 7.21  | 7.21 | 3.81           | 3.84 | 21.3                   | 21.25 | 52.3              | 52.30 | 3.93      | 3.93 | 33.49           | 33.555 | 38                            | 38   |
| M1                  | 12/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:07 | 2.5             | M                | 1.25                 | 1         | 0.078               | 329.375               | 7.13  | 7.14 | 3.06           | 3.02 | 21.4                   | 21.45 | 37.5              | 37.35 | 2.82      | 2.81 | 24.85           | 24.86  | 36                            | 33   |
| M1                  | 12/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:07 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.15  | 7.14 | 2.98           | 3.02 | 21.5                   | 21.45 | 37.2              | 37.35 | 2.8       | 2.81 | 24.87           | 24.86  | 30                            | 30   |
| M2                  | 12/3/2025 | Mid-Ebb   | Cloudy  | Low           | 15:38 | 2.4             | M                | 1.20                 | 1         | 0.066               | 330.596               | 7.11  | 7.11 | 2.96           | 2.99 | 21.4                   | 21.45 | 36.4              | 36.95 | 2.74      | 2.78 | 25.30           | 25.48  | 39                            | 40   |
| M2                  | 12/3/2025 | Mid-Ebb   | Cloudy  | Low           | 15:38 | 2.4             | M                | 1.20                 | 2         |                     |                       | 7.11  | 7.11 | 3.01           | 2.99 | 21.5                   | 21.45 | 37.5              | 36.95 | 2.82      | 2.78 | 25.66           | 25.48  | 41                            | 41   |
| M3                  | 12/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:21 | 2               | M                | 1.00                 | 1         | 0.08                | 318.095               | 7.19  | 7.20 | 3.75           | 3.72 | 21.4                   | 21.40 | 51.2              | 51.25 | 3.85      | 3.86 | 34.42           | 34.315 | 21                            | 19   |
| M3                  | 12/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:21 | 2               | M                | 1.00                 | 2         |                     |                       | 7.21  | 7.20 | 3.68           | 3.72 | 21.4                   | 21.40 | 51.3              | 51.25 | 3.86      | 3.86 | 34.21           | 34.315 | 17                            | 17   |

Remark

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2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
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4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
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6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

| For Flood Tide      |      |      |      |      |     |     |
|---------------------|------|------|------|------|-----|-----|
| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |
| For Ebb Tide        |      |      |      |      |     |     |
| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59  | 68  |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 14/3/2025 | Mid-Flood | Cloudy  | Low           | 11:06 | 2.4             | M                | 1.20                 | 1         | 0.083               | 185.165               | 7.14  | 7.14 | 3.17           | 3.14 | 21.4                   | 21.40 | 36.6              | 36.05 | 2.75      | 2.71 | 22.69           | 22.79  | 40                            | 41   |
| M1                  | 14/3/2025 | Mid-Flood | Cloudy  | Low           | 11:06 | 2.4             | M                | 1.20                 | 2         |                     |                       | 7.13  | 7.14 | 3.1            | 3.14 | 21.4                   | 21.40 | 35.5              | 36.05 | 2.67      | 2.71 | 22.89           | 22.79  | 41                            | 41   |
| M2                  | 14/3/2025 | Mid-Flood | Cloudy  | Low           | 11:41 | 2.1             | M                | 1.05                 | 1         |                     |                       | 7.15  | 7.16 | 3.33           | 3.35 | 21.4                   | 21.40 | 38.3              | 38.45 | 2.88      | 2.89 | 23.90           | 23.96  | 40                            | 40   |
| M2                  | 14/3/2025 | Mid-Flood | Cloudy  | Low           | 11:41 | 2.1             | M                | 1.05                 | 2         | 0.091               | 161.194               | 7.16  | 7.16 | 3.37           | 3.35 | 21.4                   | 21.40 | 38.6              | 38.45 | 2.9       | 2.89 | 24.02           | 23.96  | 40                            | 40   |
| M3                  | 14/3/2025 | Mid-Flood | Cloudy  | Low           | 11:55 | 1.9             | M                | 0.95                 | 1         |                     |                       | 7.18  | 7.18 | 3.83           | 3.84 | 21.4                   | 21.40 | 50.3              | 50.10 | 3.78      | 3.77 | 30.78           | 30.845 | 27                            | 25   |
| M3                  | 14/3/2025 | Mid-Flood | Cloudy  | Low           | 11:55 | 1.9             | M                | 0.95                 | 2         |                     |                       | 7.18  | 7.18 | 3.85           | 3.84 | 21.4                   | 21.40 | 49.9              | 50.10 | 3.75      | 3.77 | 30.91           | 30.845 | 23                            | 25   |
| M1                  | 14/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:28 | 2.5             | M                | 1.25                 | 1         | 0.068               | 324.654               | 7.11  | 7.10 | 3.05           | 3.01 | 21.5                   | 21.50 | 35.8              | 36.25 | 2.69      | 2.73 | 21.83           | 21.83  | 36                            | 36   |
| M1                  | 14/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:28 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.09  | 7.10 | 2.97           | 3.01 | 21.5                   | 21.50 | 36.7              | 36.25 | 2.76      | 2.73 | 21.83           | 21.83  | 36                            | 36   |
| M2                  | 14/3/2025 | Mid-Ebb   | Cloudy  | Low           | 15:49 | 2.2             | M                | 1.10                 | 1         |                     |                       | 7.12  | 7.12 | 3.25           | 3.25 | 21.5                   | 21.55 | 37.8              | 37.50 | 2.84      | 2.82 | 23.48           | 23.645 | 23                            | 24   |
| M2                  | 14/3/2025 | Mid-Ebb   | Cloudy  | Low           | 15:49 | 2.2             | M                | 1.10                 | 2         | 0.06                | 323.517               | 7.11  | 7.12 | 3.25           | 3.25 | 21.6                   | 21.55 | 37.2              | 37.50 | 2.8       | 2.82 | 23.81           | 23.645 | 24                            | 24   |
| M3                  | 14/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:33 | 2               | M                | 1.00                 | 1         |                     |                       | 7.17  | 7.18 | 3.96           | 3.95 | 21.5                   | 21.55 | 52.0              | 52.20 | 3.91      | 3.93 | 31.82           | 31.86  | 24                            | 30   |
| M3                  | 14/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:33 | 2               | M                | 1.00                 | 2         |                     |                       | 7.18  | 7.18 | 3.94           | 3.95 | 21.6                   | 21.55 | 52.4              | 52.20 | 3.94      | 3.93 | 31.9            | 31.86  | 36                            | 30   |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 17/3/2025 | Mid-Flood | Cloudy  | Low           | 12:27 | 2.2             | M                | 1.10                 | 1         | 0.084               | 188.745               | 7.16  | 7.15 | 2.83           | 2.86 | 21.2                   | 21.20 | 36.3              | 35.85 | 2.73      | 2.70 | 22.82           | 22.69  | 39                            | 38   |
| M1                  | 17/3/2025 | Mid-Flood | Cloudy  | Low           | 12:28 | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.14  |      | 2.89           |      | 21.2                   |       | 35.4              |       | 2.66      |      | 22.56           |        | 36                            |      |
| M2                  | 17/3/2025 | Mid-Flood | Cloudy  | Low           | 12:59 | 1.8             | M                | 0.90                 | 1         | 0.082               | 190.262               | 7.18  | 7.18 | 2.78           | 2.83 | 21.2                   | 21.25 | 37.2              | 36.40 | 2.8       | 2.74 | 23.91           | 23.855 | 30                            | 34   |
| M2                  | 17/3/2025 | Mid-Flood | Cloudy  | Low           | 12:59 | 1.8             | M                | 0.90                 | 2         |                     |                       | 7.18  |      | 2.87           |      | 21.3                   |       | 35.6              |       | 2.68      |      | 23.8            |        | 37                            |      |
| M3                  | 17/3/2025 | Mid-Flood | Cloudy  | Low           | 13:05 | 1.7             | M                | 0.85                 | 1         | 0.083               | 173.381               | 7.21  | 7.22 | 3.36           | 3.36 | 21.2                   | 21.25 | 48.1              | 48.45 | 3.62      | 3.65 | 31.91           | 31.815 | 36                            | 34   |
| M3                  | 17/3/2025 | Mid-Flood | Cloudy  | Low           | 13:05 | 1.7             | M                | 0.85                 | 2         |                     |                       | 7.22  |      | 3.36           |      | 21.3                   |       | 48.8              |       | 3.67      |      | 31.72           |        | 31                            |      |
| M1                  | 17/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:34  | 2.3             | M                | 1.15                 | 1         | 0.064               | 325.983               | 7.15  | 7.14 | 2.76           | 2.80 | 21.1                   | 21.15 | 36.8              | 37.40 | 2.77      | 2.82 | 21.93           | 21.825 | 33                            | 30   |
| M1                  | 17/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:34  | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.13  |      | 2.83           |      | 21.2                   |       | 38.0              |       | 2.86      |      | 21.72           |        | 26                            |      |
| M2                  | 17/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:00  | 2.1             | M                | 1.05                 | 1         | 0.07                | 309.378               | 7.16  | 7.17 | 2.85           | 2.82 | 21.1                   | 21.10 | 35.2              | 35.90 | 2.65      | 2.70 | 23.51           | 23.465 | 26                            | 28   |
| M2                  | 17/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:00  | 2.1             | M                | 1.05                 | 2         |                     |                       | 7.17  |      | 2.79           |      | 21.1                   |       | 36.6              |       | 2.75      |      | 23.42           |        | 29                            |      |
| M3                  | 17/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:48  | 1.8             | M                | 0.90                 | 1         | 0.076               | 304.813               | 7.2   | 7.21 | 3.44           | 3.47 | 21.1                   | 21.10 | 50.3              | 49.35 | 3.78      | 3.71 | 32.62           | 32.63  | 21                            | 25   |
| M3                  | 17/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:48  | 1.8             | M                | 0.90                 | 2         |                     |                       | 7.21  |      | 3.49           |      | 21.1                   |       | 48.4              |       | 3.64      |      | 32.64           |        | 29                            |      |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 19/3/2025 | Mid-Flood | Cloudy  | Low           | 13:30 | 2.4             | M                | 1.20                 | 1         | 0.087               | 171.564               | 7.15  | 7.15 | 2.97           | 2.95 | 21.1                   | 21.10 | 39.6              | 38.70 | 2.98      | 2.91 | 23.48           | 23.56  | 17                            | 21   |
| M1                  | 19/3/2025 | Mid-Flood | Cloudy  | Low           | 13:30 | 2.4             | M                | 1.20                 | 2         |                     |                       | 7.14  | 7.15 | 2.93           | 2.95 | 21.1                   | 21.10 | 37.8              | 38.70 | 2.84      | 2.91 | 23.64           | 23.56  | 24                            | 21   |
| M2                  | 19/3/2025 | Mid-Flood | Cloudy  | Low           | 13:58 | 2.2             | M                | 1.10                 | 1         | 0.087               | 180.171               | 7.16  | 7.15 | 3.05           | 3.02 | 21.1                   | 21.10 | 40.7              | 41.10 | 3.06      | 3.09 | 24.97           | 25.005 | 24                            | 25   |
| M2                  | 19/3/2025 | Mid-Flood | Cloudy  | Low           | 13:58 | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.14  | 7.15 | 2.98           | 3.02 | 21.1                   | 21.10 | 41.5              | 41.10 | 3.12      | 3.09 | 25.04           | 25.005 | 26                            | 25   |
| M3                  | 19/3/2025 | Mid-Flood | Cloudy  | Low           | 14:11 | 2               | M                | 1.00                 | 1         | 0.084               | 172.365               | 7.19  | 7.20 | 3.42           | 3.39 | 21.1                   | 21.10 | 50.7              | 51.00 | 3.81      | 3.84 | 31.71           | 31.735 | 23                            | 20   |
| M3                  | 19/3/2025 | Mid-Flood | Cloudy  | Low           | 14:11 | 2               | M                | 1.00                 | 2         |                     |                       | 7.2   | 7.20 | 3.35           | 3.39 | 21.1                   | 21.10 | 51.3              | 51.00 | 3.86      | 3.84 | 31.76           | 31.735 | 17                            | 20   |
| M1                  | 19/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:35  | 2.5             | M                | 1.25                 | 1         | 0.073               | 302.315               | 7.12  | 7.13 | 2.93           | 2.97 | 21.2                   | 21.25 | 39.5              | 39.50 | 2.97      | 2.97 | 23.85           | 23.9   | 16                            | 17   |
| M1                  | 19/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:35  | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.13  | 7.13 | 3.01           | 2.97 | 21.3                   | 21.25 | 39.5              | 39.50 | 2.97      | 2.97 | 23.95           | 23.9   | 17                            | 17   |
| M2                  | 19/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:00  | 2.3             | M                | 1.15                 | 1         | 0.077               | 342.511               | 7.14  | 7.14 | 3.09           | 3.13 | 21.2                   | 21.25 | 38.3              | 38.85 | 2.88      | 2.92 | 23.91           | 24.075 | 18                            | 18   |
| M2                  | 19/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:00  | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.13  | 7.14 | 3.16           | 3.13 | 21.3                   | 21.25 | 39.4              | 38.85 | 2.96      | 2.92 | 24.24           | 24.075 | 17                            | 18   |
| M3                  | 19/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:49  | 2               | M                | 1.00                 | 1         | 0.063               | 322.725               | 7.2   | 7.21 | 3.59           | 3.56 | 21.2                   | 21.25 | 50.0              | 49.55 | 3.76      | 3.73 | 32.31           | 32.105 | 20                            | 26   |
| M3                  | 19/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:49  | 2               | M                | 1.00                 | 2         |                     |                       | 7.22  | 7.21 | 3.53           | 3.56 | 21.3                   | 21.25 | 49.1              | 49.55 | 3.69      | 3.73 | 31.9            | 32.105 | 32                            | 26   |

Remark

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2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 21/3/2025 | Mid-Flood | Cloudy  | Low           | 15:03 | 2.5             | M                | 1.25                 | 1         | 0.077               | 173.988               | 7.17  | 7.18 | 3.55           | 3.60 | 21.8                   | 21.85 | 37.8              | 37.80 | 2.84      | 2.84 | 22.13           | 22.245 | 13                            | 15   |
| M1                  | 21/3/2025 | Mid-Flood | Cloudy  | Low           | 15:03 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.19  |      | 3.64           |      | 21.9                   |       | 37.8              |       | 2.84      |      | 22.36           |        | 17                            |      |
| M2                  | 21/3/2025 | Mid-Flood | Cloudy  | Low           | 15:38 | 2.1             | M                | 1.05                 | 1         |                     |                       | 7.18  |      | 3.74           |      | 21.8                   |       | 37.4              |       | 2.81      |      | 22.85           |        | 16                            |      |
| M2                  | 21/3/2025 | Mid-Flood | Cloudy  | Low           | 15:38 | 2.1             | M                | 1.05                 | 2         | 0.089               | 178.03                | 7.17  | 7.18 | 3.73           | 3.74 | 21.8                   | 21.80 | 35.6              | 36.50 | 2.68      | 2.75 | 22.8            | 22.825 | 17                            | 17   |
| M3                  | 21/3/2025 | Mid-Flood | Cloudy  | Low           | 15:48 | 1.9             | M                | 0.95                 | 1         |                     |                       | 7.22  |      | 4.28           |      | 21.8                   |       | 48.5              |       | 3.65      |      | 31.75           |        | 15                            |      |
| M3                  | 21/3/2025 | Mid-Flood | Cloudy  | Low           | 15:48 | 1.9             | M                | 0.95                 | 2         |                     |                       | 7.22  |      | 4.27           |      | 21.8                   |       | 47.5              |       | 3.57      |      | 31.54           |        | 19                            |      |
| M1                  | 21/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:35  | 2.5             | M                | 1.25                 | 1         | 0.07                | 339.425               | 7.14  | 7.14 | 3.67           | 3.68 | 21.7                   | 21.70 | 37.1              | 36.15 | 2.79      | 2.72 | 21.83           | 21.71  | 16                            | 16   |
| M1                  | 21/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:35  | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.13  |      | 3.69           |      | 21.7                   |       | 35.2              |       | 2.65      |      | 21.59           |        | 16                            |      |
| M2                  | 21/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:00  | 2.3             | M                | 1.15                 | 1         |                     |                       | 7.15  |      | 3.68           |      | 21.7                   |       | 37.4              |       | 2.81      |      | 20.68           |        | 19                            |      |
| M2                  | 21/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:01  | 2.3             | M                | 1.15                 | 2         | 0.062               | 327.408               | 7.14  | 7.15 | 3.72           | 3.70 | 21.7                   | 21.70 | 38.0              | 37.70 | 2.86      | 2.84 | 20.25           | 20.465 | 16                            | 18   |
| M3                  | 21/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:46  | 2               | M                | 1.00                 | 1         |                     |                       | 7.22  |      | 3.99           |      | 21.7                   |       | 50.0              |       | 3.76      |      | 31.48           |        | 16                            |      |
| M3                  | 21/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:46  | 2               | M                | 1.00                 | 2         |                     |                       | 7.23  |      | 3.91           |      | 21.8                   |       | 48.9              |       | 3.68      |      | 31.11           |        | 19                            |      |

Remark

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2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 24/3/2025 | Mid-Flood | Cloudy  | Low           | 16:58 | 2.5             | M                | 1.25                 | 1         | 0.073               | 188.893               | 7.11  | 7.12 | 2.88           | 2.88 | 20.8                   | 20.80 | 38.8              | 39.40 | 2.92      | 2.97 | 22.16           | 22.07  | 12                            | 14   |
| M1                  | 24/3/2025 | Mid-Flood | Cloudy  | Low           | 16:58 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.12  |      | 2.88           |      | 20.8                   |       | 40.0              |       | 3.01      |      | 21.98           |        | 16                            |      |
| M2                  | 24/3/2025 | Mid-Flood | Cloudy  | Low           | 17:25 | 2.2             | M                | 1.10                 | 1         |                     |                       | 7.09  | 7.10 | 2.73           | 2.77 | 20.8                   | 20.85 | 40.2              | 39.60 | 3.02      | 2.98 | 23.92           | 23.885 | 14                            | 16   |
| M2                  | 24/3/2025 | Mid-Flood | Cloudy  | Low           | 17:25 | 2.2             | M                | 1.10                 | 2         | 0.075               | 168.869               | 7.1   |      | 2.81           |      | 20.9                   |       | 39.0              |       | 2.93      |      | 23.85           |        | 17                            |      |
| M3                  | 24/3/2025 | Mid-Flood | Cloudy  | Low           | 17:36 | 2               | M                | 1.00                 | 1         |                     |                       | 7.14  | 7.14 | 3.30           | 3.26 | 20.8                   | 20.85 | 50.4              | 49.60 | 3.79      | 3.73 | 31.71           | 31.71  | 15                            | 17   |
| M3                  | 24/3/2025 | Mid-Flood | Cloudy  | Low           | 17:36 | 2               | M                | 1.00                 | 2         |                     |                       | 7.13  |      | 3.21           |      | 20.9                   |       | 48.8              |       | 3.67      |      | 31.71           |        | 18                            |      |
| M1                  | 24/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:41  | 2.5             | M                | 1.25                 | 1         | 0.064               | 309.373               | 7.09  | 7.09 | 2.84           | 2.82 | 20.9                   | 20.95 | 37.5              | 38.05 | 2.82      | 2.86 | 21.84           | 21.83  | 18                            | 18   |
| M1                  | 24/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:41  | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.08  |      | 2.79           |      | 21.0                   |       | 38.6              |       | 2.9       |      | 21.82           |        | 18                            |      |
| M2                  | 24/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:05  | 2.3             | M                | 1.15                 | 1         |                     |                       | 7.08  | 7.07 | 2.79           | 2.84 | 20.9                   | 20.90 | 38.7              | 38.50 | 2.91      | 2.90 | 21.52           | 21.37  | 20                            | 21   |
| M2                  | 24/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:05  | 2.3             | M                | 1.15                 | 2         | 0.064               | 341.704               | 7.06  |      | 2.88           |      | 20.9                   |       | 38.3              |       | 2.88      |      | 21.22           |        | 21                            |      |
| M3                  | 24/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:48  | 2               | M                | 1.00                 | 1         |                     |                       | 7.15  | 7.14 | 3.45           | 3.43 | 20.9                   | 20.95 | 50.3              | 49.70 | 3.78      | 3.74 | 31.32           | 31.275 | 18                            | 19   |
| M3                  | 24/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:48  | 2               | M                | 1.00                 | 2         |                     |                       | 7.13  |      | 3.4            |      | 21.0                   |       | 49.1              |       | 3.69      |      | 31.23           |        | 19                            |      |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 26/3/2025 | Mid-Flood | Cloudy  | Low           | 9:13  | 2.5             | M                | 1.25                 | 1         | 0.077               | 179.947               | 7.13  | 7.14 | 2.97           | 2.97 | 21.4                   | 21.45 | 38.3              | 38.50 | 2.88      | 2.90 | 22.66           | 22.49  | 21                            | 23   |
| M1                  | 26/3/2025 | Mid-Flood | Cloudy  | Low           | 9:13  | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.14  | 7.14 | 2.97           | 2.97 | 21.5                   | 21.45 | 38.7              | 38.50 | 2.91      | 2.90 | 22.32           | 22.49  | 25                            | 23   |
| M2                  | 26/3/2025 | Mid-Flood | Cloudy  | Low           | 9:41  | 2.2             | M                | 1.10                 | 1         | 0.09                | 176.948               | 7.14  | 7.14 | 3.09           | 3.12 | 21.4                   | 21.45 | 38.7              | 38.85 | 2.91      | 2.92 | 22.98           | 22.925 | 23                            | 25   |
| M2                  | 26/3/2025 | Mid-Flood | Cloudy  | Low           | 9:41  | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.13  | 7.14 | 3.15           | 3.12 | 21.5                   | 21.45 | 39.0              | 38.85 | 2.93      | 2.92 | 22.87           | 22.925 | 27                            | 25   |
| M3                  | 26/3/2025 | Mid-Flood | Cloudy  | Low           | 9:52  | 2               | M                | 1.00                 | 1         | 0.08                | 176.328               | 7.16  | 7.16 | 3.63           | 3.67 | 21.4                   | 21.45 | 50.3              | 50.75 | 3.78      | 3.82 | 31.53           | 31.55  | 20                            | 20   |
| M3                  | 26/3/2025 | Mid-Flood | Cloudy  | Low           | 9:52  | 2               | M                | 1.00                 | 2         |                     |                       | 7.15  | 7.16 | 3.71           | 3.67 | 21.5                   | 21.45 | 51.2              | 50.75 | 3.85      | 3.82 | 31.57           | 31.55  | 20                            | 20   |
| M1                  | 26/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:42 | 2.5             | M                | 1.25                 | 1         | 0.058               | 327.923               | 7.12  | 7.12 | 2.69           | 2.65 | 21.5                   | 21.55 | 39.8              | 40.05 | 2.99      | 3.01 | 21.85           | 21.63  | 17                            | 18   |
| M1                  | 26/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:42 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.12  | 7.12 | 2.6            | 2.65 | 21.6                   | 21.55 | 40.3              | 40.05 | 3.03      | 3.01 | 21.41           | 21.63  | 18                            | 18   |
| M2                  | 26/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:05 | 2.3             | M                | 1.15                 | 1         | 0.061               | 307.326               | 7.13  | 7.14 | 2.85           | 2.90 | 21.5                   | 21.50 | 40.4              | 40.00 | 3.04      | 3.01 | 22.37           | 22.33  | 24                            | 24   |
| M2                  | 26/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:05 | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.15  | 7.14 | 2.94           | 2.90 | 21.5                   | 21.50 | 39.6              | 40.00 | 2.98      | 3.01 | 22.29           | 22.33  | 23                            | 24   |
| M3                  | 26/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:52 | 2               | M                | 1.00                 | 1         | 0.068               | 343.277               | 7.18  | 7.17 | 3.66           | 3.70 | 21.5                   | 21.50 | 51.2              | 51.55 | 3.85      | 3.88 | 33.32           | 33.125 | 27                            | 27   |
| M3                  | 26/3/2025 | Mid-Ebb   | Cloudy  | Low           | 14:52 | 2               | M                | 1.00                 | 2         |                     |                       | 7.16  | 7.17 | 3.73           | 3.70 | 21.5                   | 21.50 | 51.9              | 51.55 | 3.9       | 3.88 | 32.93           | 33.125 | 26                            | 27   |

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS |    |
|---------------------|------|------|------|------|----|----|
|                     | AL   | LL   | AL   | LL   | AL | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 59 | 68 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 28/3/2025 | Mid-Flood | Cloudy  | Low           | 10:17 | 2.5             | M                | 1.25                 | 1         | 0.073               | 173.27                | 7.16  | 7.15 | 3.45           | 3.44 | 20.9                   | 20.95 | 38.3              | 37.35 | 2.88      | 2.81 | 25.66           | 25.52  | 36                            | 47   |
| M1                  | 28/3/2025 | Mid-Flood | Cloudy  | Low           | 10:17 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.14  |      | 3.42           |      | 21                     |       | 36.4              |       | 2.74      |      | 25.38           |        | 58                            |      |
| M2                  | 28/3/2025 | Mid-Flood | Cloudy  | Low           | 10:42 | 2.2             | M                | 1.10                 | 1         | 0.093               | 176.522               | 7.12  | 7.12 | 3.55           | 3.57 | 20.9                   | 20.95 | 38.7              | 38.90 | 2.91      | 2.93 | 26.87           | 26.915 | 70                            | 57   |
| M2                  | 28/3/2025 | Mid-Flood | Cloudy  | Low           | 10:42 | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.12  |      | 3.59           |      | 21                     |       | 39.1              |       | 2.94      |      | 26.96           |        | 44                            |      |
| M3                  | 28/3/2025 | Mid-Flood | Cloudy  | Low           | 10:51 | 2               | M                | 1.00                 | 1         | 0.084               | 170.311               | 7.21  | 7.22 | 3.94           | 3.91 | 20.9                   | 20.95 | 49.1              | 49.55 | 3.69      | 3.73 | 32.83           | 32.645 | 31                            | 30   |
| M3                  | 28/3/2025 | Mid-Flood | Cloudy  | Low           | 10:51 | 2               | M                | 1.00                 | 2         |                     |                       | 7.23  |      | 3.88           |      | 21                     |       | 50.0              |       | 3.76      |      | 32.46           |        | 28                            |      |
| M1                  | 28/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:28 | 2.5             | M                | 1.25                 | 1         | 0.067               | 328.177               | 7.11  | 7.10 | 3.31           | 3.28 | 21.1                   | 21.10 | 38.8              | 38.90 | 2.92      | 2.93 | 24.89           | 24.715 | 35                            | 38   |
| M1                  | 28/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:28 | 2.5             | M                | 1.25                 | 2         |                     |                       | 7.09  |      | 3.24           |      | 21.1                   |       | 39.0              |       | 2.93      |      | 24.54           |        | 40                            |      |
| M2                  | 28/3/2025 | Mid-Ebb   | Cloudy  | Low           | 15:56 | 2.3             | M                | 1.15                 | 1         | 0.079               | 331.649               | 7.12  | 7.12 | 3.27           | 3.23 | 21.1                   | 21.10 | 39.0              | 38.30 | 2.93      | 2.88 | 23.23           | 23.045 | 34                            | 50   |
| M2                  | 28/3/2025 | Mid-Ebb   | Cloudy  | Low           | 15:56 | 2.3             | M                | 1.15                 | 2         |                     |                       | 7.12  |      | 3.18           |      | 21.1                   |       | 37.6              |       | 2.83      |      | 22.86           |        | 66                            |      |
| M3                  | 28/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:36 | 2               | M                | 1.00                 | 1         | 0.071               | 301.599               | 7.17  | 7.16 | 4.11           | 4.09 | 21.1                   | 21.10 | 50.7              | 50.40 | 3.81      | 3.79 | 31.75           | 31.55  | 51                            | 56   |
| M3                  | 28/3/2025 | Mid-Ebb   | Cloudy  | Low           | 16:36 | 2               | M                | 1.00                 | 2         |                     |                       | 7.15  |      | 4.07           |      | 21.1                   |       | 50.1              |       | 3.77      |      | 31.35           |        | 60                            |      |

Remark

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2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS   |        |
|---------------------|------|------|------|------|------|--------|
|                     | AL   | LL   | AL   | LL   | AL   | LL     |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 63.3 | 68.575 |

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing  
Water Quality Monitoring Results

| Monitoring Location | Date      | Tide Mode | Weather | Sea Condition | Time  | Water Depth (m) | Monitoring Level | Monitoring Level (m) | Replicate | In-situ Measurement |                       |       |      |                |      |                        |       |                   |       |           |      |                 |        | Laboratory Analysis           |      |
|---------------------|-----------|-----------|---------|---------------|-------|-----------------|------------------|----------------------|-----------|---------------------|-----------------------|-------|------|----------------|------|------------------------|-------|-------------------|-------|-----------|------|-----------------|--------|-------------------------------|------|
|                     |           |           |         |               |       |                 |                  |                      |           | Current Speed (m/s) | Current Direction (°) | pH    |      | Salinity (ppt) |      | Temperature (degree C) |       | DO Saturation (%) |       | DO (mg/L) |      | Turbidity (NTU) |        | Total Suspended Solids (mg/L) |      |
|                     |           |           |         |               |       |                 |                  |                      |           |                     |                       | Value | Ave. | Value          | Ave. | Value                  | Ave.  | Value             | Ave.  | Value     | Ave. | Value           | Ave.   | Value                         | Ave. |
| M1                  | 31/3/2025 | Mid-Flood | Cloudy  | Low           | 12:03 | 2.6             | M                | 1.30                 | 1         | 0.079               | 174.246               | 7.09  | 7.09 | 3.21           | 3.19 | 21.1                   | 21.10 | 37.9              | 37.05 | 2.85      | 2.79 | 20.13           | 20.13  | 36                            | 39   |
| M1                  | 31/3/2025 | Mid-Flood | Cloudy  | Low           | 12:03 | 2.6             | M                | 1.30                 | 2         |                     |                       | 7.08  | 7.09 | 3.17           | 3.19 | 21.1                   | 21.10 | 36.2              | 37.05 | 2.72      | 2.79 | 20.13           | 20.13  | 42                            | 44   |
| M2                  | 31/3/2025 | Mid-Flood | Cloudy  | Low           | 12:36 | 2.2             | M                | 1.10                 | 1         | 0.095               | 186.882               | 7.11  | 7.11 | 3.13           | 3.12 | 21.1                   | 21.10 | 38.3              | 38.45 | 2.88      | 2.89 | 21.84           | 21.785 | 44                            | 50   |
| M2                  | 31/3/2025 | Mid-Flood | Cloudy  | Low           | 12:36 | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.11  | 7.11 | 3.1            | 3.12 | 21.1                   | 21.10 | 38.6              | 38.45 | 2.9       | 2.89 | 21.73           | 21.785 | 55                            | 55   |
| M3                  | 31/3/2025 | Mid-Flood | Cloudy  | Low           | 12:51 | 2               | M                | 1.00                 | 1         | 0.075               | 170.765               | 7.16  | 7.16 | 3.69           | 3.68 | 21.1                   | 21.15 | 49.1              | 48.75 | 3.69      | 3.67 | 30.60           | 30.64  | 40                            | 42   |
| M3                  | 31/3/2025 | Mid-Flood | Cloudy  | Low           | 12:51 | 2               | M                | 1.00                 | 2         |                     |                       | 7.15  | 7.16 | 3.66           | 3.68 | 21.2                   | 21.15 | 48.4              | 48.75 | 3.64      | 3.67 | 30.68           | 30.64  | 44                            | 44   |
| M1                  | 31/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:32  | 2.4             | M                | 1.20                 | 1         | 0.076               | 318.223               | 7.07  | 7.07 | 3.03           | 3.02 | 21.3                   | 21.35 | 36.7              | 36.45 | 2.76      | 2.74 | 19.93           | 19.9   | 46                            | 47   |
| M1                  | 31/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:32  | 2.4             | M                | 1.20                 | 2         |                     |                       | 7.07  | 7.07 | 3              | 3.02 | 21.4                   | 21.35 | 36.2              | 36.45 | 2.72      | 2.74 | 19.87           | 19.9   | 48                            | 48   |
| M2                  | 31/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:03  | 2.2             | M                | 1.10                 | 1         | 0.074               | 331.821               | 7.05  | 7.04 | 2.91           | 2.93 | 21.3                   | 21.30 | 37.0              | 37.25 | 2.79      | 2.81 | 18.93           | 19.01  | 54                            | 55   |
| M2                  | 31/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:03  | 2.2             | M                | 1.10                 | 2         |                     |                       | 7.03  | 7.04 | 2.94           | 2.93 | 21.3                   | 21.30 | 37.5              | 37.25 | 2.82      | 2.81 | 19.09           | 19.01  | 55                            | 55   |
| M3                  | 31/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:49  | 2               | M                | 1.00                 | 1         | 0.058               | 302.711               | 7.11  | 7.12 | 3.54           | 3.52 | 21.3                   | 21.30 | 49.3              | 49.05 | 3.71      | 3.69 | 29.06           | 29.11  | 49                            | 50   |
| M3                  | 31/3/2025 | Mid-Ebb   | Cloudy  | Low           | 8:49  | 2               | M                | 1.00                 | 2         |                     |                       | 7.12  | 7.12 | 3.5            | 3.52 | 21.3                   | 21.30 | 48.8              | 49.05 | 3.67      | 3.69 | 29.16           | 29.11  | 51                            | 50   |

Remark

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2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

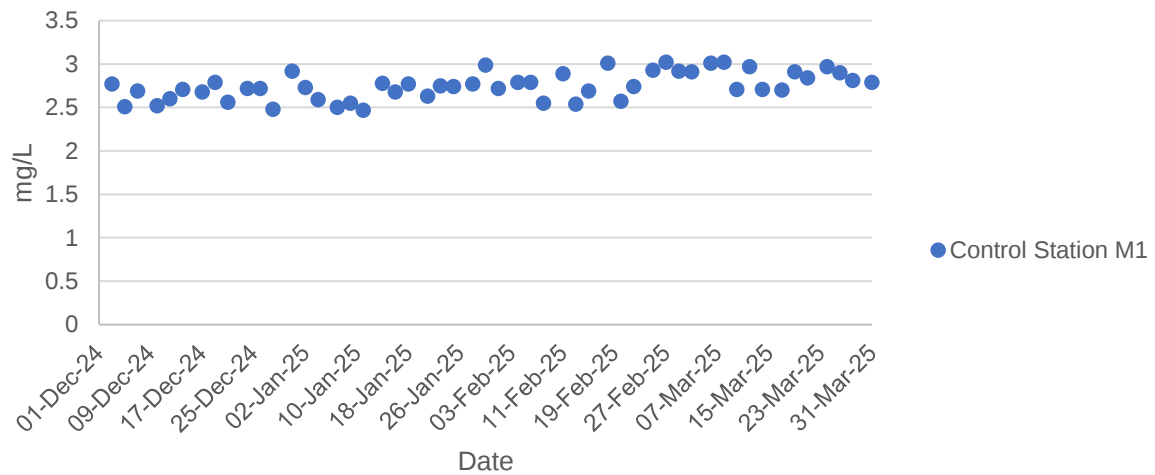
For Flood Tide

| Monitoring Location | DO   |      | NTU  |      | SS  |     |
|---------------------|------|------|------|------|-----|-----|
|                     | AL   | LL   | AL   | LL   | AL  | LL  |
| M2(Impact Station)  | 1.88 | 1.79 | 43.0 | 52.4 | 81  | 112 |
| M3(Impact Station)  | 3.28 | 3.14 | 74   | 78   | 104 | 167 |

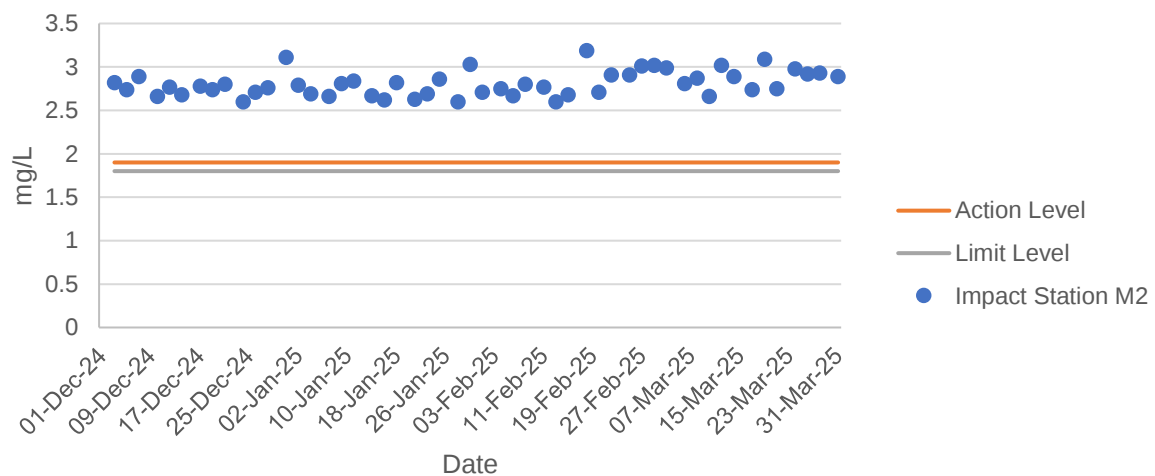
For Ebb Tide

| Monitoring Location | DO   |      | NTU  |      | SS   |    |
|---------------------|------|------|------|------|------|----|
|                     | AL   | LL   | AL   | LL   | AL   | LL |
| M1(Impact Station)  | 2.25 | 1.91 | 48.4 | 50.4 | 62.7 | 68 |

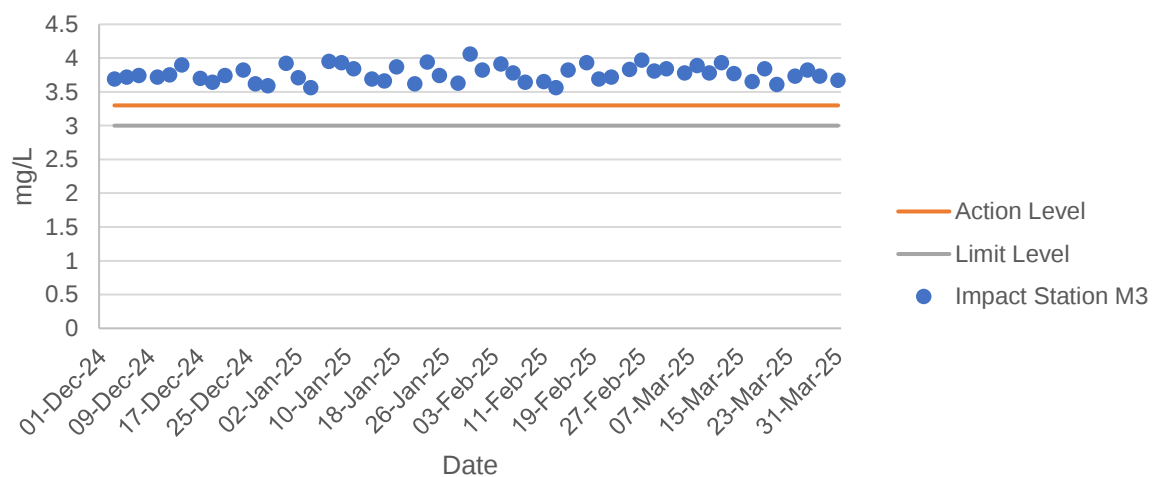
## Dissolved Oxygen at Mid-Flood Tide



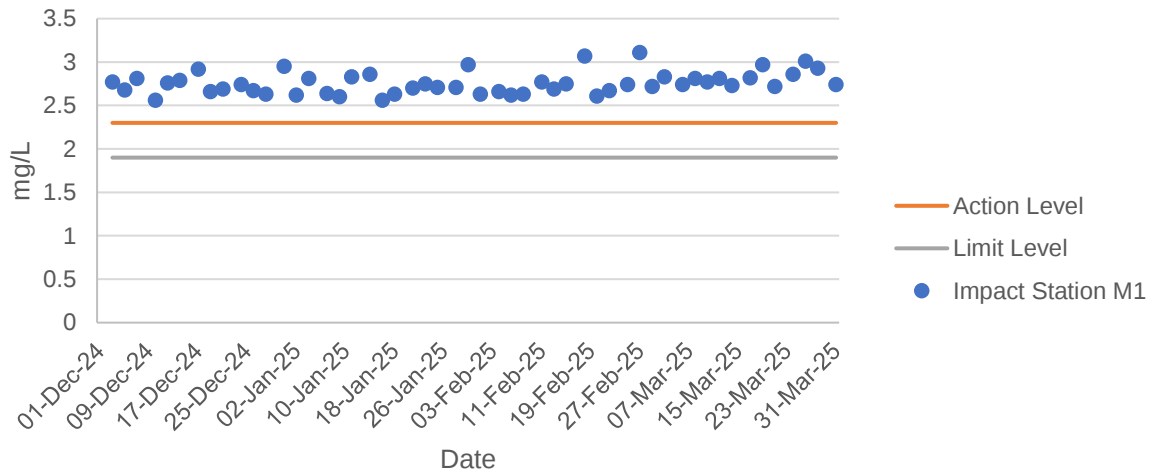
## Dissolved Oxygen at Mid-Flood Tide



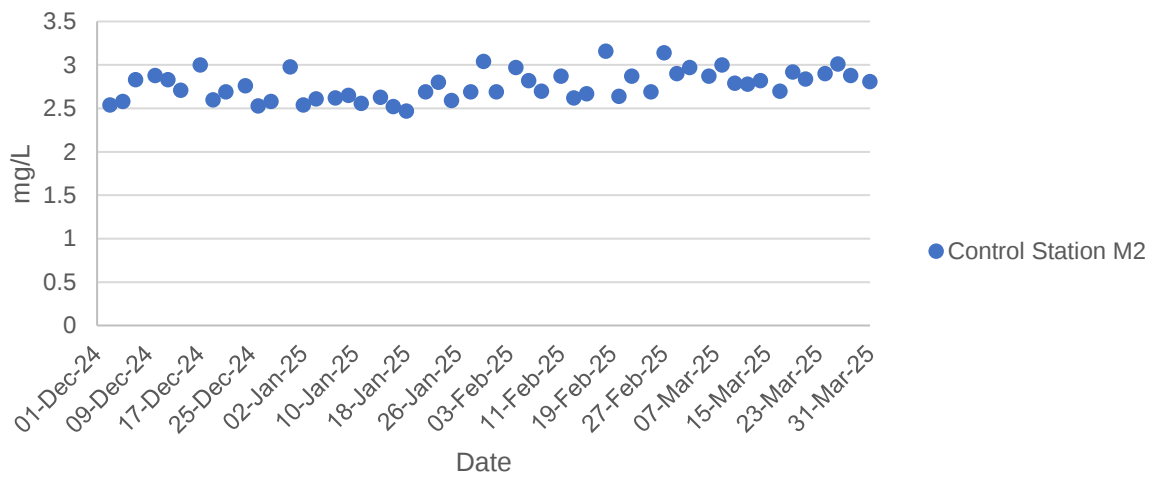
## Dissolved Oxygen at Mid-Flood Tide



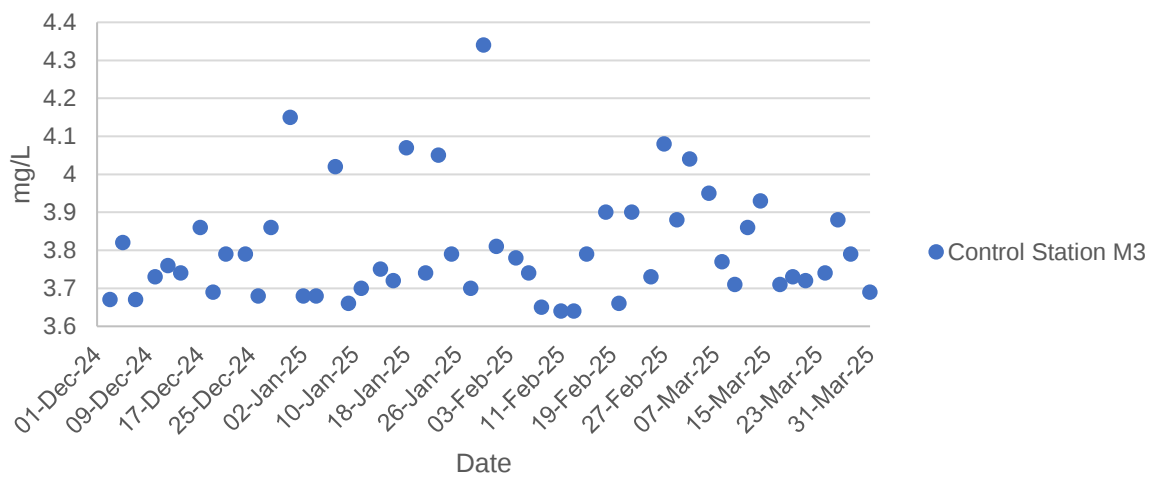
## Dissolved Oxygen at Mid-Ebb Tide



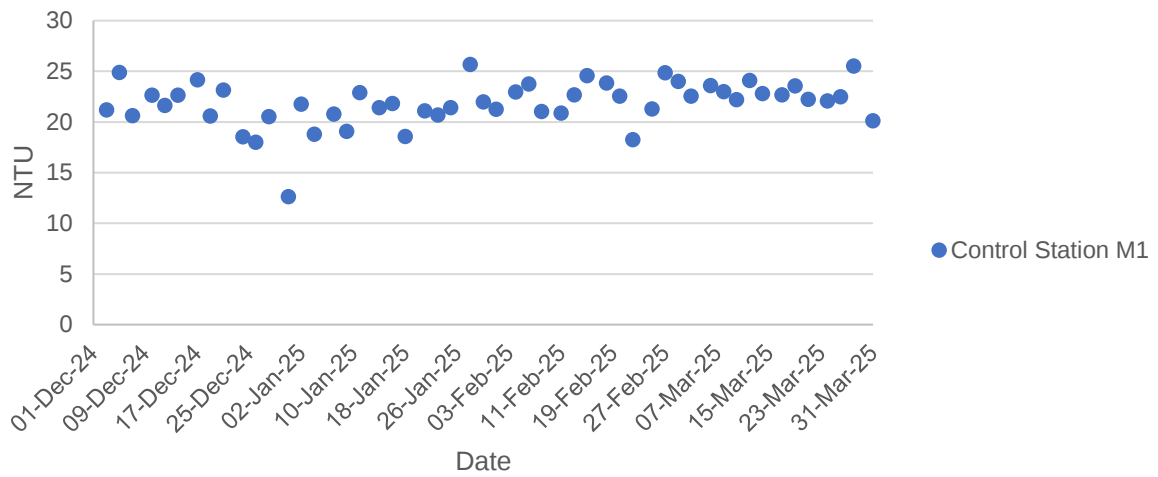
## Dissolved Oxygen at Mid-Ebb Tide



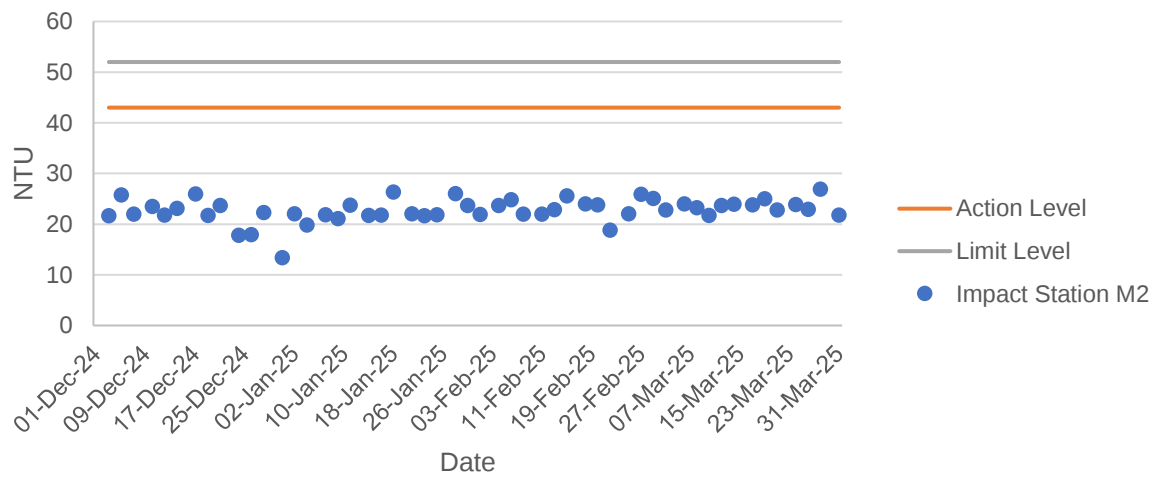
## Dissolved Oxygen at Mid-Ebb Tide



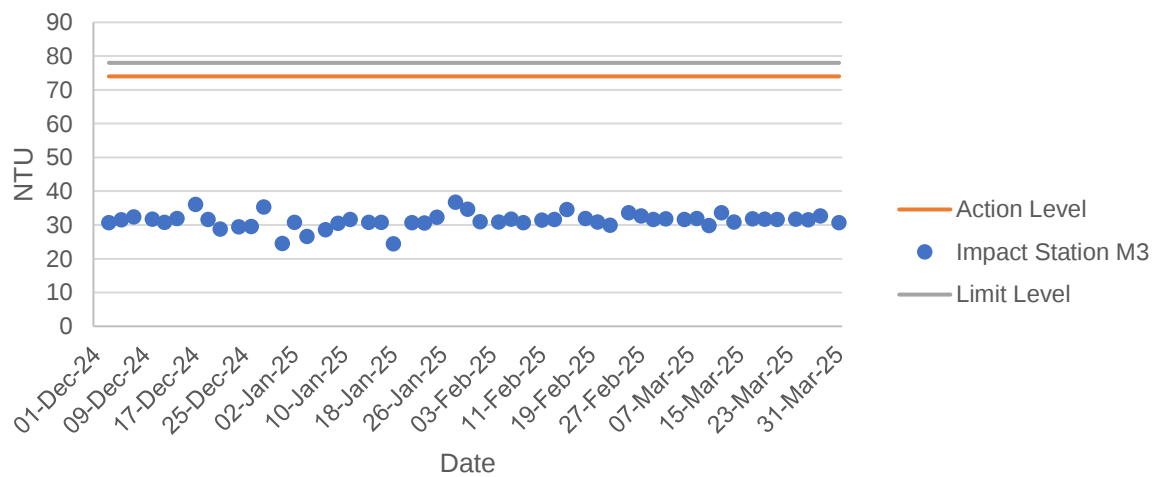
### Turbidity at Mid-Flood Tide



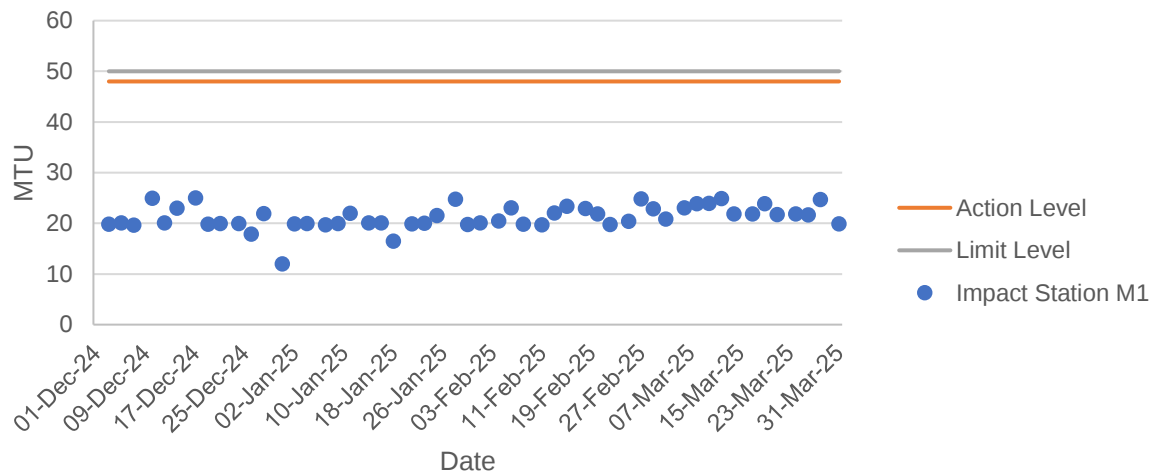
### Turbidity at Mid-Flood Tide



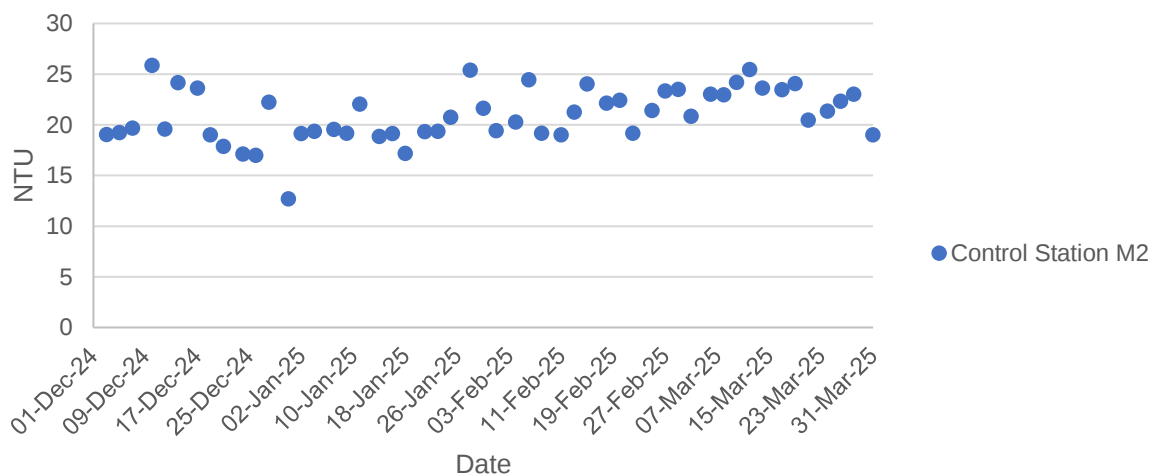
### Turbidity at Mid-Flood Tide



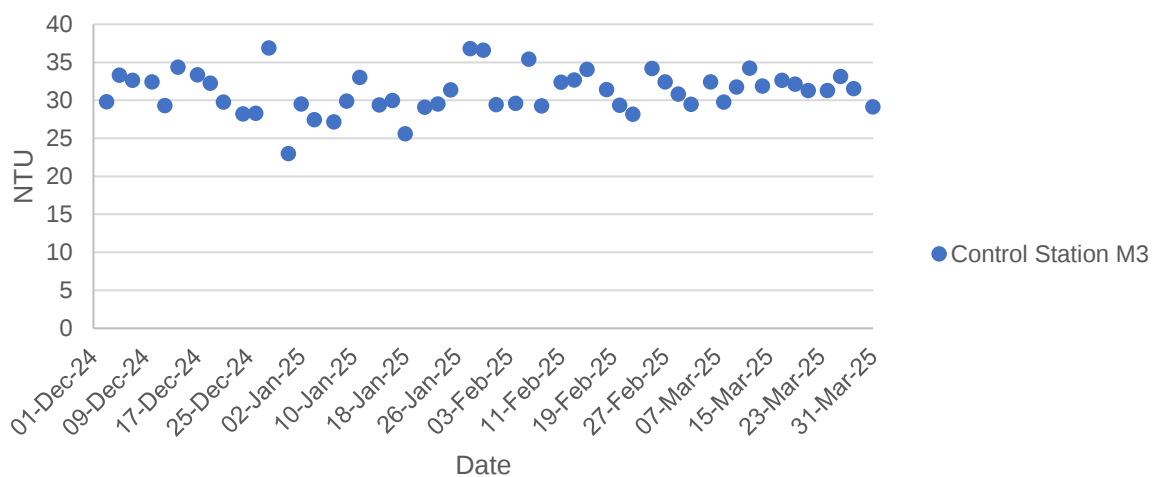
## Turbidity at Mid-Ebb Tide



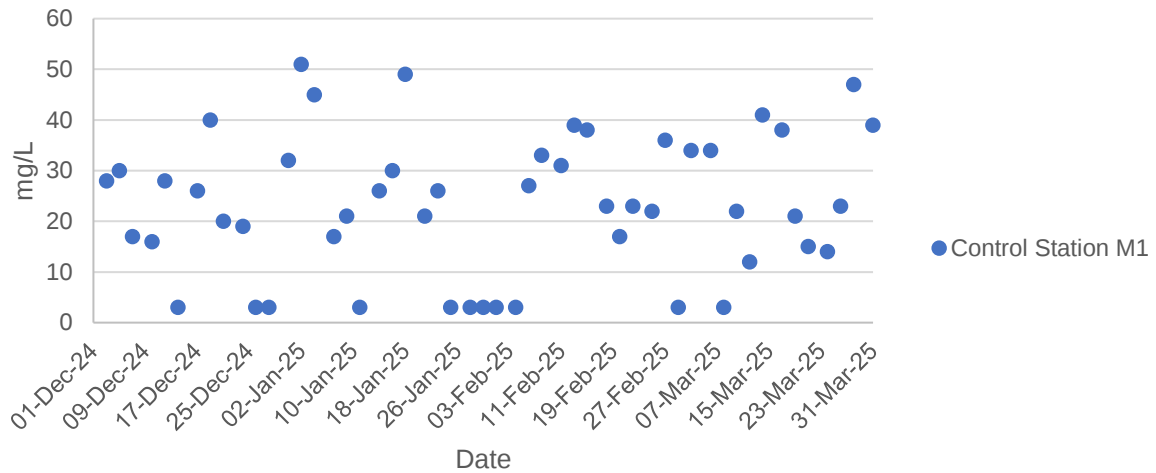
## Turbidity at Mid-Ebb Tide



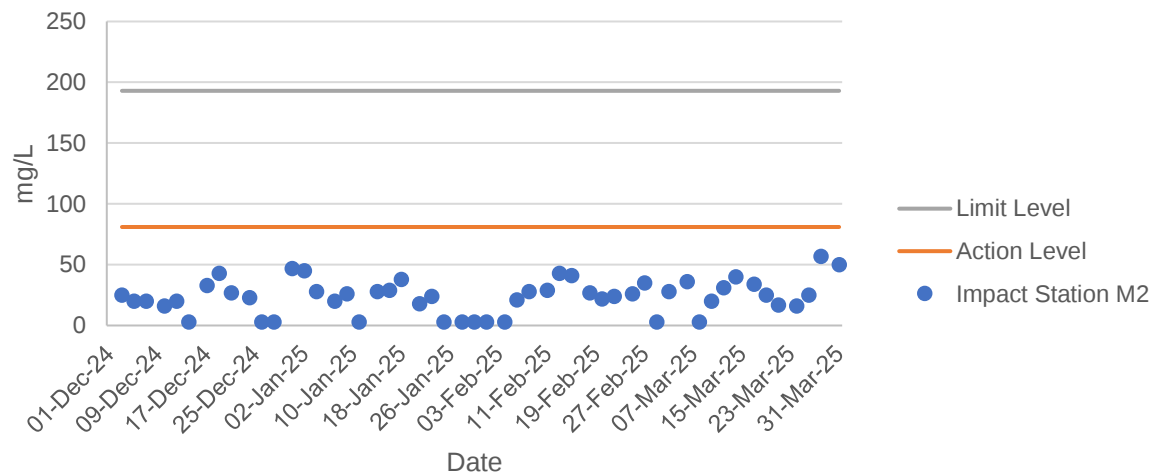
## Turbidity at Mid-Ebb Tide



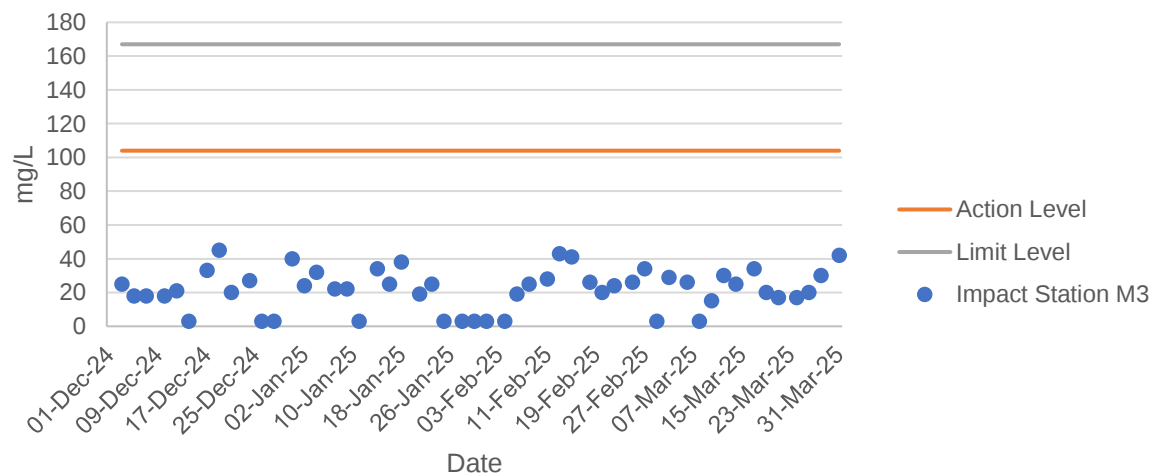
## Total Suspended Solids at Mid-Flood Tide



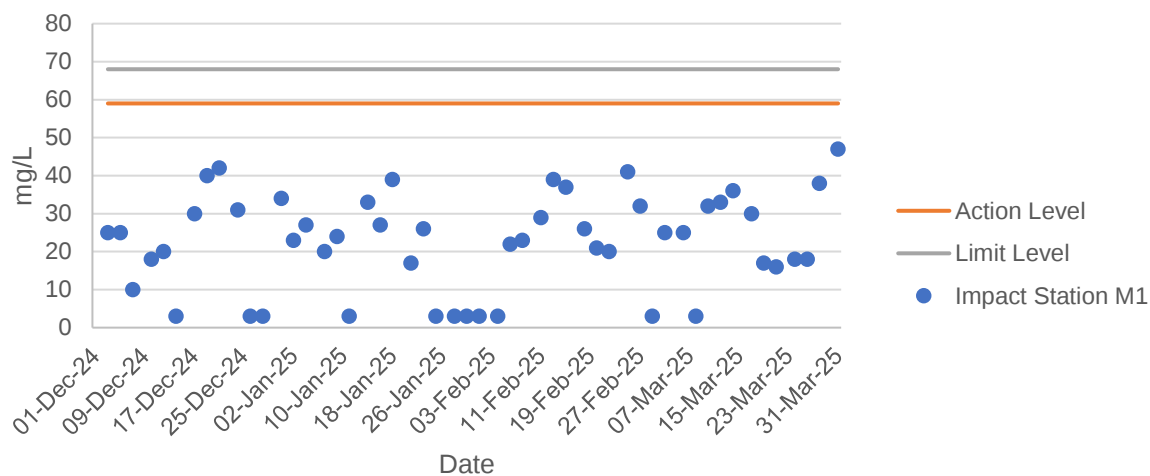
## Total Suspended Solids at Mid-Flood Tide



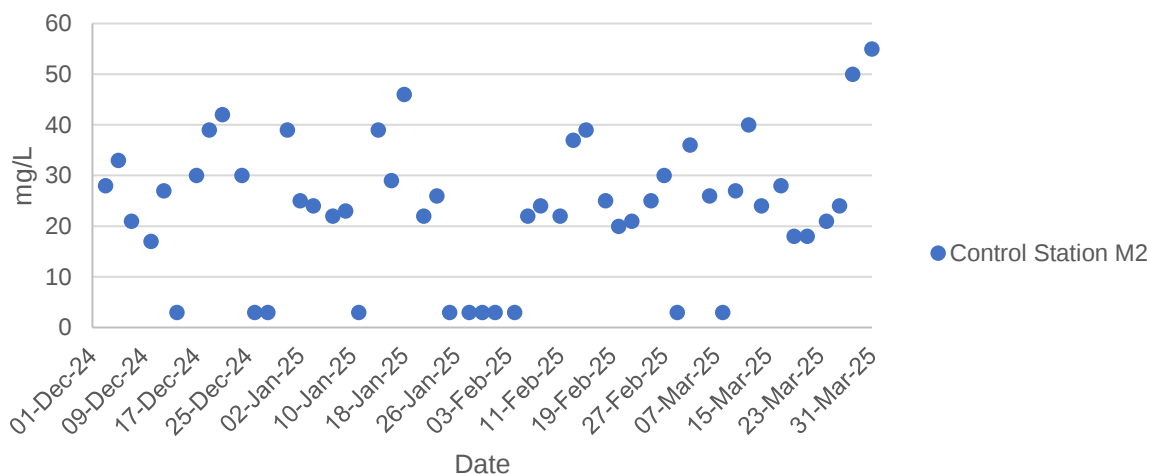
## Total Suspended Solids at Mid-Flood Tide



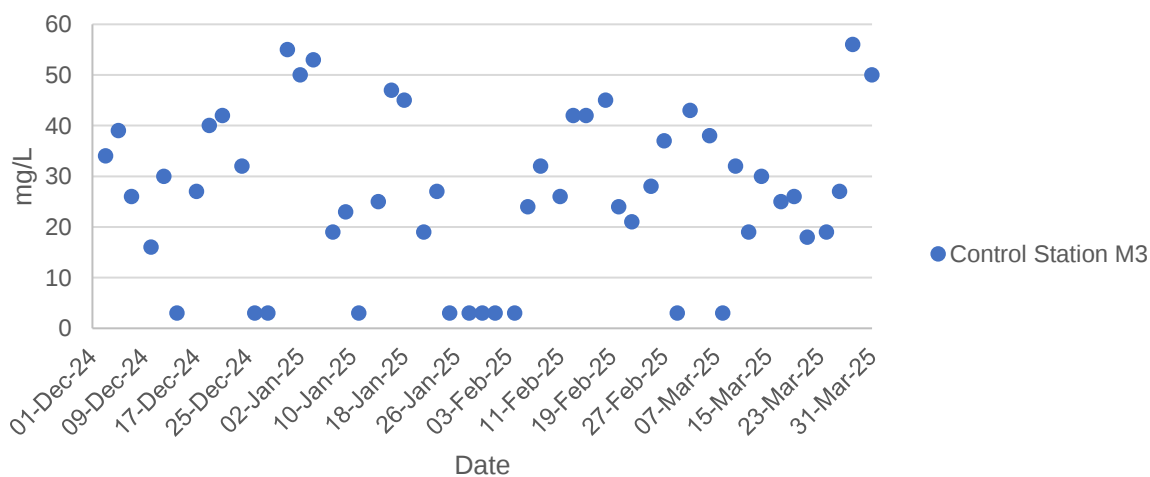
## Total Suspended Solids at Mid-Ebb Tide



## Total Suspended Solids at Mid-Ebb Tide



## Total Suspended Solids at Mid-Ebb Tide



Ecology Monitoring Results for

Contract No. SPW 02/2023

Environmental Team for Construction of Yuen long  
Effluent Polishing Plant Stage 1

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name                | Scientific Name                      | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|------|---------------------------|-----------------------------------------|----------------------------|--------------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW1                                    | Little Grebe               | <i>Tachybaptus<br/>ruficollis</i>    | 3         | Common                                    | R                                | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW1                                    | Little Egret               | <i>Egretta garzetta</i>              | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW1                                    | Spotted Dove               | <i>Spilopelia<br/>chinensis</i>      | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW1                                    | Large-billed Crow          | <i>Corvus<br/>macrorhynchos</i>      | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW1                                    | Black-collared<br>Starling | <i>Gracupica<br/>nigricollis</i>     | 3         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW1                                    | Stejneger's<br>Stonechat   | <i>Saxicola stejnegeri</i>           | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW1                                    | White Wagtail              | <i>Motacilla alba</i>                | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW2                                    | Black Kite                 | <i>Milvus migrans</i>                | 1         | Common                                    | R,WV                             | (RC)                             | Class II                                      | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW2                                    | Spotted Dove               | <i>Spilopelia<br/>chinensis</i>      | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW2                                    | House Swift                | <i>Apus nipalensis</i>               | 6         | Abundant,<br>Common                       | SpM,R                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW2                                    | Crested Myna               | <i>Acridotheres<br/>cristatellus</i> | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW2                                    | Richard's Pipit            | <i>Anthus richardi</i>               | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW3                                    | Little Grebe               | <i>Tachybaptus<br/>ruficollis</i>    | 4         | Common                                    | R                                | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW3                                    | Grey Heron                 | <i>Ardea cinerea</i>                 | 1         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW3                                    | Little Egret               | <i>Egretta garzetta</i>              | 2         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW3                                    | Black-winged stilt         | <i>Himantopus<br/>himantopus</i>     | 1         | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW3                                    | Chestnut Bulbul            | <i>Hemixos<br/>castanonotus</i>      | 2         | Common                                    | R,W                              | -                                | -                                             | -                                   | -                                                  | -                                        | -                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Little Grebe               | <i>Tachybaptus<br/>ruficollis</i>    | 2         | Common                                    | R                                | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Chinese Pond<br>Heron      | <i>Ardeola bacchus</i>               | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Great Cormorant            | <i>Phalacrocorax<br/>carbo</i>       | 2         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | White-breasted<br>Waterhen | <i>Amauornis<br/>phoenicurus</i>     | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Common Moorhen             | <i>Gallinula chloropus</i>           | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Spotted Dove               | <i>Spilopelia<br/>chinensis</i>      | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Greater Coucal             | <i>Centropus sinensis</i>            | 1         | Common                                    | R                                | -                                | Class II                                      | VU                                  | LC                                                 | LC                                       | Y                                        | N                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name             | Scientific Name                   | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|------|---------------------------|-----------------------------------------|-------------------------|-----------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Chinese Bulbul          | <i>Pycnonotus sinensis</i>        | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Dusky Warbler           | <i>Phylloscopus fuscatus</i>      | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Plain Prinia            | <i>Prinia inornata</i>            | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Crested Myna            | <i>Acridotheres cristatellus</i>  | 14        | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Black-collared Starling | <i>Gracupica nigricollis</i>      | 7         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Stejneger's Stonechat   | <i>Saxicola stejnegeri</i>        | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | White Wagtail           | <i>Motacilla alba</i>             | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW4                                    | Black-faced Bunting     | <i>Emberiza spodocephala</i>      | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Little Grebe            | <i>Tachybaptus ruficollis</i>     | 2         | Common                                    | R                                | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Chinese Pond Heron      | <i>Ardeola bacchus</i>            | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Grey Heron              | <i>Ardea cinerea</i>              | 2         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Great Cormorant         | <i>Phalacrocorax carbo</i>        | 24        | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | White-breasted Waterhen | <i>Amauornis phoenicurus</i>      | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Eurasian Collared Dove  | <i>Streptopelia decaocto</i>      | 2         | Common                                    | -                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Spotted Dove            | <i>Spilopelia chinensis</i>       | 1         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Asian Koel              | <i>Eudynamys scolopaceus</i>      | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Red-whiskered Bulbul    | <i>Pycnonotus jocosus</i>         | 4         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Chinese Bulbul          | <i>Pycnonotus sinensis</i>        | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Dusky Warbler           | <i>Phylloscopus fuscatus</i>      | 3         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Yellow-bellied Prinia   | <i>Prinia flaviventris</i>        | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Plain Prinia            | <i>Prinia inornata</i>            | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Masked Laughingthrush   | <i>Pterorhinus perspicillatus</i> | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Swinhoe's White-eye     | <i>Zosterops simplex</i>          | 6         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Common Myna             | <i>Acridotheres tristis</i>       | 3         | Uncommon                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name             | Scientific Name                   | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|------|---------------------------|-----------------------------------------|-------------------------|-----------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Black-collared Starling | <i>Gracupica nigricollis</i>      | 4         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Oriental Magpie Robin   | <i>Copsychus saularis</i>         | 1         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Eastern Yellow Wagtail  | <i>Motacilla tschutschensis</i>   | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | White Wagtail           | <i>Motacilla alba</i>             | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Olive-backed Pipit      | <i>Anthus hodgsoni</i>            | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW5                                    | Manchurian Bush Warbler | <i>Horornis canturians</i>        | 1         | Uncommon                                  | W                                | -                                | -                                             | -                                   | -                                                  | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Tufted Duck             | <i>Aythya fuligula</i>            | 53        | Uncommon                                  | WV                               | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Little Grebe            | <i>Tachybaptus ruficollis</i>     | 2         | Common                                    | R                                | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Black-faced Spoonbill   | <i>Platalea minor</i>             | 2         | Common                                    | WV                               | PGC                              | Class II                                      | EN                                  | EN                                                 | EN                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Chinese Pond Heron      | <i>Ardeola bacchus</i>            | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Grey Heron              | <i>Ardea cinerea</i>              | 3         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Great Egret             | <i>Ardea alba</i>                 | 2         | Common                                    | R,WV                             | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Little Egret            | <i>Egretta garzetta</i>           | 2         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Great Cormorant         | <i>Phalacrocorax carbo</i>        | 2         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Black-winged stilt      | <i>Himantopus himantopus</i>      | 2         | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Pied Avocet             | <i>Recurvirostra avosetta</i>     | 7         | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Wood Sandpiper          | <i>Tringa glareola</i>            | 1         | Common                                    | PM,WV                            | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Common Greenshank       | <i>Tringa nebularia</i>           | 2         | Abundant                                  | PM,WV                            | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Black-headed Gull       | <i>Chroicocephalus ridibundus</i> | 2         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Plain Prinia            | <i>Prinia inornata</i>            | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Black-collared Starling | <i>Gracupica nigricollis</i>      | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW6                                    | Stejneger's Stonechat   | <i>Saxicola stejnegeri</i>        | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Chinese Pond Heron      | <i>Ardeola bacchus</i>            | 2         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Eastern Cattle Egret    | <i>Bubulcus coromandus</i>        | 4         | Common                                    | R.PM                             | (LC)                             | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name                  | Scientific Name                   | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|------|---------------------------|-----------------------------------------|------------------------------|-----------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Great Egret                  | <i>Ardea alba</i>                 | 1         | Common                                    | R,WV                             | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Little Egret                 | <i>Egretta garzetta</i>           | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | White-breasted<br>Waterhen   | <i>Amaurornis<br/>phoenicurus</i> | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Eurasian Collared<br>Dove    | <i>Streptopelia<br/>decaocto</i>  | 1         | Common                                    | -                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Spotted Dove                 | <i>Spilopelia<br/>chinensis</i>   | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Greater Coucal               | <i>Centropus sinensis</i>         | 1         | Common                                    | R                                | -                                | Class II                                      | VU                                  | LC                                                 | LC                                       | Y                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Asian Koel                   | <i>Eudynamys<br/>scolopaceus</i>  | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | White-throated<br>Kingfisher | <i>Halcyon<br/>smyrnensis</i>     | 1         | Common                                    | R                                | (LC)                             | Class II                                      | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Azure-winged<br>Magpie       | <i>Cyanopica cyanus</i>           | 20        | Introduced                                | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Red-whiskered<br>Bulbul      | <i>Pycnonotus<br/>jocosus</i>     | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Yellow-browed<br>Warbler     | <i>Phylloscopus<br/>inornatus</i> | 1         | Common                                    | WV,Sp                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Dusky Warbler                | <i>Phylloscopus<br/>fuscatus</i>  | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Red-billed Starling          | <i>Spodiopsar<br/>sericeus</i>    | 12        | Common                                    | WV                               | GC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Black-collared<br>Starling   | <i>Gracupica<br/>nigricollis</i>  | 13        | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Oriental Magpie<br>Robin     | <i>Copsychus<br/>sauralis</i>     | 1         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | Eurasian Tree<br>Sparrow     | <i>Passer montanus</i>            | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Point Count               | FLW7                                    | White Wagtail                | <i>Motacilla alba</i>             | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Chinese Pond<br>Heron        | <i>Ardeola bacchus</i>            | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Great Egret                  | <i>Ardea alba</i>                 | 3         | Common                                    | R,WV                             | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Little Egret                 | <i>Egretta garzetta</i>           | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Great Cormorant              | <i>Phalacrocorax<br/>carbo</i>    | 48        | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | White-breasted<br>Waterhen   | <i>Amaurornis<br/>phoenicurus</i> | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Black-winged stilt           | <i>Himantopus<br/>himantopus</i>  | 9         | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Spotted Dove                 | <i>Spilopelia<br/>chinensis</i>   | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name               | Scientific Name                   | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|------|---------------------------|-----------------------------------------|---------------------------|-----------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Asian Koel                | <i>Eudynamys scolopaceus</i>      | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Common Kingfisher         | <i>Alcedo atthis</i>              | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Red-whiskered Bulbul      | <i>Pycnonotus jocosus</i>         | 6         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Yellow-bellied Prinia     | <i>Prinia flaviventris</i>        | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Plain Prinia              | <i>Prinia inornata</i>            | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Masked Laughingthrush     | <i>Pterorhinus perspicillatus</i> | 9         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Black-collared Starling   | <i>Gracupica nigricollis</i>      | 6         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Daurian Redstart          | <i>Phoenicurus aureus</i>         | 1         | Common                                    | WV                               | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | Eurasian Tree Sparrow     | <i>Passer montanus</i>            | 8         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | NSW1                                    | White Wagtail             | <i>Motacilla alba</i>             | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Chinese Pond Heron        | <i>Ardeola bacchus</i>            | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Little Egret              | <i>Egretta garzetta</i>           | 2         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | White-breasted Waterhen   | <i>Amauornis phoenicurus</i>      | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Black-winged stilt        | <i>Himantopus himantopus</i>      | 22        | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Pied Avocet               | <i>Recurvirostra avosetta</i>     | 8         | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Black-headed Gull         | <i>Chroicocephalus ridibundus</i> | 22        | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Greater Coucal            | <i>Centropus sinensis</i>         | 1         | Common                                    | R                                | -                                | Class II                                      | VU                                  | LC                                                 | LC                                       | Y                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Asian Koel                | <i>Eudynamys scolopaceus</i>      | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | White-throated Kingfisher | <i>Halcyon smyrnensis</i>         | 1         | Common                                    | R                                | (LC)                             | Class II                                      | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Red-whiskered Bulbul      | <i>Pycnonotus jocosus</i>         | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Yellow-browed Warbler     | <i>Phylloscopus inornatus</i>     | 1         | Common                                    | WV,Sp                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Dusky Warbler             | <i>Phylloscopus fuscatus</i>      | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Masked Laughingthrush     | <i>Pterorhinus perspicillatus</i> | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Swinhoe's White-eye       | <i>Zosterops simplex</i>          | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name             | Scientific Name                  | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|------|---------------------------|-----------------------------------------|-------------------------|----------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Crested Myna            | <i>Acridotheres cristatellus</i> | 5         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Oriental Magpie Robin   | <i>Copsychus saularis</i>        | 1         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | White Wagtail           | <i>Motacilla alba</i>            | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW1                                 | Olive-backed Pipit      | <i>Anthus hodgsoni</i>           | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Northern Shoveler       | <i>Spatula clypeata</i>          | 3         | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Chinese Pond Heron      | <i>Ardeola bacchus</i>           | 7         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Grey Heron              | <i>Ardea cinerea</i>             | 2         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Great Egret             | <i>Ardea alba</i>                | 2         | Common                                    | R,WV                             | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Little Egret            | <i>Egretta garzetta</i>          | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Black Kite              | <i>Milvus migrans</i>            | 1         | Common                                    | R,WV                             | (RC)                             | Class II                                      | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | White-breasted Waterhen | <i>Amauornis phoenicurus</i>     | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Common Moorhen          | <i>Gallinula chloropus</i>       | 5         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Black-winged stilt      | <i>Himantopus himantopus</i>     | 6         | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Little Ringed Plover    | <i>Charadrius dubius</i>         | 1         | Common                                    | WV,PM                            | (LC)                             | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Common Redshank         | <i>Tringa totanus</i>            | 4         | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Common Greenshank       | <i>Tringa nebularia</i>          | 2         | Abundant                                  | PM,WV                            | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Eurasian Collared Dove  | <i>Streptopelia decaocto</i>     | 1         | Common                                    | -                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Spotted Dove            | <i>Spilopelia chinensis</i>      | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Red-whiskered Bulbul    | <i>Pycnonotus jocosus</i>        | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Dusky Warbler           | <i>Phylloscopus fuscatus</i>     | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | Eastern Yellow Wagtail  | <i>Motacilla tschutschensis</i>  | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW2                                 | White Wagtail           | <i>Motacilla alba</i>            | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Northern Shoveler       | <i>Spatula clypeata</i>          | 18        | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Eurasian Wigeon         | <i>Mareca penelope</i>           | 14        | Common                                    | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name               | Scientific Name                   | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|------|---------------------------|-----------------------------------------|---------------------------|-----------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Eurasian Teal             | <i>Anas crecca</i>                | 13        | Common                                    | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Chinese Pond Heron        | <i>Ardeola bacchus</i>            | 2         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Grey Heron                | <i>Ardea cinerea</i>              | 1         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Great Egret               | <i>Ardea alba</i>                 | 2         | Common                                    | R,WV                             | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Great Cormorant           | <i>Phalacrocorax carbo</i>        | 6         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | White-breasted Waterhen   | <i>Amaurornis phoenicurus</i>     | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Common Moorhen            | <i>Gallinula chloropus</i>        | 3         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Black-winged stilt        | <i>Himantopus himantopus</i>      | 14        | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Pied Avocet               | <i>Recurvirostra avosetta</i>     | 56        | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Common Redshank           | <i>Tringa totanus</i>             | 9         | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Common Greenshank         | <i>Tringa nebularia</i>           | 2         | Abundant                                  | PM,WV                            | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Black-headed Gull         | <i>Chroicocephalus ridibundus</i> | 36        | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW  | Point Count               | SP/NSW3                                 | Japanese Tit              | <i>Parus minor</i>                | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Northern Shoveler         | <i>Spatula clypeata</i>           | 2         | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Little Grebe              | <i>Tachybaptus ruficollis</i>     | 2         | Common                                    | R                                | LC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Little Egret              | <i>Egretta garzetta</i>           | 3         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Great Cormorant           | <i>Phalacrocorax carbo</i>        | 14        | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Common Moorhen            | <i>Gallinula chloropus</i>        | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Eurasian Coot             | <i>Fulica atra</i>                | 4         | Uncommon                                  | W                                | RC                               | -                                             | -                                   | -                                                  | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Spotted Dove              | <i>Spilopelia chinensis</i>       | 1         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Greater Coucal            | <i>Centropus sinensis</i>         | 2         | Common                                    | R                                | -                                | Class II                                      | VU                                  | LC                                                 | LC                                       | Y                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | White-throated Kingfisher | <i>Halcyon smyrnensis</i>         | 1         | Common                                    | R                                | (LC)                             | Class II                                      | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Pied Kingfisher           | <i>Ceryle rudis</i>               | 1         | Uncommon                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW  | Transect                  | FLW                                     | Black Drongo              | <i>Dicrurus macrocercus</i>       | 2         | Common                                    | SV                               | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area        | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name                  | Scientific Name                       | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|-------------|---------------------------|-----------------------------------------|------------------------------|---------------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | Azure-winged<br>Magpie       | <i>Cyanopica cyanus</i>               | 13        | Introduced                                | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | Large-billed Crow            | <i>Corvus<br/>macrorhynchos</i>       | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | Yellow-browed<br>Warbler     | <i>Phylloscopus<br/>inornatus</i>     | 1         | Common                                    | WV,Sp                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | Plain Prinia                 | <i>Prinia inornata</i>                | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | Crested Myna                 | <i>Acridotheres<br/>cristatellus</i>  | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | Black-collared<br>Starling   | <i>Gracupica<br/>nigricollis</i>      | 12        | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | White Wagtail                | <i>Motacilla alba</i>                 | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | FLW         | Transect                  | FLW                                     | Black-faced<br>Bunting       | <i>Emberiza<br/>spodocephala</i>      | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Chinese Pond<br>Heron        | <i>Ardeola bacchus</i>                | 1         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Spotted Dove                 | <i>Spilopelia<br/>chinensis</i>       | 3         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | White-throated<br>Kingfisher | <i>Halcyon<br/>smyrnensis</i>         | 1         | Common                                    | R                                | (LC)                             | Class II                                      | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Japanese Tit                 | <i>Parus minor</i>                    | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Red-whiskered<br>Bulbul      | <i>Pycnonotus<br/>jocosus</i>         | 8         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Chinese Bulbul               | <i>Pycnonotus<br/>sinensis</i>        | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Dusky Warbler                | <i>Phylloscopus<br/>fuscatus</i>      | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Plain Prinia                 | <i>Prinia inornata</i>                | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Masked<br>Laughingthrush     | <i>Pterorhinus<br/>perspicillatus</i> | 5         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Crested Myna                 | <i>Acridotheres<br/>cristatellus</i>  | 10        | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | NSW         | Transect                  | NSW                                     | Oriental Magpie<br>Robin     | <i>Copsychus<br/>saularis</i>         | 1         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Northern Shoveler            | <i>Spatula clypeata</i>               | 7         | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Eurasian Teal                | <i>Anas crecca</i>                    | 2         | Common                                    | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Chinese Pond<br>Heron        | <i>Ardeola bacchus</i>                | 6         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Grey Heron                   | <i>Ardea cinerea</i>                  | 2         | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Little Egret                 | <i>Egretta garzetta</i>               | 2         | Common                                    | R                                | PRC (RC)                         | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |

Appendix F.1 Ecological Bird Monitoring Result (5 March 2025)

| Date<br>(dd/mm/yyyy) | Daytime/<br>Night<br>time | Season | Area        | Transect /<br>Point Count | Point Count<br>(Location) /<br>Transect | Common Name                | Scientific Name                       | Abundance | Distribution in<br>Hong Kong <sup>2</sup> | Principal<br>Status <sup>3</sup> | Level of<br>Concern <sup>4</sup> | Protection<br>Status in<br>China <sup>5</sup> | China Red<br>Data Book <sup>6</sup> | Red List of<br>China's<br>Vertebrates <sup>9</sup> | IUCN Red List <sup>7</sup><br>(v.2020-3) | Species of<br>Conservation<br>Importance | Wetland<br>Dependent <sup>8</sup> |
|----------------------|---------------------------|--------|-------------|---------------------------|-----------------------------------------|----------------------------|---------------------------------------|-----------|-------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | White-breasted<br>Waterhen | <i>Amauornis<br/>phoenicurus</i>      | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Common Moorhen             | <i>Gallinula chloropus</i>            | 16        | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Black-winged stilt         | <i>Himantopus<br/>himantopus</i>      | 36        | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Pied Avocet                | <i>Recurvirostra<br/>avosetta</i>     | 68        | Abundant                                  | WV                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Little Ringed<br>Plover    | <i>Charadrius dubius</i>              | 2         | Common                                    | WV,PM                            | (LC)                             | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Common<br>Sandpiper        | <i>Actitis hypoleucos</i>             | 2         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Common<br>Redshank         | <i>Tringa totanus</i>                 | 16        | Common                                    | PM                               | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Marsh Sandpiper            | <i>Tringa stagnatilis</i>             | 2         | Common                                    | PM,WV                            | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Common<br>Greenshank       | <i>Tringa nebularia</i>               | 12        | Abundant                                  | PM,WV                            | RC                               | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Black-headed Gull          | <i>Chroicocephalus<br/>ridibundus</i> | 30        | Common                                    | WV                               | PRC                              | -                                             | -                                   | LC                                                 | LC                                       | Y                                        | Y                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Chinese Bulbul             | <i>Pycnonotus<br/>sinensis</i>        | 6         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Dusky Warbler              | <i>Phylloscopus<br/>fuscatus</i>      | 1         | Common                                    | PM,WV                            | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Plain Prinia               | <i>Prinia inornata</i>                | 2         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Common Tailorbird          | <i>Orthotomus<br/>sutorius</i>        | 1         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Crested Myna               | <i>Acridotheres<br/>cristatellus</i>  | 22        | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Black-collared<br>Starling | <i>Gracupica<br/>nigricollis</i>      | 9         | Common                                    | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |
| 05/03/2025           | Daytime                   | Dry    | YLIE-<br>CW | Transect                  | YLIE-CW                                 | Oriental Magpie<br>Robin   | <i>Copsychus<br/>saularis</i>         | 2         | Abundant                                  | R                                | -                                | -                                             | -                                   | LC                                                 | LC                                       | N                                        | N                                 |

Notes:

1. All wild birds are protected under Wild Animals Protection Ordinance (Cap. 170).

2. AFCD (2021). Hong Kong Biodiversity Database.

3. Carey et al. (2001): R=resident; WV=winter visitor; SV=summer visitor; PM=passage migrant; Sp=spring; A=autumn;

4. Fellowes et al. (2002): LC=Local Concern; RC=Regional Concern; PRC=Potential Regional Concern; PGC: Potential Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in nesting and/or roosting sites rather than in general occurrence.

5. List of Wild Animals under State Protection (promulgated by State Forestry Administration and Ministry of Agriculture on 14 January, 1989).

6. Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book

7. IUCN 2021. The IUCN Red List of Threatened Species. Version 2020-3.

8. Wetland-dependent species (including wetland-dependent species and waterbirds).

9. Jiang et al. (2016). Red List of China's Vertebrates

**Appendix F.2.1 Ecological Bird Monitoring Diversity (All avifauna species in Point Count Method)  
in All Habitats (5 March 2025)**

| Scientific Name                   | Count | P      | Ln(P)   | P*Ln(P) | P*Ln(P) <sup>2</sup> |
|-----------------------------------|-------|--------|---------|---------|----------------------|
| <i>Eudynamys scolopaceus</i>      | 4     | 0.0057 | -5.1733 | -0.0293 | 0.1516               |
| <i>Cyanopica cyanus</i>           | 20    | 0.0283 | -3.5639 | -0.1010 | 0.3598               |
| <i>Milvus migrans</i>             | 2     | 0.0028 | -5.8665 | -0.0166 | 0.0975               |
| <i>Gracupica nigricollis</i>      | 35    | 0.0496 | -3.0043 | -0.1489 | 0.4474               |
| <i>Emberiza spodocephala</i>      | 1     | 0.0014 | -6.5596 | -0.0093 | 0.0609               |
| <i>Platalea minor</i>             | 2     | 0.0028 | -5.8665 | -0.0166 | 0.0975               |
| <i>Chroicocephalus ridibundus</i> | 60    | 0.0850 | -2.4653 | -0.2095 | 0.5165               |
| <i>Himantopus himantopus</i>      | 54    | 0.0765 | -2.5706 | -0.1966 | 0.5054               |
| <i>Pycnonotus sinensis</i>        | 5     | 0.0071 | -4.9502 | -0.0351 | 0.1735               |
| <i>Ardeola bacchus</i>            | 16    | 0.0227 | -3.7870 | -0.0858 | 0.3250               |
| <i>Tringa nebularia</i>           | 6     | 0.0085 | -4.7679 | -0.0405 | 0.1932               |
| <i>Alcedo atthis</i>              | 1     | 0.0014 | -6.5596 | -0.0093 | 0.0609               |
| <i>Gallinula chloropus</i>        | 9     | 0.0127 | -4.3624 | -0.0556 | 0.2426               |
| <i>Acridotheres tristis</i>       | 3     | 0.0042 | -5.4610 | -0.0232 | 0.1267               |
| <i>Tringa totanus</i>             | 13    | 0.0184 | -3.9947 | -0.0736 | 0.2938               |
| <i>Acridotheres cristatellus</i>  | 21    | 0.0297 | -3.5151 | -0.1046 | 0.3675               |
| <i>Phoenicurus aureus</i>         | 1     | 0.0014 | -6.5596 | -0.0093 | 0.0609               |
| <i>Phylloscopus fuscatus</i>      | 8     | 0.0113 | -4.4802 | -0.0508 | 0.2274               |
| <i>Bubulcus coromandus</i>        | 4     | 0.0057 | -5.1733 | -0.0293 | 0.1516               |
| <i>Motacilla tschutschensis</i>   | 4     | 0.0057 | -5.1733 | -0.0293 | 0.1516               |
| <i>Streptopelia decaocto</i>      | 4     | 0.0057 | -5.1733 | -0.0293 | 0.1516               |
| <i>Anas crecca</i>                | 13    | 0.0184 | -3.9947 | -0.0736 | 0.2938               |
| <i>Passer montanus</i>            | 10    | 0.0142 | -4.2570 | -0.0603 | 0.2567               |
| <i>Mareca penelope</i>            | 14    | 0.0198 | -3.9206 | -0.0777 | 0.3048               |
| <i>Phalacrocorax carbo</i>        | 82    | 0.1161 | -2.1529 | -0.2501 | 0.5383               |
| <i>Ardea alba</i>                 | 10    | 0.0142 | -4.2570 | -0.0603 | 0.2567               |
| <i>Centropus sinensis</i>         | 3     | 0.0042 | -5.4610 | -0.0232 | 0.1267               |
| <i>Ardea cinerea</i>              | 9     | 0.0127 | -4.3624 | -0.0556 | 0.2426               |
| <i>Apus nipalensis</i>            | 6     | 0.0085 | -4.7679 | -0.0405 | 0.1932               |
| <i>Parus minor</i>                | 1     | 0.0014 | -6.5596 | -0.0093 | 0.0609               |
| <i>Corvus macrorhynchos</i>       | 2     | 0.0028 | -5.8665 | -0.0166 | 0.0975               |
| <i>Egretta garzetta</i>           | 10    | 0.0142 | -4.2570 | -0.0603 | 0.2567               |
| <i>Tachybaptus ruficollis</i>     | 13    | 0.0184 | -3.9947 | -0.0736 | 0.2938               |
| <i>Charadrius dubius</i>          | 1     | 0.0014 | -6.5596 | -0.0093 | 0.0609               |
| <i>Pterorhinus perspicillatus</i> | 14    | 0.0198 | -3.9206 | -0.0777 | 0.3048               |
| <i>Spatula clypeata</i>           | 21    | 0.0297 | -3.5151 | -0.1046 | 0.3675               |
| <i>Anthus hodgsoni</i>            | 4     | 0.0057 | -5.1733 | -0.0293 | 0.1516               |
| <i>Copsychus saularis</i>         | 3     | 0.0042 | -5.4610 | -0.0232 | 0.1267               |
| <i>Recurvirostra avosetta</i>     | 71    | 0.1006 | -2.2969 | -0.2310 | 0.5306               |
| <i>Prinia inornata</i>            | 6     | 0.0085 | -4.7679 | -0.0405 | 0.1932               |
| <i>Spodiopsar sericeus</i>        | 12    | 0.0170 | -4.0747 | -0.0693 | 0.2822               |
| <i>Pycnonotus jocosus</i>         | 19    | 0.0269 | -3.6152 | -0.0973 | 0.3517               |
| <i>Spilopelia chinensis</i>       | 15    | 0.0212 | -3.8516 | -0.0818 | 0.3152               |
| <i>Saxicola stejnegeri</i>        | 3     | 0.0042 | -5.4610 | -0.0232 | 0.1267               |
| <i>Zosterops simplex</i>          | 9     | 0.0127 | -4.3624 | -0.0556 | 0.2426               |
| <i>Aythya fuligula</i>            | 53    | 0.0751 | -2.5893 | -0.1944 | 0.5033               |
| <i>Motacilla alba</i>             | 8     | 0.0113 | -4.4802 | -0.0508 | 0.2274               |
| <i>Amaurornis phoenicurus</i>     | 10    | 0.0142 | -4.2570 | -0.0603 | 0.2567               |
| <i>Halcyon smyrnensis</i>         | 2     | 0.0028 | -5.8665 | -0.0166 | 0.0975               |

| Scientific Name               | Count   | P      | Ln(P)     | P*Ln(P) | P*Ln(P) <sup>2</sup> |
|-------------------------------|---------|--------|-----------|---------|----------------------|
| <i>Tringa glareola</i>        | 1       | 0.0014 | -6.5596   | -0.0093 | 0.0609               |
| <i>Prinia flaviventris</i>    | 2       | 0.0028 | -5.8665   | -0.0166 | 0.0975               |
| <i>Phylloscopus inornatus</i> | 2       | 0.0028 | -5.8665   | -0.0166 | 0.0975               |
| <i>Anthus richardi</i>        | 1       | 0.0014 | -6.5596   | -0.0093 | 0.0609               |
| <i>Horornis canturians</i>    | 1       | 0.0014 | -6.5596   | -0.0093 | 0.0609               |
| <i>Hemixos castanonotus</i>   | 2       | 0.0028 | -5.8665   | -0.0166 | 0.0975               |
|                               |         |        |           |         |                      |
| Total                         | 706     | 1      | -260.4092 | -3.3472 | 12.2994              |
| Richness                      | 55      |        |           |         |                      |
| SS                            | 12.2994 |        |           |         |                      |
| SQ                            | 11.2034 |        |           |         |                      |
| H                             | 3.3472  |        |           |         |                      |
| S <sup>2</sup> H              | 0.0016  |        |           |         |                      |

**Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (5 March 2025)**

| Scientific Name                   | Count  | P      | Ln(P)    | P*Ln(P) | P*Ln(P) <sup>2</sup> |
|-----------------------------------|--------|--------|----------|---------|----------------------|
| <i>Milvus migrans</i>             | 2      | 0.0042 | -5.4638  | -0.0232 | 0.1265               |
| <i>Platalea minor</i>             | 2      | 0.0042 | -5.4638  | -0.0232 | 0.1265               |
| <i>Chroicocephalus ridibundus</i> | 60     | 0.1271 | -2.0626  | -0.2622 | 0.5408               |
| <i>Himantopus himantopus</i>      | 54     | 0.1144 | -2.1680  | -0.2480 | 0.5377               |
| <i>Ardeola bacchus</i>            | 16     | 0.0339 | -3.3844  | -0.1147 | 0.3883               |
| <i>Tringa nebularia</i>           | 6      | 0.0127 | -4.3652  | -0.0555 | 0.2422               |
| <i>Tringa totanus</i>             | 13     | 0.0275 | -3.5920  | -0.0989 | 0.3554               |
| <i>Bubulcus coromandus</i>        | 4      | 0.0085 | -4.7707  | -0.0404 | 0.1929               |
| <i>Anas crecca</i>                | 13     | 0.0275 | -3.5920  | -0.0989 | 0.3554               |
| <i>Mareca penelope</i>            | 14     | 0.0297 | -3.5179  | -0.1043 | 0.3671               |
| <i>Phalacrocorax carbo</i>        | 82     | 0.1737 | -1.7503  | -0.3041 | 0.5322               |
| <i>Ardea alba</i>                 | 10     | 0.0212 | -3.8544  | -0.0817 | 0.3148               |
| <i>Centropus sinensis</i>         | 3      | 0.0064 | -5.0584  | -0.0322 | 0.1626               |
| <i>Ardea cinerea</i>              | 9      | 0.0191 | -3.9598  | -0.0755 | 0.2990               |
| <i>Egretta garzetta</i>           | 10     | 0.0212 | -3.8544  | -0.0817 | 0.3148               |
| <i>Tachybaptus ruficollis</i>     | 13     | 0.0275 | -3.5920  | -0.0989 | 0.3554               |
| <i>Charadrius dubius</i>          | 1      | 0.0021 | -6.1570  | -0.0130 | 0.0803               |
| <i>Spatula clypeata</i>           | 21     | 0.0445 | -3.1125  | -0.1385 | 0.4310               |
| <i>Recurvirostra avosetta</i>     | 71     | 0.1504 | -1.8943  | -0.2849 | 0.5398               |
| <i>Spodiopsar sericeus</i>        | 12     | 0.0254 | -3.6721  | -0.0934 | 0.3428               |
| <i>Aythya fuligula</i>            | 53     | 0.1123 | -2.1867  | -0.2455 | 0.5369               |
| <i>Halcyon smyrnensis</i>         | 2      | 0.0042 | -5.4638  | -0.0232 | 0.1265               |
| <i>Tringa glareola</i>            | 1      | 0.0021 | -6.1570  | -0.0130 | 0.0803               |
|                                   |        |        |          |         |                      |
| Total                             | 472    | 1      | -89.0931 | -2.5549 | 7.3491               |
| Richness                          | 23     |        |          |         |                      |
| SS                                | 7.3491 |        |          |         |                      |
| SQ                                | 6.5277 |        |          |         |                      |
| H                                 | 2.5549 |        |          |         |                      |
| S <sup>2</sup> H                  | 0.0018 |        |          |         |                      |

**Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method)  
in All Habitats (5 March 2025)**

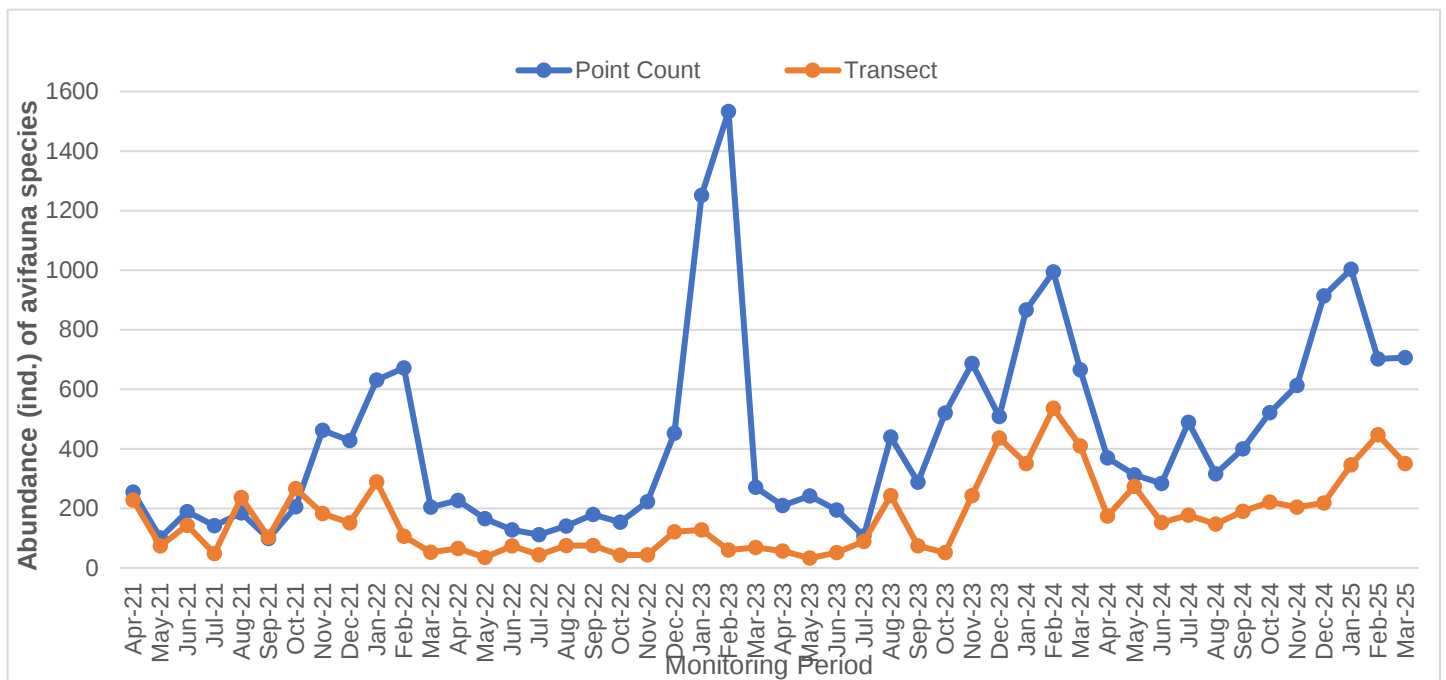
| Scientific Name                   | Count  | P      | Ln(P)     | P*Ln(P) | P*Ln(P) <sup>2</sup> |
|-----------------------------------|--------|--------|-----------|---------|----------------------|
| <i>Cyanopica cyanus</i>           | 13     | 0.0370 | -3.2958   | -0.1221 | 0.4023               |
| <i>Dicrurus macrocercus</i>       | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Gracupica nigricollis</i>      | 21     | 0.0598 | -2.8163   | -0.1685 | 0.4745               |
| <i>Emberiza spodocephala</i>      | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Chroicocephalus ridibundus</i> | 30     | 0.0855 | -2.4596   | -0.2102 | 0.5171               |
| <i>Himantopus himantopus</i>      | 36     | 0.1026 | -2.2773   | -0.2336 | 0.5319               |
| <i>Pycnonotus sinensis</i>        | 8      | 0.0228 | -3.7813   | -0.0862 | 0.3259               |
| <i>Ardeola bacchus</i>            | 7      | 0.0199 | -3.9149   | -0.0781 | 0.3057               |
| <i>Tringa nebularia</i>           | 12     | 0.0342 | -3.3759   | -0.1154 | 0.3896               |
| <i>Gallinula chloropus</i>        | 18     | 0.0513 | -2.9704   | -0.1523 | 0.4525               |
| <i>Tringa totanus</i>             | 16     | 0.0456 | -3.0882   | -0.1408 | 0.4347               |
| <i>Actitis hypoleucos</i>         | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Orthotomus sutorius</i>        | 1      | 0.0028 | -5.8608   | -0.0167 | 0.0979               |
| <i>Acridotheres cristatellus</i>  | 34     | 0.0969 | -2.3344   | -0.2261 | 0.5279               |
| <i>Phylloscopus fuscatus</i>      | 3      | 0.0085 | -4.7622   | -0.0407 | 0.1938               |
| <i>Fulica atra</i>                | 4      | 0.0114 | -4.4745   | -0.0510 | 0.2282               |
| <i>Anas crecca</i>                | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Phalacrocorax carbo</i>        | 14     | 0.0399 | -3.2217   | -0.1285 | 0.4140               |
| <i>Centropus sinensis</i>         | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Ardea cinerea</i>              | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Parus minor</i>                | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Corvus macrorhynchos</i>       | 1      | 0.0028 | -5.8608   | -0.0167 | 0.0979               |
| <i>Egretta garzetta</i>           | 5      | 0.0142 | -4.2513   | -0.0606 | 0.2575               |
| <i>Tachybaptus ruficollis</i>     | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Charadrius dubius</i>          | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Tringa stagnatilis</i>         | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Pterorhinus perspicillatus</i> | 5      | 0.0142 | -4.2513   | -0.0606 | 0.2575               |
| <i>Spatula clypeata</i>           | 9      | 0.0256 | -3.6636   | -0.0939 | 0.3441               |
| <i>Copsychus saularis</i>         | 3      | 0.0085 | -4.7622   | -0.0407 | 0.1938               |
| <i>Recurvirostra avosetta</i>     | 68     | 0.1937 | -1.6413   | -0.3180 | 0.5219               |
| <i>Ceryle rudis</i>               | 1      | 0.0028 | -5.8608   | -0.0167 | 0.0979               |
| <i>Prinia inornata</i>            | 4      | 0.0114 | -4.4745   | -0.0510 | 0.2282               |
| <i>Pycnonotus jocosus</i>         | 8      | 0.0228 | -3.7813   | -0.0862 | 0.3259               |
| <i>Spilopelia chinensis</i>       | 4      | 0.0114 | -4.4745   | -0.0510 | 0.2282               |
| <i>Motacilla alba</i>             | 1      | 0.0028 | -5.8608   | -0.0167 | 0.0979               |
| <i>Amaurornis phoenicurus</i>     | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Halcyon smyrnensis</i>         | 2      | 0.0057 | -5.1676   | -0.0294 | 0.1522               |
| <i>Phylloscopus inornatus</i>     | 1      | 0.0028 | -5.8608   | -0.0167 | 0.0979               |
|                                   |        |        |           |         |                      |
| Total                             | 351    | 1      | -165.3881 | -2.9522 | 9.8703               |
| Richness                          | 38     |        |           |         |                      |
| SS                                | 9.8703 |        |           |         |                      |
| SQ                                | 8.7153 |        |           |         |                      |
| H                                 | 2.9522 |        |           |         |                      |

| Scientific Name  | Count  | P | Ln(P) | P*Ln(P) | P*Ln(P) <sup>2</sup> |
|------------------|--------|---|-------|---------|----------------------|
| S <sup>2</sup> H | 0.0034 |   |       |         |                      |

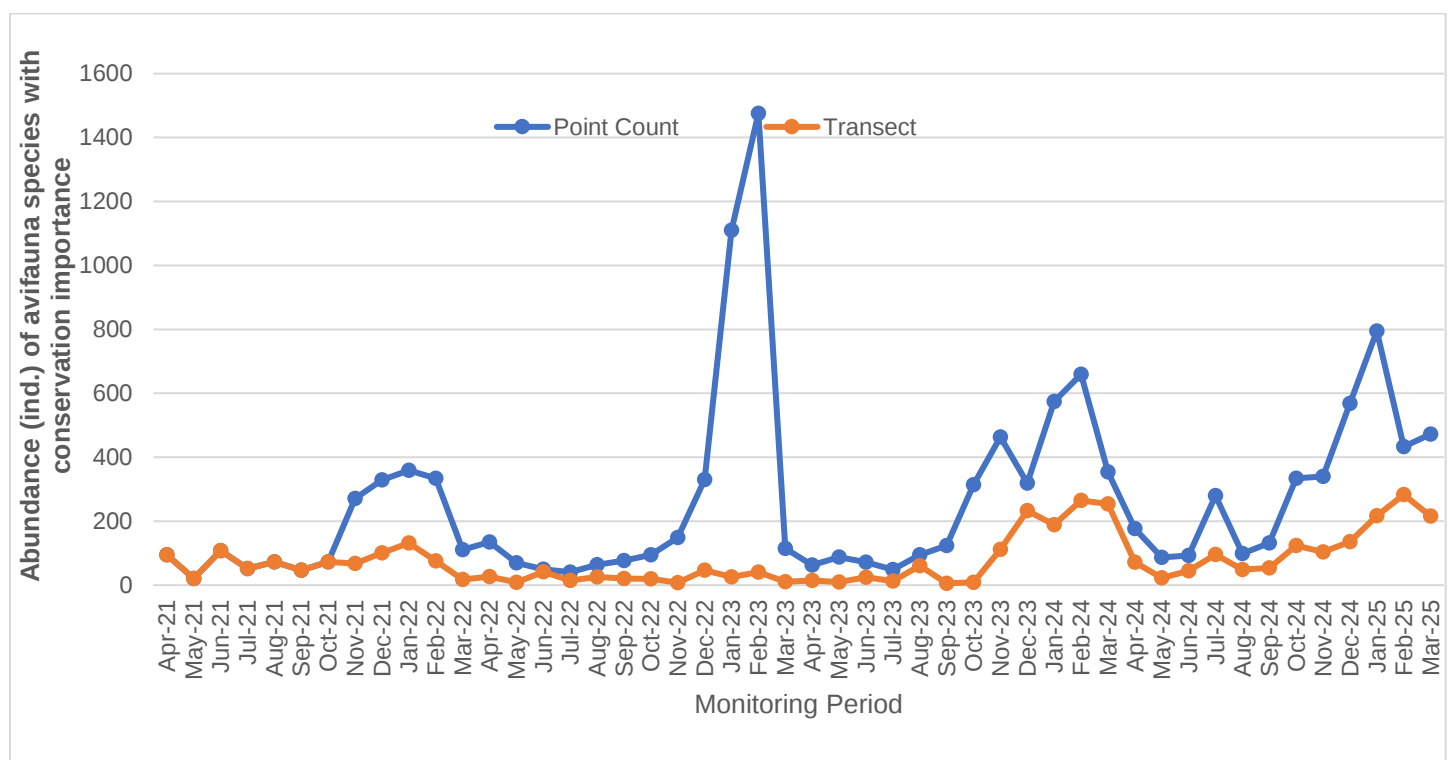
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (5 March 2025)

| Scientific Name                   | Count  | P      | Ln(P)    | P*Ln(P) | P*Ln(P) <sup>2</sup> |
|-----------------------------------|--------|--------|----------|---------|----------------------|
| <i>Chroicocephalus ridibundus</i> | 30     | 0.1389 | -1.9741  | -0.2742 | 0.5412               |
| <i>Himantopus himantopus</i>      | 36     | 0.1667 | -1.7918  | -0.2986 | 0.5351               |
| <i>Ardeola bacchus</i>            | 7      | 0.0324 | -3.4294  | -0.1111 | 0.3811               |
| <i>Tringa nebularia</i>           | 12     | 0.0556 | -2.8904  | -0.1606 | 0.4641               |
| <i>Tringa totanus</i>             | 16     | 0.0741 | -2.6027  | -0.1928 | 0.5018               |
| <i>Fulica atra</i>                | 4      | 0.0185 | -3.9890  | -0.0739 | 0.2947               |
| <i>Anas crecca</i>                | 2      | 0.0093 | -4.6821  | -0.0434 | 0.2030               |
| <i>Phalacrocorax carbo</i>        | 14     | 0.0648 | -2.7362  | -0.1773 | 0.4853               |
| <i>Centropus sinensis</i>         | 2      | 0.0093 | -4.6821  | -0.0434 | 0.2030               |
| <i>Ardea cinerea</i>              | 2      | 0.0093 | -4.6821  | -0.0434 | 0.2030               |
| <i>Egretta garzetta</i>           | 5      | 0.0231 | -3.7658  | -0.0872 | 0.3283               |
| <i>Tachybaptus ruficollis</i>     | 2      | 0.0093 | -4.6821  | -0.0434 | 0.2030               |
| <i>Charadrius dubius</i>          | 2      | 0.0093 | -4.6821  | -0.0434 | 0.2030               |
| <i>Tringa stagnatilis</i>         | 2      | 0.0093 | -4.6821  | -0.0434 | 0.2030               |
| <i>Spatula clypeata</i>           | 9      | 0.0417 | -3.1781  | -0.1324 | 0.4208               |
| <i>Recurvirostra avosetta</i>     | 68     | 0.3148 | -1.1558  | -0.3639 | 0.4205               |
| <i>Ceryle rudis</i>               | 1      | 0.0046 | -5.3753  | -0.0249 | 0.1338               |
| <i>Halcyon smyrnensis</i>         | 2      | 0.0093 | -4.6821  | -0.0434 | 0.2030               |
|                                   |        |        |          |         |                      |
| Total                             | 216    | 1      | -65.6633 | -2.2003 | 5.9276               |
| Richness                          | 18     |        |          |         |                      |
| SS                                | 5.9276 |        |          |         |                      |
| SQ                                | 4.8414 |        |          |         |                      |
| H                                 | 2.2003 |        |          |         |                      |
| S <sup>2</sup> H                  | 0.0052 |        |          |         |                      |

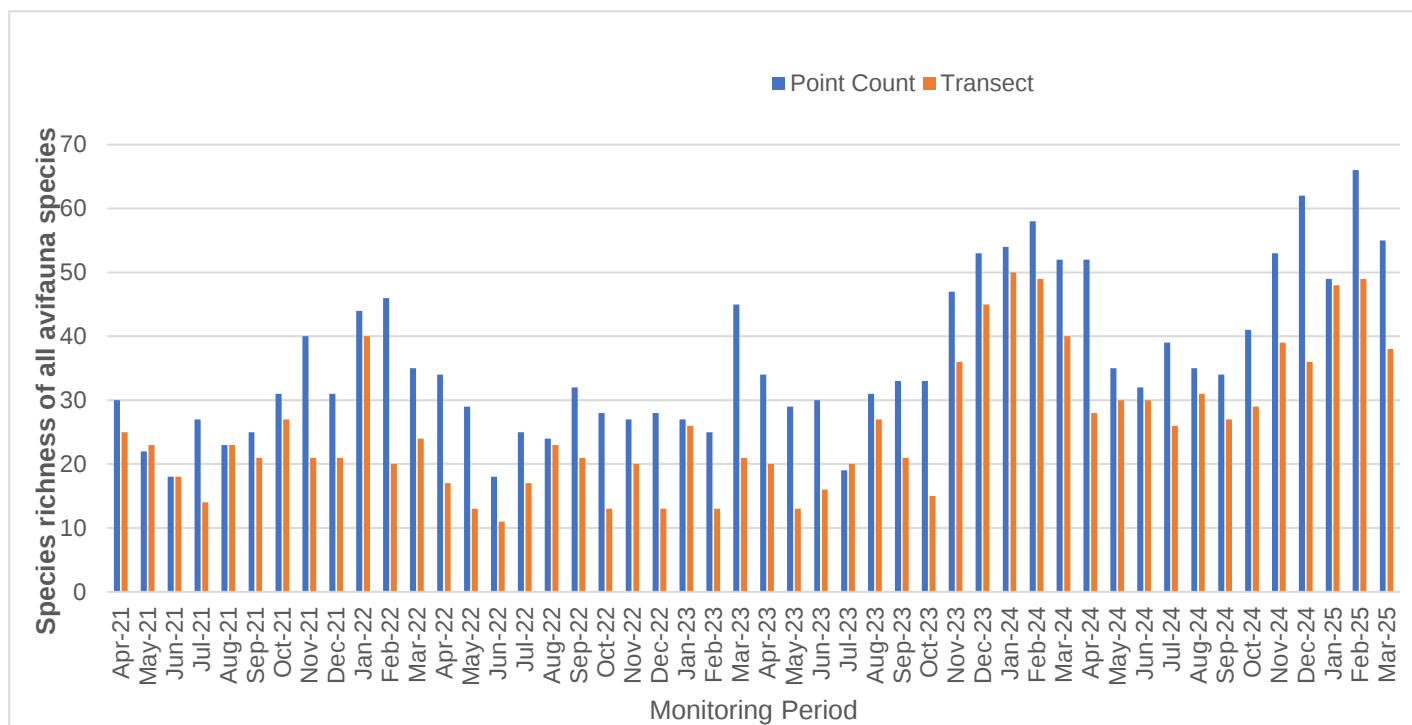
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



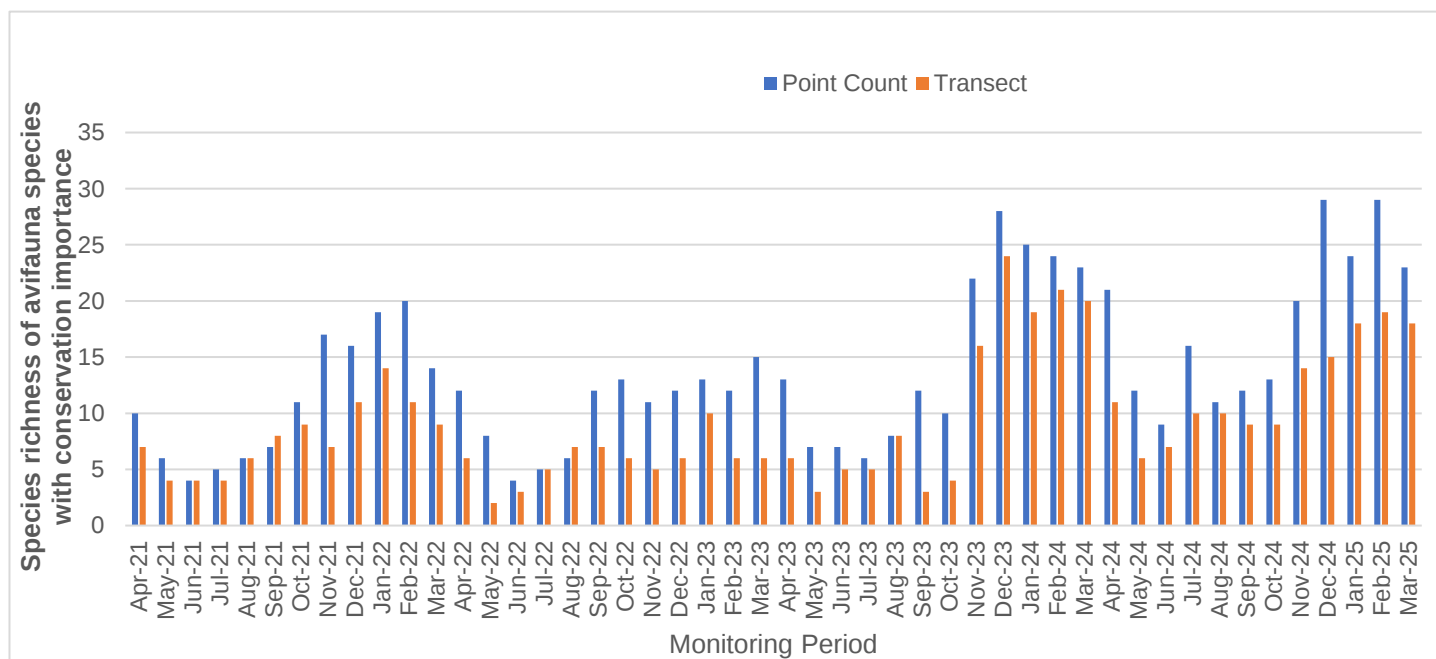
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



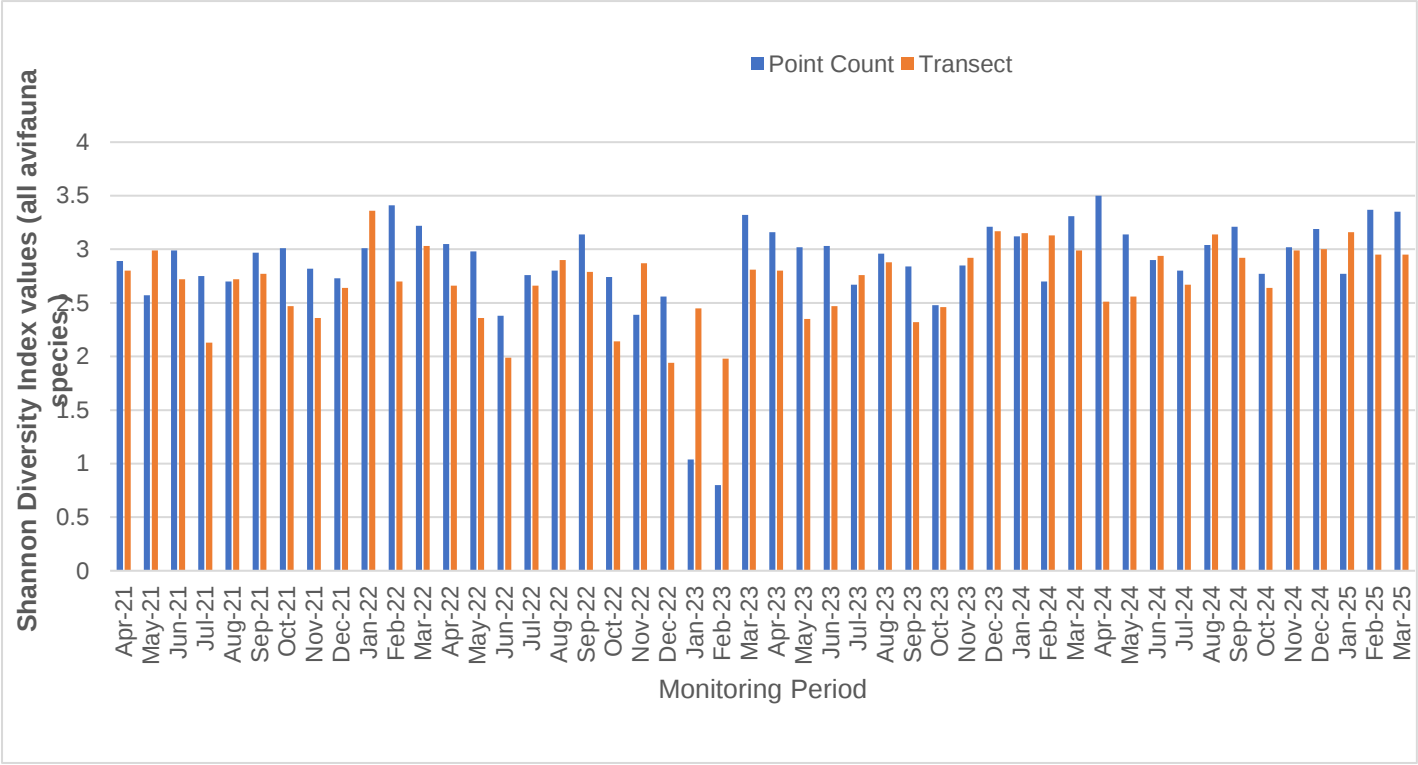
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



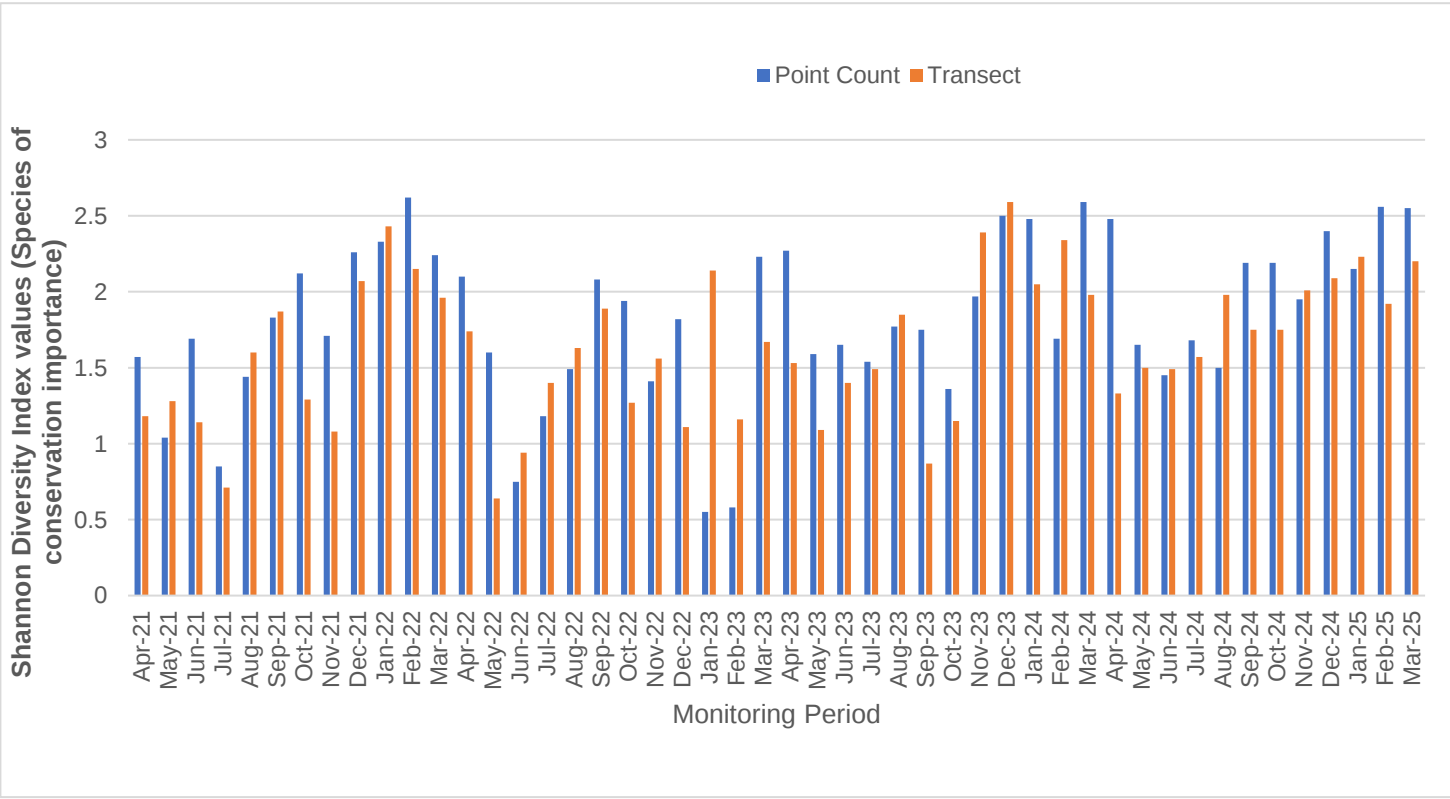
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



Appendix F.5.1 Shannon Diversity Index values of all avifauna species throughout the monitoring period



Appendix F.5.2 Shannon Diversity Index values of avifauna species with conservation importance throughout the monitoring period



## Appendix F.6. Hutcheson t-test testing method and output

Formula:

$$t = \frac{H_a - H_b}{\sqrt{s_{H_a}^2 + s_{H_b}^2}}$$

### Appendix F.6.1 Species diversity of all avifauna species – Point Count Method

| Months           | March 2017 | March 2025 |
|------------------|------------|------------|
| Total            | 607        | 706        |
| Richness         | 42         | 55         |
| H                | 2.7263     | 3.3472     |
| S <sup>2</sup> H | 0.002700   | 0.001607   |
| t                | 9.4614     |            |
| df               | 1183.8789  |            |
| Crit             | 1.9620     |            |
| p                | 1.580E-20  |            |
| CI               | 0.1039     | 0.0802     |

### Appendix F.6.2 Species diversity of all avifauna species – Transect Walk Method

| Months           | March 2017 | March 2025 |
|------------------|------------|------------|
| Total            | 170        | 351        |
| Richness         | 33         | 38         |
| H                | 2.8630     | 2.9522     |
| S <sup>2</sup> H | 0.00671    | 0.003441   |
| t                | 0.8857     |            |
| df               | 345.1695   |            |
| Crit             | 1.9669     |            |
| p                | 0.3764     |            |
| CI               | 0.1638     | 0.1173     |

**Appendix F.6.3 Species diversity of avifauna species with conservation importance – Point Count Method**

| Months           | March 2017 | March 2025 |
|------------------|------------|------------|
| Total            | 510        | 472        |
| Richness         | 21         | 23         |
| H                | 2.2102     | 2.5549     |
| S <sup>2</sup> H | 0.002200   | 0.001790   |
| t                | 5.4582     |            |
| df               | 977.9666   |            |
| Crit             | 1.9624     |            |
| p                | 6.10E-08   |            |
| CI               | 0.0938     | 0.0846     |

**Appendix F.6.4 Species diversity of avifauna species with conservation importance – Transect Walk Method**

| Months           | March 2017 | March 2025 |
|------------------|------------|------------|
| Total            | 44         | 216        |
| Richness         | 8          | 18         |
| H                | 1.1578     | 2.2003     |
| S <sup>2</sup> H | 0.03524    | 0.00521    |
| t                | 5.1831     |            |
| df               | 57.7152    |            |
| Crit             | 2.0025     |            |
| p                | 2.9875E-06 |            |
| CI               | 0.3755     | 0.1444     |