

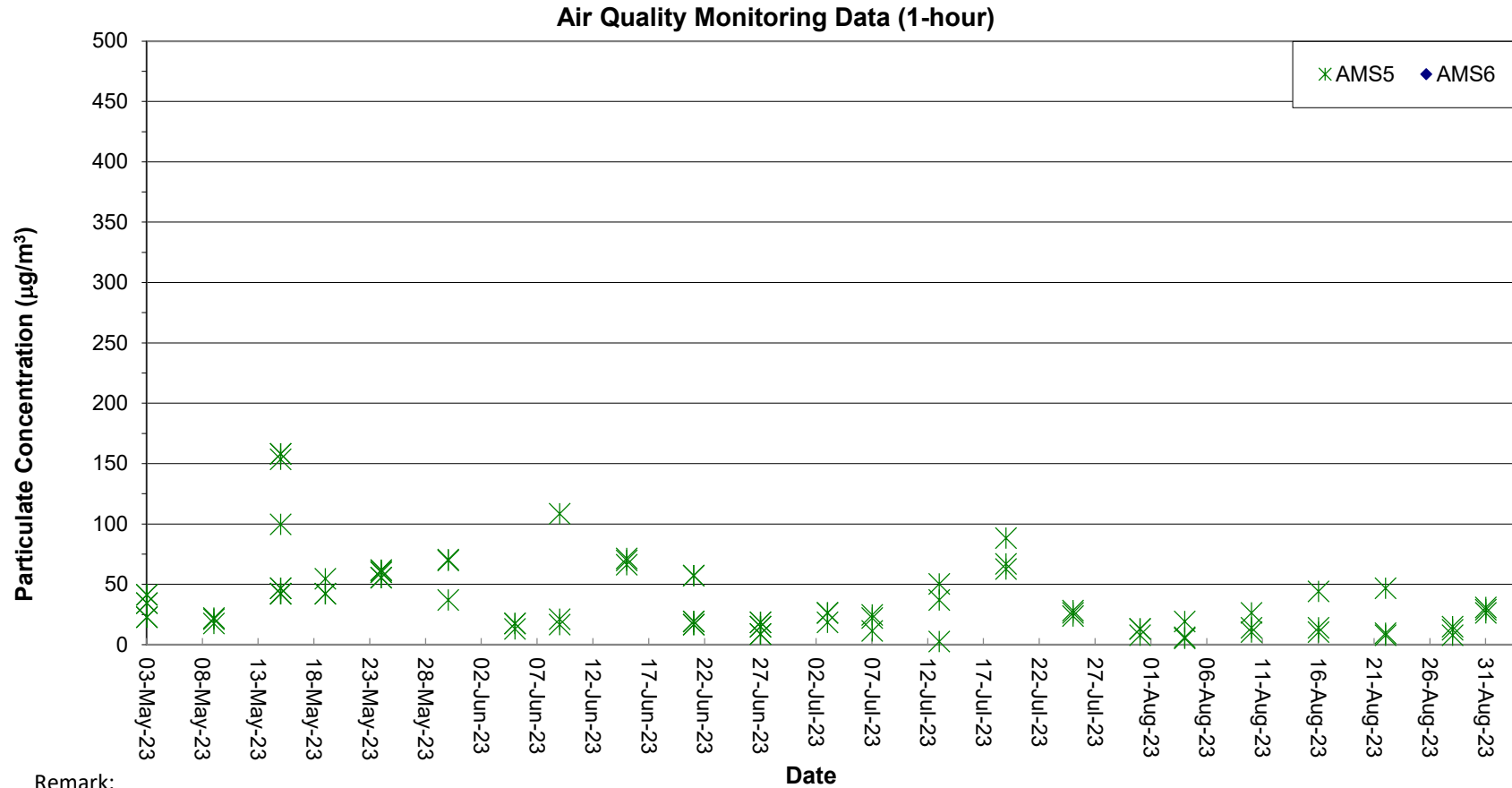
## Air Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Station | Time  | Parameter | Results | Unit              |
|---------|------------|-------------------|---------|-------|-----------|---------|-------------------|
| HKLR    | HY/2011/03 | 2023-08-04        | AMS5    | 09:00 | 1-hr TSP  | 20      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-04        | AMS5    | 10:00 | 1-hr TSP  | 6       | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-04        | AMS5    | 11:00 | 1-hr TSP  | 5       | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-10        | AMS5    | 09:06 | 1-hr TSP  | 27      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-10        | AMS5    | 10:06 | 1-hr TSP  | 14      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-10        | AMS5    | 11:06 | 1-hr TSP  | 11      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-16        | AMS5    | 09:00 | 1-hr TSP  | 44      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-16        | AMS5    | 10:00 | 1-hr TSP  | 14      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-16        | AMS5    | 11:00 | 1-hr TSP  | 11      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-22        | AMS5    | 09:00 | 1-hr TSP  | 47      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-22        | AMS5    | 10:00 | 1-hr TSP  | 8       | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-22        | AMS5    | 11:00 | 1-hr TSP  | 10      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-28        | AMS5    | 09:00 | 1-hr TSP  | 12      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-28        | AMS5    | 10:00 | 1-hr TSP  | 15      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-28        | AMS5    | 11:00 | 1-hr TSP  | 8       | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-31        | AMS5    | 13:37 | 1-hr TSP  | 27      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-31        | AMS5    | 14:37 | 1-hr TSP  | 31      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-31        | AMS5    | 15:37 | 1-hr TSP  | 29      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-03        | AMS5    | 08:00 | 24-hr TSP | 17      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-09        | AMS5    | 08:00 | 24-hr TSP | 31      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-15        | AMS5    | 08:00 | 24-hr TSP | 27      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-21        | AMS5    | 08:00 | 24-hr TSP | 16      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-25        | AMS5    | 08:00 | 24-hr TSP | 22      | µg/m <sup>3</sup> |
| HKLR    | HY/2011/03 | 2023-08-31        | AMS5    | 08:00 | 24-hr TSP | 36      | µg/m <sup>3</sup> |

### Remarks:

- 1) The existing air quality monitoring location AMS6 - Dragonair / CNAC (Group) Building (HKIA) was handed over to Airport Authority Hong Kong on 31 March 2021. 1hr and 24 hr air quality monitoring at AMS6 was temporarily suspended starting from 1 April 2021.
- 2) Due to super typhoon Saola will be rather close to Hong Kong on 1 September 2023, the local weather will deteriorate and winds will strengthen further. 1-hr TSP monitoring at AMS5 on 1 September 2023 will be rescheduled to 31 August 2023.

Graphical Plot of 1-hour TSP at AMS5 and AMS6

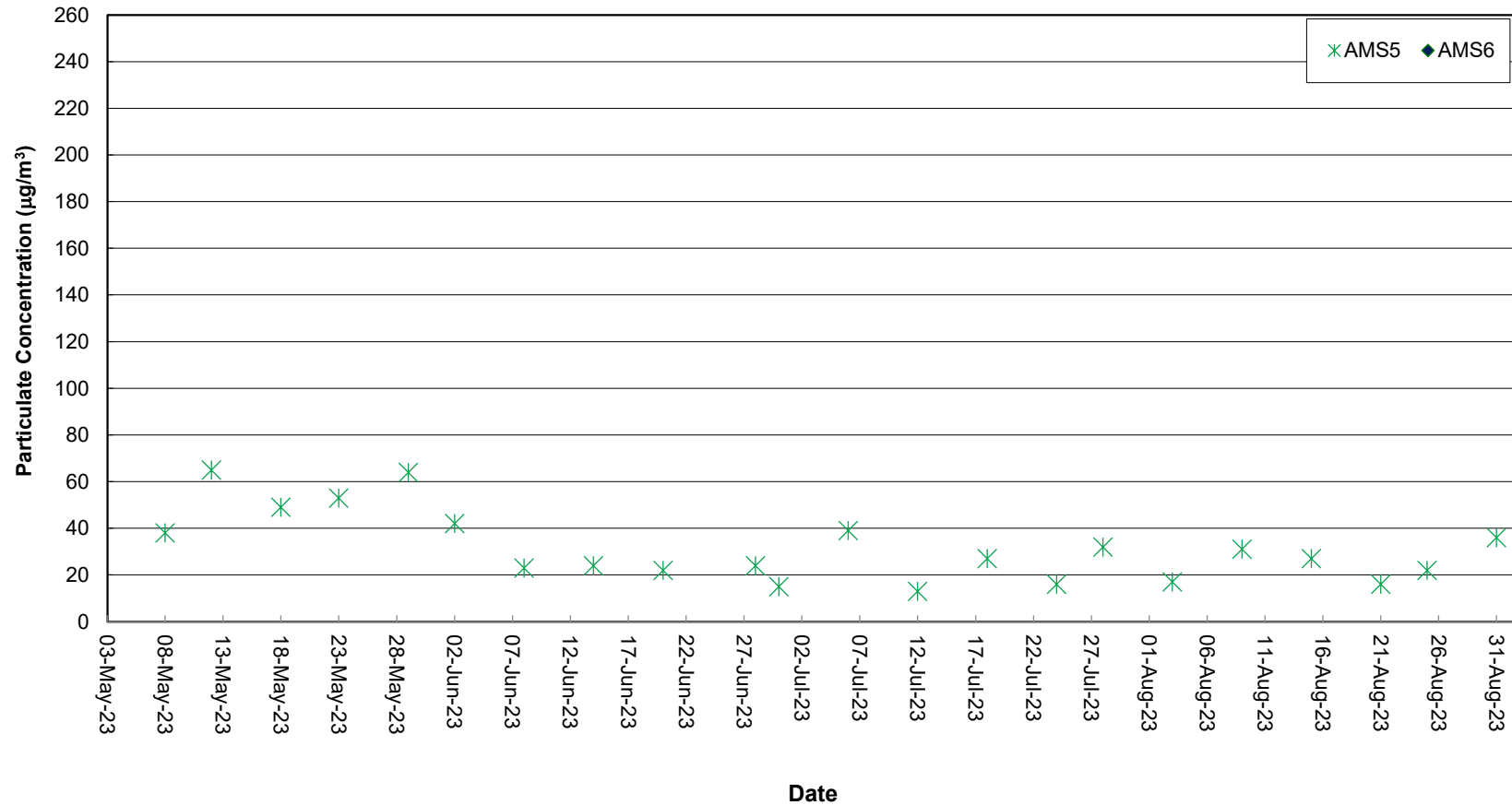


Remark:

- 1) The existing air quality monitoring location AMS6 - Dragonair / CNAC (Group) Building (HKIA) was handed over to Airport Authority Hong Kong on 31 March 2021. 1-hr TSP monitoring at AMS6 was temporarily suspended starting from 1 April 2021.
- 2) Due to malfunction of HVS, 24-hr TSP monitoring at EM&A Station AMS5 - Ma Wan Chung Village on 26 June 2023 will be rescheduled to 28 June 2023.
- 3) Due to Super Typhoon Saola will be rather close to Hong Kong on 1 September 2023, the local weather will deteriorate, and winds will strength further. 1-hr TSP monitoring at AMS5 on 1 September 2023 will be reshceduled to 31 August 2023.

Graphical Plot of 24-hour TSP at AMS5 and AMS6

Air Quality Monitoring Data (24-hour)



Remarks:

- 1) The existing air quality monitoring location AMS6 - Dragonair / CNAC (Group) Building (HKIA) was handed over to Airport Authority Hong Kong on 31 March 2021. 24-hr TSP monitoring at AMS6 was temporarily suspended starting from 1 April 2021.
- 2) Due to malfunction of HVS, 24-hr TSP monitoring at EM&A Station AMS5 - Ma Wan Chung Village on 26 June 2023 will be rescheduled to 28 June 2023.

Noise Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Station | Start Time | Wind Speed, m/s | 1st set 5mins |      | 2nd set 5mins |      | 3rd set 5mins |      | 4th set 5mins |      | 5th set 5mins |      | 6th set 5mins |      | Overall (30mins)* | Unit |       |
|---------|------------|-------------------|---------|------------|-----------------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|------|-------------------|------|-------|
|         |            |                   |         |            |                 | Leq:          | L10: | L90:          | Leq: | L10:          | L90: | Leq:          | L10: | L90:          | Leq: | L10:          | L90: |                   |      | Leq:  |
| HKLR    | HY/2011/03 | 2023-08-04        | NMS5    | 11:00      | <5              | Leq:          | 52.0 | Leq:          | 51.0 | Leq:          | 50.3 | Leq:          | 52.2 | Leq:          | 52.9 | Leq:          | 54.9 | Leq:              | 55   | dB(A) |
|         |            |                   |         |            |                 | L10:          | 53.0 | L10:          | 51.5 | L10:          | 51.0 | L10:          | 53.5 | L10:          | 55.5 | L10:          | 58.0 | L10:              | 57   |       |
|         |            |                   |         |            |                 | L90:          | 50.5 | L90:          | 50.5 | L90:          | 49.5 | L90:          | 49.4 | L90:          | 49.5 | L90:          | 49.5 | L90:              | 49.5 |       |
| HKLR    | HY/2011/03 | 2023-08-10        | NMS5    | 11:00      | <5              | Leq:          | 51.2 | Leq:          | 54.9 | Leq:          | 53.9 | Leq:          | 51.0 | Leq:          | 49.1 | Leq:          | 49.6 | Leq:              | 55   | dB(A) |
|         |            |                   |         |            |                 | L10:          | 51.0 | L10:          | 57.5 | L10:          | 55.5 | L10:          | 53.0 | L10:          | 50.5 | L10:          | 50.5 | L10:              | 57   |       |
|         |            |                   |         |            |                 | L90:          | 47.5 | L90:          | 49.5 | L90:          | 52.0 | L90:          | 47.0 | L90:          | 46.5 | L90:          | 46.5 | L90:              | 52   |       |
| HKLR    | HY/2011/03 | 2023-08-16        | NMS5    | 11:00      | <5              | Leq:          | 50.9 | Leq:          | 50.1 | Leq:          | 59.1 | Leq:          | 50.3 | Leq:          | 50.5 | Leq:          | 50.8 | Leq:              | 57   | dB(A) |
|         |            |                   |         |            |                 | L10:          | 52.0 | L10:          | 51.5 | L10:          | 64.0 | L10:          | 52.0 | L10:          | 52.0 | L10:          | 52.5 | L10:              | 60   |       |
|         |            |                   |         |            |                 | L90:          | 49.5 | L90:          | 48.0 | L90:          | 50.0 | L90:          | 49.0 | L90:          | 48.5 | L90:          | 49.0 | L90:              | 52   |       |
| HKLR    | HY/2011/03 | 2023-08-22        | NMS5    | 11:00      | <5              | Leq:          | 50.8 | Leq:          | 51.1 | Leq:          | 54.5 | Leq:          | 50.1 | Leq:          | 51.0 | Leq:          | 51.6 | Leq:              | 55   | dB(A) |
|         |            |                   |         |            |                 | L10:          | 52.5 | L10:          | 52.5 | L10:          | 56.5 | L10:          | 51.0 | L10:          | 52.5 | L10:          | 53.5 | L10:              | 56   |       |
|         |            |                   |         |            |                 | L90:          | 48.5 | L90:          | 48.0 | L90:          | 50.0 | L90:          | 49.0 | L90:          | 49.0 | L90:          | 49.5 | L90:              | 52   |       |
| HKLR    | HY/2011/03 | 2023-08-28        | NMS5    | 11:00      | <5              | Leq:          | 56.8 | Leq:          | 58.4 | Leq:          | 57.0 | Leq:          | 52.3 | Leq:          | 51.2 | Leq:          | 49.8 | Leq:              | 58   | dB(A) |
|         |            |                   |         |            |                 | L10:          | 59.0 | L10:          | 60.0 | L10:          | 59.0 | L10:          | 53.5 | L10:          | 52.5 | L10:          | 51.0 | L10:              | 60   |       |
|         |            |                   |         |            |                 | L90:          | 50.0 | L90:          | 56.0 | L90:          | 53.5 | L90:          | 49.5 | L90:          | 49.0 | L90:          | 48.0 | L90:              | 55   |       |

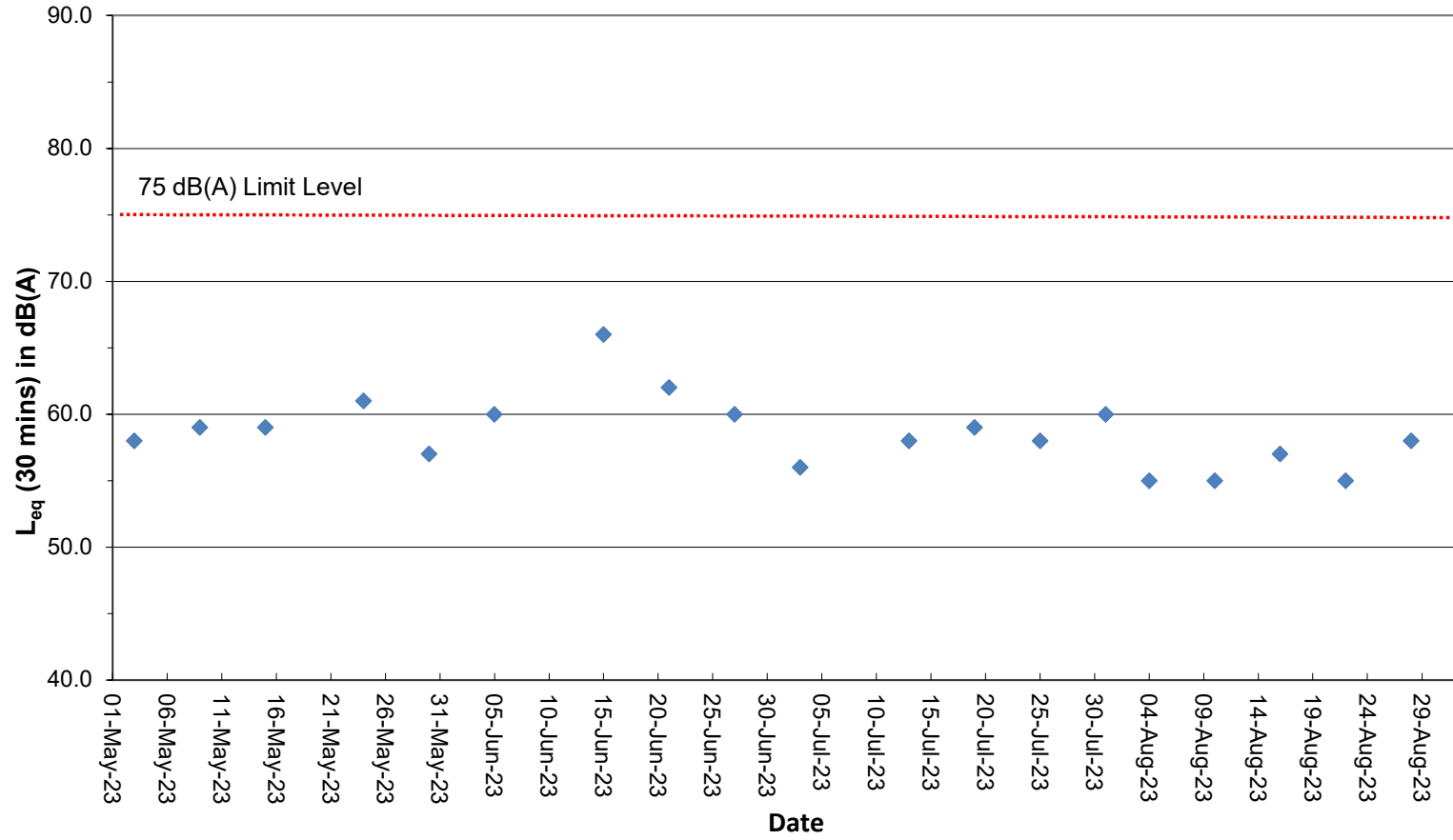
Remark:

(1)\* A facade correction of +3 dB(A) was applied to the measured noise level.

Noise Monitoring Data

Graphical Plot of Noise Levels at NMS5

Continuous Noise Monitoring Data (NMS5)



Remarks:

(1) A facade correction of +3 dB(A) was applied to the measured noise level.

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide    | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|---------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS5       | 12:03 | 1.0      | Surface | 1          | 1         | 27.80           | 7.94 | 25.80         | 88.50 | 6.2      | 3.5            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS5       | 12:03 | 1.0      | Surface | 1          | 2         | 27.84           | 7.94 | 25.80         | 88.90 | 6.3      | 3.5            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS5       | 12:03 | 4.3      | Middle  | 2          | 1         | 27.67           | 7.93 | 26.09         | 87.90 | 6.2      | 3.9            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS5       | 12:03 | 4.3      | Middle  | 2          | 2         | 27.67           | 7.93 | 26.06         | 87.80 | 6.2      | 3.8            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS5       | 12:03 | 7.5      | Bottom  | 3          | 1         | 27.67           | 7.93 | 26.11         | 87.70 | 6.2      | 4.1            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS5       | 12:02 | 7.5      | Bottom  | 3          | 2         | 27.64           | 7.93 | 26.13         | 87.90 | 6.2      | 4.1            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)6   | 12:14 | 1.0      | Surface | 1          | 1         | 27.84           | 7.95 | 25.84         | 92.20 | 6.5      | 3.4            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)6   | 12:13 | 1.0      | Surface | 1          | 2         | 27.83           | 7.96 | 25.84         | 91.30 | 6.4      | 3.5            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)6   | 12:14 | 2.2      | Bottom  | 3          | 1         | 27.82           | 7.95 | 25.92         | 90.60 | 6.4      | 3.7            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)6   | 12:13 | 2.2      | Bottom  | 3          | 2         | 27.77           | 7.97 | 25.92         | 89.80 | 6.3      | 3.8            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS7       | 12:24 | 1.0      | Surface | 1          | 1         | 27.85           | 7.95 | 25.84         | 91.00 | 6.4      | 3.2            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS7       | 12:23 | 1.0      | Surface | 1          | 2         | 27.84           | 7.95 | 25.85         | 90.90 | 6.4      | 3.3            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS7       | 12:23 | 2.3      | Bottom  | 3          | 1         | 27.80           | 7.95 | 25.95         | 90.50 | 6.4      | 3.4            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS7       | 12:24 | 2.3      | Bottom  | 3          | 2         | 27.81           | 7.94 | 25.92         | 90.50 | 6.4      | 3.4            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS8(N)    | 13:03 | 1.0      | Surface | 1          | 1         | 27.84           | 7.93 | 25.81         | 88.50 | 6.2      | 3.3            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS8(N)    | 13:03 | 1.0      | Surface | 1          | 2         | 27.86           | 7.93 | 25.79         | 89.10 | 6.3      | 3.3            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS8(N)    | 13:03 | 2.9      | Bottom  | 3          | 1         | 27.81           | 7.93 | 25.90         | 88.60 | 6.2      | 3.5            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS8(N)    | 13:03 | 2.9      | Bottom  | 3          | 2         | 27.75           | 7.93 | 25.95         | 87.80 | 6.2      | 3.5            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)9   | 12:34 | 1.0      | Surface | 1          | 1         | 27.86           | 7.94 | 25.83         | 90.30 | 6.4      | 3.3            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)9   | 12:33 | 1.0      | Surface | 1          | 2         | 27.85           | 7.94 | 25.83         | 90.00 | 6.3      | 3.3            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)9   | 12:33 | 2.6      | Bottom  | 3          | 1         | 27.78           | 7.93 | 25.94         | 89.70 | 6.3      | 3.5            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS(Mf)9   | 12:34 | 2.6      | Bottom  | 3          | 2         | 27.83           | 7.94 | 25.94         | 89.90 | 6.3      | 3.5            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS10(N)   | 13:00 | 1.0      | Surface | 1          | 1         | 27.41           | 7.80 | 25.75         | 87.20 | 5.9      | 3.9            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS10(N)   | 12:58 | 1.0      | Surface | 1          | 2         | 27.37           | 7.80 | 25.76         | 86.50 | 5.8      | 4.0            | 6.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS10(N)   | 12:59 | 5.2      | Middle  | 2          | 1         | 27.19           | 7.79 | 26.26         | 85.60 | 5.8      | 4.0            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS10(N)   | 12:58 | 5.2      | Middle  | 2          | 2         | 27.20           | 7.79 | 26.22         | 85.40 | 5.7      | 4.1            | 6.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS10(N)   | 12:58 | 9.3      | Bottom  | 3          | 1         | 27.20           | 7.79 | 26.25         | 85.50 | 5.8      | 4.2            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | IS10(N)   | 12:59 | 9.3      | Bottom  | 3          | 2         | 27.21           | 7.79 | 26.30         | 85.60 | 5.8      | 4.2            | 7.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR3(N)    | 11:52 | 1.0      | Surface | 1          | 1         | 27.85           | 7.95 | 25.79         | 91.10 | 6.4      | 3.7            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR3(N)    | 11:53 | 1.0      | Surface | 1          | 2         | 27.85           | 7.95 | 25.80         | 92.00 | 6.5      | 3.6            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR3(N)    | 11:53 | 2.3      | Bottom  | 3          | 1         | 27.83           | 7.95 | 25.83         | 90.60 | 6.4      | 3.8            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR3(N)    | 11:52 | 2.3      | Bottom  | 3          | 2         | 27.81           | 7.96 | 25.84         | 90.00 | 6.3      | 3.9            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR4(N3)   | 12:54 | 1.0      | Surface | 1          | 1         | 27.84           | 7.93 | 25.81         | 88.90 | 6.3      | 3.3            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR4(N3)   | 12:54 | 1.0      | Surface | 1          | 2         | 27.85           | 7.93 | 25.80         | 88.60 | 6.2      | 3.3            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR4(N3)   | 12:54 | 2.9      | Bottom  | 3          | 1         | 27.32           | 7.92 | 25.92         | 87.90 | 6.2      | 3.6            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR4(N3)   | 12:54 | 2.9      | Bottom  | 3          | 2         | 27.83           | 7.92 | 25.92         | 88.40 | 6.2      | 3.6            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR5(N)    | 12:50 | 1.0      | Surface | 1          | 1         | 27.37           | 7.80 | 25.74         | 86.60 | 5.8      | 3.6            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR5(N)    | 12:50 | 1.0      | Surface | 1          | 2         | 27.39           | 7.80 | 25.74         | 87.10 | 5.9      | 3.6            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR5(N)    | 12:49 | 4.8      | Middle  | 2          | 1         | 27.23           | 7.79 | 26.13         | 85.40 | 5.8      | 3.7            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR5(N)    | 12:50 | 4.8      | Middle  | 2          | 2         | 27.25           | 7.79 | 26.13         | 85.80 | 5.8      | 3.6            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR5(N)    | 12:50 | 8.6      | Bottom  | 3          | 1         | 27.24           | 7.78 | 26.22         | 86.20 | 5.8      | 4.3            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR5(N)    | 12:49 | 8.6      | Bottom  | 3          | 2         | 27.21           | 7.80 | 26.23         | 85.40 | 5.7      | 4.2            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10A(N)  | 13:47 | 1.0      | Surface | 1          | 1         | 27.29           | 7.80 | 26.30         | 85.70 | 5.8      | 3.3            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10A(N)  | 13:46 | 1.0      | Surface | 1          | 2         | 27.30           | 7.82 | 26.27         | 85.50 | 5.7      | 3.3            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10A(N)  | 13:46 | 6.7      | Middle  | 2          | 1         | 27.01           | 7.81 | 26.96         | 83.20 | 5.6      | 3.6            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10A(N)  | 13:47 | 6.7      | Middle  | 2          | 2         | 27.03           | 7.79 | 26.89         | 82.90 | 5.6      | 3.6            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10A(N)  | 13:46 | 12.4     | Bottom  | 3          | 1         | 27.03           | 7.81 | 27.00         | 83.60 | 5.6      | 3.7            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10A(N)  | 13:47 | 12.4     | Bottom  | 3          | 2         | 27.04           | 7.80 | 26.94         | 83.30 | 5.6      | 3.7            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10B(N2) | 13:58 | 1.0      | Surface | 1          | 1         | 27.29           | 7.81 | 26.33         | 84.80 | 5.7      | 3.2            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10B(N2) | 13:57 | 1.0      | Surface | 1          | 2         | 27.29           | 7.81 | 26.34         | 84.80 | 5.7      | 3.1            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10B(N2) | 13:57 | 3.7      | Middle  | 2          | 1         | 27.13           | 7.80 | 26.64         | 83.80 | 5.6      | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10B(N2) | 13:58 | 3.7      | Middle  | 2          | 2         | 27.08           | 7.80 | 26.60         | 83.70 | 5.6      | 3.4            | 6.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10B(N2) | 13:57 | 6.3      | Bottom  | 3          | 1         | 27.13           | 7.80 | 26.73         | 84.10 | 5.6      | 3.5            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | SR10B(N2) | 13:56 | 6.3      | Bottom  | 3          | 2         | 27.11           | 7.81 | 26.79         | 84.00 | 5.6      | 3.6            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | CS2(A)    | 11:53 | 1.0      | Surface | 1          | 1         | 27.33           | 7.81 | 25.75         | 86.90 | 5.9      | 3.7            | 6.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | CS2(A)    | 11:53 | 1.0      | Surface | 1          | 2         | 27.30           | 7.81 | 25.78         | 87.20 | 5.9      | 3.8            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | CS2(A)    | 11:52 | 3.4      | Middle  | 2          | 1         | 27.17           | 7.81 | 26.22         | 85.30 | 5.7      | 4.0            | 6.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | CS2(A)    | 11:53 | 3.4      | Middle  | 2          | 2         | 27.19           | 7.80 | 26.22         | 85.50 | 5.8      | 3.8            | 6.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb | Fine              | CS2(A)    | 11:53 | 5.7      | Bottom  | 3          | 1         | 27.22           | 7.80 | 26.31         | 85.80 | 5.8      | 4.3            | 8.3      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb   | Fine              | CS2(A)    | 11:52 | 5.7      | Bottom  | 3          | 2         | 27.15           | 7.81 | 26.36         | 84.90 | 5.7      | 4.3            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:45 | 1.0      | Surface | 1          | 1         | 27.89           | 7.95 | 25.91         | 85.70 | 6.0      | 3.3            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:45 | 1.0      | Surface | 1          | 2         | 27.89           | 7.95 | 25.92         | 86.10 | 6.0      | 3.2            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:45 | 6.4      | Middle  | 2          | 1         | 27.47           | 7.91 | 26.55         | 83.60 | 5.9      | 3.4            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:44 | 6.4      | Middle  | 2          | 2         | 27.46           | 7.91 | 26.55         | 83.80 | 5.9      | 3.5            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:44 | 11.7     | Bottom  | 3          | 1         | 27.42           | 7.91 | 26.61         | 83.30 | 5.8      | 3.9            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:45 | 11.7     | Bottom  | 3          | 2         | 27.46           | 7.91 | 26.11         | 83.20 | 5.8      | 4.0            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS5       | 6:53  | 1.0      | Surface | 1          | 1         | 27.67           | 7.95 | 25.83         | 86.50 | 6.1      | 3.5            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS5       | 6:52  | 1.0      | Surface | 1          | 2         | 27.70           | 7.96 | 25.82         | 88.10 | 6.2      | 3.4            | 7.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS5       | 6:52  | 4.3      | Middle  | 2          | 1         | 27.39           | 7.93 | 26.14         | 84.30 | 5.9      | 3.7            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS5       | 6:53  | 4.3      | Middle  | 2          | 2         | 27.39           | 7.92 | 26.14         | 84.70 | 5.9      | 3.6            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS5       | 6:52  | 7.5      | Bottom  | 3          | 1         | 27.32           | 7.90 | 26.25         | 83.80 | 5.9      | 3.9            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS5       | 6:52  | 7.5      | Bottom  | 3          | 2         | 27.34           | 7.92 | 26.24         | 83.60 | 5.8      | 3.8            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)6   | 6:43  | 1.0      | Surface | 1          | 1         | 27.72           | 7.95 | 25.79         | 87.70 | 6.1      | 3.4            | 9.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)6   | 6:42  | 1.0      | Surface | 1          | 2         | 27.71           | 7.95 | 25.78         | 87.50 | 6.1      | 3.4            | 8.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)6   | 6:43  | 2.2      | Bottom  | 3          | 1         | 27.69           | 7.95 | 25.89         | 87.30 | 6.1      | 3.7            | 7.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)6   | 6:42  | 2.2      | Bottom  | 3          | 2         | 27.67           | 7.94 | 25.90         | 87.30 | 6.1      | 3.7            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS7       | 6:33  | 1.0      | Surface | 1          | 1         | 27.72           | 7.95 | 25.81         | 87.40 | 6.1      | 3.5            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS7       | 6:33  | 1.0      | Surface | 1          | 2         | 27.74           | 7.95 | 25.78         | 87.60 | 6.1      | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS7       | 6:33  | 2.3      | Bottom  | 3          | 1         | 27.70           | 7.94 | 25.87         | 87.20 | 6.1      | 3.7            | 6.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS7       | 6:33  | 2.3      | Bottom  | 3          | 2         | 27.67           | 7.94 | 25.88         | 87.20 | 6.1      | 3.6            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS8(N)    | 5:59  | 1.0      | Surface | 1          | 1         | 27.69           | 7.94 | 25.73         | 89.30 | 6.3      | 3.5            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS8(N)    | 5:58  | 1.0      | Surface | 1          | 2         | 27.71           | 7.94 | 25.72         | 88.60 | 6.2      | 3.5            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS8(N)    | 5:58  | 2.9      | Bottom  | 3          | 1         | 27.67           | 7.93 | 25.90         | 88.00 | 6.2      | 3.7            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS8(N)    | 5:58  | 2.9      | Bottom  | 3          | 2         | 27.61           | 7.94 | 25.92         | 87.10 | 6.1      | 3.7            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)9   | 6:23  | 1.0      | Surface | 1          | 1         | 27.74           | 7.95 | 25.73         | 87.50 | 6.1      | 3.4            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)9   | 6:23  | 1.0      | Surface | 1          | 2         | 27.74           | 7.96 | 25.74         | 87.30 | 6.1      | 3.4            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)9   | 6:23  | 2.5      | Bottom  | 3          | 1         | 27.71           | 7.94 | 25.88         | 86.90 | 6.1      | 3.7            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS(Mf)9   | 6:23  | 2.5      | Bottom  | 3          | 2         | 27.62           | 7.94 | 25.87         | 86.60 | 6.1      | 3.7            | 7.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS10(N)   | 6:24  | 1.0      | Surface | 1          | 1         | 27.29           | 7.80 | 26.10         | 85.70 | 5.8      | 3.6            | 6.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS10(N)   | 6:23  | 1.0      | Surface | 1          | 2         | 27.26           | 7.79 | 26.11         | 85.50 | 5.8      | 3.5            | 6.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS10(N)   | 6:24  | 5.4      | Middle  | 2          | 1         | 27.08           | 7.78 | 26.47         | 83.70 | 5.6      | 3.8            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS10(N)   | 6:23  | 5.4      | Middle  | 2          | 2         | 27.07           | 7.78 | 26.49         | 84.40 | 5.7      | 3.9            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS10(N)   | 6:23  | 9.8      | Bottom  | 3          | 1         | 27.10           | 7.78 | 26.49         | 83.90 | 5.6      | 4.3            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | IS10(N)   | 6:23  | 9.8      | Bottom  | 3          | 2         | 27.07           | 7.78 | 26.55         | 84.00 | 5.7      | 4.4            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR3(N)    | 7:04  | 1.0      | Surface | 1          | 1         | 27.72           | 7.95 | 25.83         | 86.60 | 6.1      | 3.7            | 6.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR3(N)    | 7:04  | 1.0      | Surface | 1          | 2         | 27.72           | 7.95 | 25.81         | 87.00 | 6.1      | 3.6            | 6.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR3(N)    | 7:04  | 2.3      | Bottom  | 3          | 1         | 27.69           | 7.95 | 25.90         | 86.40 | 6.0      | 3.8            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR3(N)    | 7:04  | 2.3      | Bottom  | 3          | 2         | 27.65           | 7.94 | 25.92         | 85.80 | 6.0      | 3.9            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR4(N3)   | 6:08  | 1.0      | Surface | 1          | 1         | 27.71           | 7.94 | 25.71         | 86.70 | 6.1      | 3.4            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR4(N3)   | 6:08  | 1.0      | Surface | 1          | 2         | 27.68           | 7.94 | 25.71         | 87.00 | 6.1      | 3.3            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR4(N3)   | 6:08  | 2.9      | Bottom  | 3          | 1         | 27.67           | 7.93 | 25.89         | 86.50 | 6.1      | 3.6            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR4(N3)   | 6:07  | 2.9      | Bottom  | 3          | 2         | 27.63           | 7.93 | 25.93         | 86.80 | 6.1      | 3.5            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR5(N)    | 6:34  | 1.0      | Surface | 1          | 1         | 27.23           | 7.80 | 26.14         | 85.00 | 5.7      | 3.8            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR5(N)    | 6:33  | 1.0      | Surface | 1          | 2         | 27.24           | 7.80 | 26.12         | 85.00 | 5.7      | 3.8            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR5(N)    | 6:34  | 4.9      | Middle  | 2          | 1         | 27.12           | 7.79 | 26.40         | 83.80 | 5.6      | 4.0            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR5(N)    | 6:33  | 4.9      | Middle  | 2          | 2         | 27.12           | 7.79 | 26.42         | 83.90 | 5.6      | 4.0            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR5(N)    | 6:33  | 8.8      | Bottom  | 3          | 1         | 27.11           | 7.79 | 26.48         | 84.10 | 5.7      | 4.3            | 6.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR5(N)    | 6:34  | 8.8      | Bottom  | 3          | 2         | 27.11           | 7.79 | 26.46         | 84.20 | 5.7      | 4.4            | 6.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10A(N)  | 5:32  | 1.0      | Surface | 1          | 1         | 27.33           | 7.78 | 26.26         | 84.10 | 5.6      | 3.1            | 8.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10A(N)  | 5:31  | 1.0      | Surface | 1          | 2         | 27.34           | 7.78 | 26.26         | 84.00 | 5.6      | 3.2            | 7.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10A(N)  | 5:31  | 6.9      | Middle  | 2          | 1         | 27.06           | 7.76 | 26.74         | 82.10 | 5.5      | 3.4            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10A(N)  | 5:31  | 6.9      | Middle  | 2          | 2         | 27.06           | 7.76 | 26.73         | 82.30 | 5.5      | 3.3            | 7.8      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10A(N)  | 5:30  | 12.8     | Bottom  | 3          | 1         | 27.08           | 7.76 | 26.81         | 82.20 | 5.5      | 3.8            | 6.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10A(N)  | 5:31  | 12.8     | Bottom  | 3          | 2         | 27.08           | 7.76 | 26.83         | 82.30 | 5.5      | 3.8            | 7.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10B(N2) | 5:21  | 1.0      | Surface | 1          | 1         | 27.34           | 7.78 | 26.27         | 87.70 | 5.9      | 3.1            | 6.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10B(N2) | 5:20  | 1.0      | Surface | 1          | 2         | 27.36           | 7.77 | 26.22         | 87.40 | 5.9      | 3.1            | 6.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10B(N2) | 5:20  | 3.8      | Middle  | 2          | 1         | 27.15           | 7.75 | 26.54         | 85.00 | 5.7      | 3.5            | 6.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10B(N2) | 5:21  | 3.8      | Middle  | 2          | 2         | 27.18           | 7.77 | 26.52         | 84.60 | 5.7      | 3.5            | 5.5      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10B(N2) | 5:20  | 6.5      | Bottom  | 3          | 1         | 27.06           | 7.74 | 26.80         | 83.60 | 5.6      | 3.7            | 6.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | SR10B(N2) | 5:20  | 6.5      | Bottom  | 3          | 2         | 27.17           | 7.76 | 26.72         | 83.50 | 5.6      | 3.8            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS2(A)    | 7:23  | 1.0      | Surface | 1          | 1         | 27.23           | 7.80 | 26.14         | 85.20 | 5.7      | 3.8            | 6.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS2(A)    | 7:22  | 1.0      | Surface | 1          | 2         | 27.23           | 7.80 | 26.14         | 85.10 | 5.7      | 3.8            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS2(A)    | 7:23  | 3.4      | Middle  | 2          | 1         | 27.14           | 7.79 | 26.35         | 84.40 | 5.7      | 4.0            | 7.2      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS2(A)    | 7:22  | 3.4      | Middle  | 2          | 2         | 27.14           | 7.80 | 26.34         | 84.20 | 5.7      | 4.1            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS2(A)    | 7:22  | 5.8      | Bottom  | 3          | 1         | 27.11           | 7.79 | 26.45         | 83.90 | 5.7      | 4.3            | 7.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS2(A)    | 7:22  | 5.8      | Bottom  | 3          | 2         | 27.13           | 7.79 | 26.43         | 84.10 | 5.7      | 4.5            | 6.4      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS(Mf)5   | 5:15  | 1.0      | Surface | 1          | 1         | 27.74           | 7.93 | 25.78         | 86.80 | 6.0      | 3.0            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS(Mf)5   | 5:14  | 1.0      | Surface | 1          | 2         | 27.75           | 7.92 | 25.80         | 87.10 | 6.1      | 3.1            | 6.5      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS(Mf)5   | 5:15  | 6.4      | Middle  | 2          | 1         | 27.40           | 7.90 | 26.22         | 84.90 | 5.9      | 3.3            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS(Mf)5   | 5:14  | 6.4      | Middle  | 2          | 2         | 27.44           | 7.89 | 26.23         | 85.70 | 6.0      | 3.2            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS(Mf)5   | 5:14  | 11.7     | Bottom  | 3          | 1         | 27.45           | 7.88 | 26.32         | 84.80 | 6.0      | 3.7            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-02        | Mid-Flood | Fine              | CS(Mf)5   | 5:15  | 11.7     | Bottom  | 3          | 2         | 27.42           | 7.89 | 26.29         | 84.10 | 5.6      | 3.7            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS5       | 13:52 | 1.0      | Surface | 1          | 1         | 27.39           | 7.91 | 26.12         | 94.20 | 7.3      | 4.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS5       | 13:52 | 1.0      | Surface | 1          | 2         | 27.43           | 7.92 | 26.11         | 95.00 | 7.3      | 4.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS5       | 13:52 | 4.3      | Middle  | 2          | 1         | 27.11           | 7.84 | 26.80         | 93.60 | 7.2      | 4.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS5       | 13:51 | 4.3      | Middle  | 2          | 2         | 27.09           | 7.83 | 26.86         | 92.50 | 7.1      | 4.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS5       | 13:52 | 7.6      | Bottom  | 3          | 1         | 27.06           | 7.83 | 26.94         | 93.80 | 7.2      | 4.8            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS5       | 13:51 | 7.6      | Bottom  | 3          | 2         | 27.04           | 7.83 | 26.95         | 91.70 | 7.1      | 4.9            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)6   | 14:03 | 1.0      | Surface | 1          | 1         | 27.43           | 7.92 | 26.14         | 98.90 | 7.6      | 4.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)6   | 14:03 | 1.0      | Surface | 1          | 2         | 27.43           | 7.93 | 26.13         | 97.60 | 7.5      | 4.1            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)6   | 14:03 | 2.2      | Bottom  | 3          | 1         | 27.41           | 7.91 | 26.22         | 96.60 | 7.4      | 4.2            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)6   | 14:02 | 2.2      | Bottom  | 3          | 2         | 27.38           | 7.93 | 26.20         | 94.30 | 7.3      | 4.3            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS7       | 14:13 | 1.0      | Surface | 1          | 1         | 27.44           | 7.93 | 26.26         | 97.60 | 7.5      | 3.7            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS7       | 14:13 | 1.0      | Surface | 1          | 2         | 27.43           | 7.93 | 26.26         | 95.80 | 7.4      | 3.8            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS7       | 14:13 | 2.4      | Bottom  | 3          | 1         | 27.41           | 7.93 | 26.30         | 92.00 | 7.1      | 4.0            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS7       | 14:13 | 2.4      | Bottom  | 3          | 2         | 27.42           | 7.93 | 26.29         | 94.10 | 7.2      | 4.0            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS8(N)    | 14:51 | 1.0      | Surface | 1          | 1         | 27.43           | 7.91 | 26.23         | 93.50 | 7.2      | 3.8            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS8(N)    | 14:51 | 1.0      | Surface | 1          | 2         | 27.44           | 7.90 | 26.23         | 95.70 | 7.4      | 3.7            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS8(N)    | 14:51 | 2.9      | Bottom  | 3          | 1         | 27.41           | 7.89 | 26.30         | 94.10 | 7.2      | 3.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS8(N)    | 14:51 | 2.9      | Bottom  | 3          | 2         | 27.37           | 7.90 | 26.33         | 91.90 | 7.1      | 3.9            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)9   | 14:24 | 1.0      | Surface | 1          | 1         | 27.44           | 7.92 | 26.25         | 95.30 | 7.3      | 3.7            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)9   | 14:23 | 1.0      | Surface | 1          | 2         | 27.43           | 7.92 | 26.25         | 93.20 | 7.2      | 3.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)9   | 14:23 | 2.6      | Bottom  | 3          | 1         | 27.42           | 7.92 | 26.30         | 93.80 | 7.2      | 4.0            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS(Mf)9   | 14:23 | 2.6      | Bottom  | 3          | 2         | 27.40           | 7.91 | 26.30         | 92.30 | 7.1      | 3.9            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS10(N)   | 14:31 | 1.0      | Surface | 1          | 1         | 27.46           | 7.83 | 25.81         | 87.50 | 6.0      | 3.8            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS10(N)   | 14:30 | 1.0      | Surface | 1          | 2         | 27.42           | 7.83 | 25.82         | 86.80 | 5.9      | 3.9            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS10(N)   | 14:31 | 5.2      | Middle  | 2          | 1         | 27.14           | 7.81 | 26.52         | 85.90 | 5.8      | 4.0            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS10(N)   | 14:30 | 5.2      | Middle  | 2          | 2         | 27.14           | 7.81 | 26.54         | 85.80 | 5.8      | 4.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS10(N)   | 14:30 | 9.4      | Bottom  | 3          | 1         | 27.12           | 7.81 | 26.69         | 85.30 | 5.8      | 4.1            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | IS10(N)   | 14:31 | 9.4      | Bottom  | 3          | 2         | 27.16           | 7.81 | 26.68         | 85.30 | 5.8      | 4.2            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR3(N)    | 13:41 | 1.0      | Surface | 1          | 1         | 27.40           | 7.91 | 26.15         | 96.60 | 7.5      | 4.3            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR3(N)    | 13:41 | 1.0      | Surface | 1          | 2         | 27.43           | 7.92 | 26.12         | 97.50 | 7.5      | 4.1            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR3(N)    | 13:41 | 2.2      | Bottom  | 3          | 1         | 27.39           | 7.91 | 26.21         | 95.30 | 7.3      | 4.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR3(N)    | 13:41 | 2.2      | Bottom  | 3          | 2         | 27.32           | 7.89 | 26.31         | 91.70 | 6.6      | 4.5            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR4(N3)   | 14:42 | 1.0      | Surface | 1          | 1         | 27.42           | 7.91 | 26.24         | 96.40 | 7.4      | 3.9            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR4(N3)   | 14:42 | 1.0      | Surface | 1          | 2         | 27.43           | 7.91 | 26.24         | 95.70 | 7.3      | 3.9            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR4(N3)   | 14:42 | 3.0      | Bottom  | 3          | 1         | 24.12           | 7.88 | 26.35         | 92.10 | 7.1      | 4.2            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR4(N3)   | 14:42 | 3.0      | Bottom  | 3          | 2         | 27.42           | 7.90 | 26.29         | 95.00 | 7.3      | 4.2            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR5(N)    | 14:22 | 1.0      | Surface | 1          | 1         | 27.47           | 7.84 | 25.77         | 87.90 | 6.0      | 3.7            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR5(N)    | 14:21 | 1.0      | Surface | 1          | 2         | 27.42           | 7.84 | 25.81         | 87.20 | 5.9      | 3.6            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR5(N)    | 14:20 | 4.8      | Middle  | 2          | 1         | 27.15           | 7.81 | 26.41         | 85.40 | 5.8      | 3.8            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR5(N)    | 14:21 | 4.8      | Middle  | 2          | 2         | 27.21           | 7.81 | 26.39         | 85.90 | 5.8      | 3.7            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR5(N)    | 14:21 | 8.6      | Bottom  | 3          | 1         | 27.15           | 7.80 | 26.69         | 85.70 | 5.8      | 4.4            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR5(N)    | 14:20 | 8.6      | Bottom  | 3          | 2         | 27.12           | 7.81 | 26.70         | 84.90 | 5.8      | 4.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10A(N)  | 15:23 | 1.0      | Surface | 1          | 1         | 27.34           | 7.84 | 26.66         | 87.10 | 5.9      | 3.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10A(N)  | 15:22 | 1.0      | Surface | 1          | 2         | 27.34           | 7.85 | 26.63         | 86.40 | 5.9      | 3.2            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10A(N)  | 15:22 | 6.7      | Middle  | 2          | 1         | 26.94           | 7.83 | 27.41         | 84.40 | 5.7      | 3.6            | 1.8      |



Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10A(N)  | 15:23 | 6.7      | Middle  | 2          | 2         | 26.96           | 7.81 | 27.36         | 84.30 | 5.7      | 3.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10A(N)  | 15:22 | 12.3     | Bottom  | 3          | 1         | 26.98           | 7.83 | 27.41         | 84.00 | 5.7      | 3.7            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10A(N)  | 15:23 | 12.3     | Bottom  | 3          | 2         | 26.99           | 7.82 | 27.35         | 83.90 | 5.7      | 3.7            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10B(N2) | 15:34 | 1.0      | Surface | 1          | 1         | 27.31           | 7.84 | 26.71         | 85.40 | 5.8      | 3.2            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10B(N2) | 15:33 | 1.0      | Surface | 1          | 2         | 27.31           | 7.84 | 26.70         | 85.10 | 5.8      | 3.1            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10B(N2) | 15:33 | 3.7      | Middle  | 2          | 1         | 27.12           | 7.83 | 26.99         | 84.30 | 5.7      | 3.5            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10B(N2) | 15:33 | 3.7      | Middle  | 2          | 2         | 27.07           | 7.82 | 26.99         | 84.10 | 5.7      | 3.5            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10B(N2) | 15:33 | 6.4      | Bottom  | 3          | 1         | 27.08           | 7.82 | 27.21         | 83.80 | 5.7      | 3.6            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | SR10B(N2) | 15:32 | 6.4      | Bottom  | 3          | 2         | 27.04           | 7.83 | 27.27         | 83.70 | 5.7      | 3.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS2(A)    | 13:25 | 1.0      | Surface | 1          | 1         | 27.39           | 7.84 | 25.87         | 88.80 | 6.0      | 3.6            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS2(A)    | 13:25 | 1.0      | Surface | 1          | 2         | 27.33           | 7.84 | 25.93         | 88.70 | 6.0      | 3.7            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS2(A)    | 13:25 | 3.4      | Middle  | 2          | 1         | 27.16           | 7.83 | 26.44         | 86.60 | 5.9      | 3.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS2(A)    | 13:24 | 3.4      | Middle  | 2          | 2         | 27.15           | 7.84 | 26.44         | 86.20 | 5.9      | 4.0            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS2(A)    | 13:25 | 5.7      | Bottom  | 3          | 1         | 27.17           | 7.82 | 26.73         | 86.20 | 5.9      | 4.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS2(A)    | 13:24 | 5.7      | Bottom  | 3          | 2         | 27.10           | 7.83 | 26.75         | 85.30 | 5.8      | 4.2            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS(Mf)5   | 15:29 | 1.0      | Surface | 1          | 1         | 27.45           | 7.91 | 26.28         | 91.30 | 7.0      | 3.9            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS(Mf)5   | 15:29 | 1.0      | Surface | 1          | 2         | 27.44           | 7.91 | 26.29         | 93.40 | 7.2      | 3.9            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS(Mf)5   | 15:29 | 6.3      | Middle  | 2          | 1         | 26.98           | 7.82 | 27.09         | 89.00 | 6.8      | 4.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS(Mf)5   | 15:28 | 6.3      | Middle  | 2          | 2         | 26.97           | 7.82 | 27.11         | 89.70 | 6.9      | 4.1            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS(Mf)5   | 15:28 | 11.5     | Bottom  | 3          | 1         | 26.97           | 7.83 | 27.10         | 85.90 | 6.6      | 4.3            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Ebb   | Fine              | CS(Mf)5   | 15:29 | 11.5     | Bottom  | 3          | 2         | 27.01           | 7.83 | 26.84         | 86.90 | 6.7      | 4.4            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS5       | 9:24  | 1.0      | Surface | 1          | 1         | 27.34           | 7.92 | 26.12         | 91.20 | 6.1      | 4.2            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS5       | 9:23  | 1.0      | Surface | 1          | 2         | 27.36           | 7.92 | 26.11         | 91.50 | 6.1      | 4.2            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS5       | 9:23  | 4.3      | Middle  | 2          | 1         | 26.92           | 7.83 | 26.95         | 85.30 | 5.7      | 4.7            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS5       | 9:23  | 4.3      | Middle  | 2          | 2         | 26.94           | 7.83 | 26.91         | 86.10 | 5.8      | 4.7            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS5       | 9:23  | 7.5      | Bottom  | 3          | 1         | 26.89           | 7.82 | 27.02         | 82.60 | 5.5      | 5.0            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS5       | 9:22  | 7.5      | Bottom  | 3          | 2         | 26.89           | 7.82 | 27.01         | 82.60 | 5.5      | 4.9            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)6   | 9:14  | 1.0      | Surface | 1          | 1         | 27.37           | 7.92 | 26.11         | 95.60 | 6.4      | 3.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)6   | 9:13  | 1.0      | Surface | 1          | 2         | 27.36           | 7.92 | 26.11         | 95.30 | 6.3      | 4.0            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)6   | 9:13  | 2.3      | Bottom  | 3          | 1         | 27.29           | 7.89 | 26.25         | 94.80 | 6.3      | 4.3            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)6   | 9:13  | 2.3      | Bottom  | 3          | 2         | 27.25           | 7.88 | 26.31         | 95.00 | 6.3      | 4.3            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS7       | 9:04  | 1.0      | Surface | 1          | 1         | 27.37           | 7.91 | 26.11         | 93.70 | 6.3      | 4.3            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS7       | 9:04  | 1.0      | Surface | 1          | 2         | 27.36           | 7.92 | 26.12         | 93.00 | 6.2      | 4.2            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS7       | 9:04  | 2.4      | Bottom  | 3          | 1         | 27.28           | 7.88 | 26.26         | 92.60 | 6.2      | 4.4            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS7       | 9:03  | 2.4      | Bottom  | 3          | 2         | 27.25           | 7.87 | 26.30         | 91.40 | 6.1      | 4.3            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS8(N)    | 8:28  | 1.0      | Surface | 1          | 1         | 27.35           | 7.91 | 26.08         | 94.50 | 6.3      | 4.2            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS8(N)    | 8:28  | 1.0      | Surface | 1          | 2         | 27.33           | 7.90 | 26.12         | 93.80 | 6.3      | 4.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS8(N)    | 8:28  | 2.9      | Bottom  | 3          | 1         | 27.19           | 7.85 | 26.44         | 91.80 | 6.1      | 4.5            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS8(N)    | 8:28  | 2.9      | Bottom  | 3          | 2         | 27.18           | 7.86 | 26.44         | 91.90 | 6.1      | 4.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)9   | 8:53  | 1.0      | Surface | 1          | 1         | 27.37           | 7.91 | 26.09         | 93.30 | 6.2      | 4.1            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)9   | 8:53  | 1.0      | Surface | 1          | 2         | 27.37           | 7.92 | 26.10         | 92.30 | 6.2      | 4.2            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)9   | 8:53  | 2.6      | Bottom  | 3          | 1         | 27.17           | 7.85 | 26.43         | 91.10 | 6.1      | 4.4            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS(Mf)9   | 8:53  | 2.6      | Bottom  | 3          | 2         | 27.24           | 7.86 | 26.39         | 92.40 | 6.2      | 4.6            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS10(N)   | 8:49  | 1.0      | Surface | 1          | 1         | 27.31           | 7.83 | 26.15         | 87.00 | 5.9      | 3.5            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS10(N)   | 8:50  | 1.0      | Surface | 1          | 2         | 27.34           | 7.84 | 26.16         | 87.10 | 5.9      | 3.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS10(N)   | 8:49  | 5.4      | Middle  | 2          | 1         | 27.04           | 7.80 | 26.69         | 85.40 | 5.8      | 3.8            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS10(N)   | 8:49  | 5.4      | Middle  | 2          | 2         | 27.04           | 7.80 | 26.69         | 85.50 | 5.8      | 3.8            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS10(N)   | 8:49  | 9.7      | Bottom  | 3          | 1         | 27.03           | 7.80 | 26.78         | 84.60 | 5.8      | 4.2            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | IS10(N)   | 8:48  | 9.7      | Bottom  | 3          | 2         | 27.04           | 7.80 | 26.80         | 84.60 | 5.8      | 4.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR3(N)    | 9:35  | 1.0      | Surface | 1          | 1         | 27.35           | 7.92 | 26.14         | 94.70 | 6.3      | 4.1            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR3(N)    | 9:34  | 1.0      | Surface | 1          | 2         | 27.36           | 7.92 | 26.14         | 93.20 | 6.2      | 4.2            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR3(N)    | 9:34  | 2.3      | Bottom  | 3          | 1         | 27.32           | 7.91 | 26.22         | 94.00 | 6.3      | 4.2            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR3(N)    | 9:34  | 2.3      | Bottom  | 3          | 2         | 27.27           | 7.90 | 26.28         | 91.50 | 6.1      | 4.4            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR4(N3)   | 8:37  | 1.0      | Surface | 1          | 1         | 27.34           | 7.91 | 26.09         | 92.40 | 6.2      | 4.1            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR4(N3)   | 8:38  | 1.0      | Surface | 1          | 2         | 27.34           | 7.91 | 26.10         | 90.80 | 6.1      | 4.1            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR4(N3)   | 8:37  | 2.9      | Bottom  | 3          | 1         | 27.17           | 7.84 | 26.51         | 89.90 | 6.0      | 4.4            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR4(N3)   | 8:37  | 2.9      | Bottom  | 3          | 2         | 27.14           | 7.84 | 26.55         | 90.70 | 6.1      | 4.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR5(N)    | 8:59  | 1.0      | Surface | 1          | 1         | 27.27           | 7.84 | 26.19         | 86.30 | 5.9      | 3.6            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR5(N)    | 8:59  | 1.0      | Surface | 1          | 2         | 27.29           | 7.84 | 26.18         | 86.10 | 5.9      | 3.6            | 2.3      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR5(N)    | 8:59  | 4.9      | Middle  | 2          | 1         | 27.06           | 7.81 | 26.64         | 84.80  | 5.8      | 3.9            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR5(N)    | 8:58  | 4.9      | Middle  | 2          | 2         | 27.06           | 7.81 | 26.64         | 84.80  | 5.8      | 3.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR5(N)    | 8:59  | 8.7      | Bottom  | 3          | 1         | 27.03           | 7.81 | 26.79         | 84.50  | 5.7      | 4.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR5(N)    | 8:58  | 8.7      | Bottom  | 3          | 2         | 27.04           | 7.81 | 26.79         | 84.30  | 5.7      | 4.2            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10A(N)  | 7:56  | 1.0      | Surface | 1          | 1         | 27.38           | 7.82 | 26.34         | 85.60  | 5.8      | 3.1            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10A(N)  | 7:55  | 1.0      | Surface | 1          | 2         | 27.41           | 7.81 | 26.32         | 85.50  | 5.8      | 3.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10A(N)  | 7:55  | 6.8      | Middle  | 2          | 1         | 27.02           | 7.78 | 27.02         | 83.30  | 5.6      | 3.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10A(N)  | 7:55  | 6.8      | Middle  | 2          | 2         | 27.03           | 7.78 | 27.00         | 84.00  | 5.7      | 3.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10A(N)  | 7:54  | 12.5     | Bottom  | 3          | 1         | 27.07           | 7.78 | 27.01         | 82.80  | 5.6      | 3.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10A(N)  | 7:55  | 12.5     | Bottom  | 3          | 2         | 27.07           | 7.78 | 27.04         | 82.80  | 5.6      | 3.8            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10B(N2) | 7:45  | 1.0      | Surface | 1          | 1         | 27.39           | 7.81 | 26.33         | 89.60  | 6.1      | 3.2            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10B(N2) | 7:44  | 1.0      | Surface | 1          | 2         | 27.40           | 7.79 | 26.31         | 89.30  | 6.1      | 3.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10B(N2) | 7:44  | 3.8      | Middle  | 2          | 1         | 27.14           | 7.77 | 26.68         | 86.10  | 5.9      | 3.5            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10B(N2) | 7:45  | 3.8      | Middle  | 2          | 2         | 27.15           | 7.78 | 26.69         | 85.40  | 5.8      | 3.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10B(N2) | 7:45  | 6.5      | Bottom  | 3          | 1         | 27.14           | 7.77 | 26.94         | 85.00  | 5.8      | 3.8            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | SR10B(N2) | 7:44  | 6.5      | Bottom  | 3          | 2         | 27.05           | 7.75 | 27.01         | 85.00  | 5.8      | 3.7            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS2(A)    | 9:49  | 1.0      | Surface | 1          | 1         | 27.29           | 7.84 | 26.19         | 86.60  | 5.9      | 3.9            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS2(A)    | 9:49  | 1.0      | Surface | 1          | 2         | 27.26           | 7.84 | 26.21         | 86.20  | 5.9      | 3.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS2(A)    | 9:49  | 3.4      | Middle  | 2          | 1         | 27.12           | 7.83 | 26.52         | 85.70  | 5.8      | 4.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS2(A)    | 9:49  | 3.4      | Middle  | 2          | 2         | 27.10           | 7.84 | 26.49         | 85.00  | 5.8      | 4.2            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS2(A)    | 9:48  | 5.7      | Bottom  | 3          | 1         | 27.06           | 7.82 | 26.76         | 84.40  | 5.7      | 4.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS2(A)    | 9:49  | 5.7      | Bottom  | 3          | 2         | 27.10           | 7.82 | 26.71         | 84.90  | 5.8      | 4.6            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS(Mf)5   | 7:52  | 1.0      | Surface | 1          | 1         | 27.38           | 7.90 | 26.11         | 88.90  | 5.9      | 4.3            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS(Mf)5   | 7:53  | 1.0      | Surface | 1          | 2         | 27.36           | 7.90 | 26.12         | 90.50  | 6.0      | 4.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS(Mf)5   | 7:52  | 6.4      | Middle  | 2          | 1         | 26.91           | 7.81 | 27.01         | 85.80  | 5.7      | 4.6            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS(Mf)5   | 7:52  | 6.4      | Middle  | 2          | 2         | 26.93           | 7.81 | 27.02         | 84.60  | 5.6      | 4.4            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS(Mf)5   | 7:52  | 11.7     | Bottom  | 3          | 1         | 27.04           | 7.83 | 26.89         | 81.50  | 5.3      | 4.9            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-04        | Mid-Flood | Fine              | CS(Mf)5   | 7:51  | 11.7     | Bottom  | 3          | 2         | 26.97           | 7.80 | 26.67         | 83.30  | 5.6      | 4.7            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS5       | 15:43 | 1.0      | Surface | 1          | 1         | 28.70           | 7.97 | 27.31         | 100.60 | 7.3      | 4.0            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS5       | 15:44 | 1.0      | Surface | 1          | 2         | 28.77           | 7.98 | 27.31         | 101.70 | 7.4      | 4.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS5       | 15:44 | 4.3      | Middle  | 2          | 1         | 28.49           | 7.94 | 27.84         | 100.00 | 7.3      | 4.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS5       | 15:43 | 4.3      | Middle  | 2          | 2         | 28.46           | 7.93 | 27.88         | 99.30  | 7.2      | 4.4            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS5       | 15:44 | 7.5      | Bottom  | 3          | 1         | 28.45           | 7.93 | 27.90         | 100.20 | 7.3      | 4.4            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS5       | 15:43 | 7.5      | Bottom  | 3          | 2         | 28.44           | 7.93 | 27.93         | 99.00  | 7.2      | 4.5            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:55 | 1.0      | Surface | 1          | 1         | 28.72           | 7.98 | 27.32         | 103.40 | 7.5      | 3.7            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:55 | 1.0      | Surface | 1          | 2         | 28.70           | 7.99 | 27.31         | 102.10 | 7.4      | 3.7            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:55 | 2.2      | Bottom  | 3          | 1         | 28.69           | 7.97 | 27.45         | 100.80 | 7.3      | 4.1            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:54 | 2.2      | Bottom  | 3          | 2         | 28.64           | 7.99 | 27.43         | 98.40  | 7.2      | 4.2            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS7       | 16:05 | 1.0      | Surface | 1          | 1         | 28.73           | 7.99 | 27.38         | 103.10 | 7.5      | 3.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS7       | 16:04 | 1.0      | Surface | 1          | 2         | 28.70           | 7.98 | 27.39         | 102.00 | 7.4      | 3.8            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS7       | 16:04 | 2.3      | Bottom  | 3          | 1         | 28.66           | 7.98 | 27.53         | 99.90  | 7.2      | 4.1            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS7       | 16:04 | 2.3      | Bottom  | 3          | 2         | 28.69           | 7.98 | 27.50         | 101.00 | 7.3      | 4.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS8(N)    | 16:40 | 1.0      | Surface | 1          | 1         | 28.70           | 7.97 | 27.35         | 99.70  | 7.2      | 3.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS8(N)    | 16:40 | 1.0      | Surface | 1          | 2         | 28.70           | 7.97 | 27.33         | 101.20 | 7.4      | 3.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS8(N)    | 16:40 | 3.0      | Bottom  | 3          | 1         | 28.68           | 7.96 | 27.47         | 100.10 | 7.3      | 4.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS8(N)    | 16:40 | 3.0      | Bottom  | 3          | 2         | 28.62           | 7.96 | 27.54         | 98.70  | 7.2      | 4.1            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:15 | 1.0      | Surface | 1          | 1         | 28.72           | 7.98 | 27.38         | 101.90 | 7.4      | 3.6            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:15 | 1.0      | Surface | 1          | 2         | 28.71           | 7.98 | 27.38         | 100.50 | 7.3      | 3.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:15 | 2.6      | Bottom  | 3          | 1         | 28.68           | 7.97 | 27.54         | 100.80 | 7.3      | 3.9            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:14 | 2.6      | Bottom  | 3          | 2         | 28.64           | 7.97 | 27.53         | 99.90  | 7.2      | 3.8            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS10(N)   | 16:43 | 1.0      | Surface | 1          | 1         | 28.62           | 7.93 | 27.12         | 92.20  | 6.4      | 3.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS10(N)   | 16:42 | 1.0      | Surface | 1          | 2         | 28.57           | 7.93 | 27.14         | 91.40  | 6.3      | 3.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS10(N)   | 16:42 | 5.2      | Middle  | 2          | 1         | 28.25           | 7.90 | 27.83         | 90.80  | 6.2      | 4.1            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS10(N)   | 16:42 | 5.2      | Middle  | 2          | 2         | 28.25           | 7.90 | 27.83         | 90.50  | 6.2      | 4.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS10(N)   | 16:42 | 9.4      | Bottom  | 3          | 1         | 28.25           | 7.90 | 27.95         | 90.00  | 6.2      | 4.3            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | IS10(N)   | 16:42 | 9.4      | Bottom  | 3          | 2         | 28.24           | 7.90 | 27.94         | 90.30  | 6.2      | 4.2            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR3(N)    | 15:33 | 1.0      | Surface | 1          | 1         | 28.73           | 7.97 | 27.34         | 102.10 | 7.4      | 4.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR3(N)    | 15:33 | 1.0      | Surface | 1          | 2         | 28.75           | 7.98 | 27.34         | 103.20 | 7.5      | 4.0            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR3(N)    | 15:33 | 2.2      | Bottom  | 3          | 1         | 28.72           | 7.98 | 27.41         | 101.00 | 7.3      | 4.1            | 1.8      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR3(N)    | 15:33 | 2.2      | Bottom  | 3          | 2         | 28.66           | 7.96 | 27.46         | 98.00  | 6.8      | 4.3            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR4(N3)   | 16:31 | 1.0      | Surface | 1          | 1         | 28.69           | 7.97 | 27.38         | 101.00 | 7.3      | 3.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR4(N3)   | 16:31 | 1.0      | Surface | 1          | 2         | 28.69           | 7.97 | 27.36         | 100.50 | 7.3      | 3.9            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR4(N3)   | 16:31 | 2.9      | Bottom  | 3          | 1         | 28.67           | 7.96 | 27.51         | 99.60  | 7.2      | 4.1            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR4(N3)   | 16:31 | 2.9      | Bottom  | 3          | 2         | 27.02           | 7.95 | 27.51         | 97.60  | 7.1      | 4.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR5(N)    | 16:33 | 1.0      | Surface | 1          | 1         | 28.60           | 7.94 | 27.13         | 93.20  | 6.4      | 3.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR5(N)    | 16:32 | 1.0      | Surface | 1          | 2         | 28.56           | 7.94 | 27.14         | 92.50  | 6.4      | 3.8            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR5(N)    | 16:32 | 4.7      | Middle  | 2          | 1         | 28.30           | 7.91 | 27.71         | 90.10  | 6.2      | 4.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR5(N)    | 16:33 | 4.7      | Middle  | 2          | 2         | 28.31           | 7.91 | 27.71         | 90.40  | 6.2      | 3.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR5(N)    | 16:33 | 8.4      | Bottom  | 3          | 1         | 28.25           | 7.90 | 27.95         | 90.60  | 6.2      | 4.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR5(N)    | 16:32 | 8.4      | Bottom  | 3          | 2         | 28.23           | 7.91 | 27.96         | 90.00  | 6.2      | 4.5            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10A(N)  | 17:32 | 1.0      | Surface | 1          | 1         | 28.44           | 7.94 | 27.76         | 92.30  | 6.3      | 3.3            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10A(N)  | 17:31 | 1.0      | Surface | 1          | 2         | 28.50           | 7.95 | 27.72         | 92.10  | 6.3      | 3.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10A(N)  | 17:31 | 6.6      | Middle  | 2          | 1         | 28.17           | 7.93 | 28.40         | 90.30  | 6.2      | 3.8            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10A(N)  | 17:32 | 6.6      | Middle  | 2          | 2         | 28.18           | 7.92 | 28.37         | 90.10  | 6.2      | 3.7            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10A(N)  | 17:31 | 12.1     | Bottom  | 3          | 1         | 28.18           | 7.93 | 28.43         | 90.50  | 6.2      | 3.8            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10A(N)  | 17:31 | 12.1     | Bottom  | 3          | 2         | 28.21           | 7.93 | 28.38         | 90.50  | 6.2      | 3.9            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10B(N2) | 17:42 | 1.0      | Surface | 1          | 1         | 28.47           | 7.94 | 27.79         | 91.20  | 6.2      | 3.2            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10B(N2) | 17:43 | 1.0      | Surface | 1          | 2         | 28.48           | 7.94 | 27.80         | 91.70  | 6.3      | 3.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10B(N2) | 17:42 | 3.7      | Middle  | 2          | 1         | 28.30           | 7.93 | 28.12         | 90.50  | 6.2      | 3.5            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10B(N2) | 17:43 | 3.7      | Middle  | 2          | 2         | 28.28           | 7.92 | 28.10         | 90.40  | 6.2      | 3.5            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10B(N2) | 17:42 | 6.3      | Bottom  | 3          | 1         | 28.22           | 7.93 | 28.32         | 89.80  | 6.2      | 3.7            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | SR10B(N2) | 17:43 | 6.3      | Bottom  | 3          | 2         | 28.28           | 7.92 | 28.25         | 89.80  | 6.1      | 3.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS2(A)    | 15:41 | 1.0      | Surface | 1          | 1         | 28.54           | 7.95 | 27.19         | 95.50  | 6.6      | 3.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS2(A)    | 15:40 | 1.0      | Surface | 1          | 2         | 28.52           | 7.95 | 27.22         | 95.60  | 6.6      | 3.8            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS2(A)    | 15:40 | 3.3      | Middle  | 2          | 1         | 28.31           | 7.93 | 27.69         | 92.70  | 6.4      | 4.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS2(A)    | 15:41 | 3.3      | Middle  | 2          | 2         | 28.36           | 7.93 | 27.70         | 93.20  | 6.4      | 4.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS2(A)    | 15:40 | 5.6      | Bottom  | 3          | 1         | 28.28           | 7.93 | 27.93         | 92.30  | 6.4      | 4.4            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS2(A)    | 15:41 | 5.6      | Bottom  | 3          | 2         | 28.31           | 7.92 | 27.92         | 93.40  | 6.4      | 4.4            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:21 | 1.0      | Surface | 1          | 1         | 28.66           | 7.96 | 27.42         | 93.70  | 6.8      | 3.6            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:22 | 1.0      | Surface | 1          | 2         | 28.65           | 7.96 | 27.42         | 95.20  | 6.9      | 3.5            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:22 | 6.3      | Middle  | 2          | 1         | 27.99           | 7.88 | 28.24         | 91.40  | 6.7      | 3.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:21 | 6.3      | Middle  | 2          | 2         | 27.98           | 7.89 | 28.26         | 91.40  | 6.7      | 3.8            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:21 | 11.5     | Bottom  | 3          | 1         | 27.97           | 7.89 | 28.24         | 89.40  | 6.5      | 4.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:21 | 11.5     | Bottom  | 3          | 2         | 28.00           | 7.89 | 27.43         | 89.90  | 6.5      | 4.1            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS5       | 11:25 | 1.0      | Surface | 1          | 1         | 28.50           | 7.97 | 27.39         | 94.70  | 6.4      | 4.1            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS5       | 11:24 | 1.0      | Surface | 1          | 2         | 28.53           | 7.98 | 27.38         | 95.80  | 6.5      | 4.0            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS5       | 11:24 | 4.3      | Middle  | 2          | 1         | 28.09           | 7.90 | 28.05         | 90.70  | 6.1      | 4.4            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS5       | 11:25 | 4.3      | Middle  | 2          | 2         | 28.08           | 7.90 | 28.04         | 91.20  | 6.2      | 4.4            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS5       | 11:25 | 7.5      | Bottom  | 3          | 1         | 27.97           | 7.89 | 28.17         | 88.60  | 6.0      | 4.7            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS5       | 11:24 | 7.5      | Bottom  | 3          | 2         | 28.09           | 7.89 | 28.15         | 88.80  | 6.0      | 4.7            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)6   | 11:15 | 1.0      | Surface | 1          | 1         | 28.60           | 7.99 | 27.40         | 100.60 | 6.8      | 3.9            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)6   | 11:14 | 1.0      | Surface | 1          | 2         | 28.58           | 7.99 | 27.40         | 100.40 | 6.8      | 3.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)6   | 11:15 | 2.3      | Bottom  | 3          | 1         | 28.53           | 7.97 | 27.54         | 100.10 | 6.7      | 4.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)6   | 11:14 | 2.3      | Bottom  | 3          | 2         | 28.49           | 7.96 | 27.58         | 100.20 | 6.8      | 4.1            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS7       | 11:05 | 1.0      | Surface | 1          | 1         | 28.60           | 7.98 | 27.39         | 99.30  | 6.7      | 3.8            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS7       | 11:05 | 1.0      | Surface | 1          | 2         | 28.57           | 7.98 | 27.43         | 98.70  | 6.7      | 3.8            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS7       | 11:05 | 2.3      | Bottom  | 3          | 1         | 28.52           | 7.96 | 27.54         | 98.50  | 6.7      | 4.4            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS7       | 11:05 | 2.3      | Bottom  | 3          | 2         | 28.49           | 7.95 | 27.57         | 97.90  | 6.6      | 4.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS8(N)    | 10:33 | 1.0      | Surface | 1          | 1         | 28.53           | 7.97 | 27.38         | 99.00  | 6.7      | 3.9            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS8(N)    | 10:33 | 1.0      | Surface | 1          | 2         | 28.56           | 7.97 | 27.39         | 98.10  | 6.6      | 3.9            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS8(N)    | 10:33 | 3.0      | Bottom  | 3          | 1         | 28.42           | 7.94 | 27.71         | 97.20  | 6.6      | 4.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS8(N)    | 10:33 | 3.0      | Bottom  | 3          | 2         | 28.42           | 7.95 | 27.72         | 96.40  | 6.5      | 4.3            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)9   | 10:55 | 1.0      | Surface | 1          | 1         | 28.62           | 7.98 | 27.37         | 99.00  | 6.7      | 3.8            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)9   | 10:55 | 1.0      | Surface | 1          | 2         | 28.60           | 7.99 | 27.38         | 98.20  | 6.6      | 3.9            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)9   | 10:54 | 2.5      | Bottom  | 3          | 1         | 28.45           | 7.95 | 27.60         | 96.40  | 6.5      | 4.3            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS(Mf)9   | 10:55 | 2.5      | Bottom  | 3          | 2         | 28.54           | 7.95 | 27.61         | 97.60  | 6.6      | 4.4            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS10(N)   | 11:10 | 1.0      | Surface | 1          | 1         | 28.44           | 7.93 | 27.27         | 92.00  | 6.4      | 3.6            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS10(N)   | 11:10 | 1.0      | Surface | 1          | 2         | 28.47           | 7.94 | 27.28         | 92.20  | 6.4      | 3.7            | 2.7      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS10(N)   | 11:10 | 5.3      | Middle  | 2          | 1         | 28.22           | 7.90 | 27.83         | 90.40 | 6.2      | 4.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS10(N)   | 11:09 | 5.3      | Middle  | 2          | 2         | 28.24           | 7.90 | 27.81         | 90.60 | 6.2      | 4.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS10(N)   | 11:10 | 9.6      | Bottom  | 3          | 1         | 28.25           | 7.90 | 27.93         | 90.50 | 6.2      | 4.3            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | IS10(N)   | 11:09 | 9.6      | Bottom  | 3          | 2         | 28.23           | 7.90 | 27.94         | 90.30 | 6.2      | 4.4            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR3(N)    | 11:36 | 1.0      | Surface | 1          | 1         | 28.56           | 7.98 | 27.40         | 98.30 | 6.6      | 4.0            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR3(N)    | 11:35 | 1.0      | Surface | 1          | 2         | 28.55           | 7.98 | 27.41         | 96.90 | 6.5      | 4.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR3(N)    | 11:36 | 2.3      | Bottom  | 3          | 1         | 28.53           | 7.97 | 27.53         | 96.80 | 6.5      | 4.2            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR3(N)    | 11:35 | 2.3      | Bottom  | 3          | 2         | 28.44           | 7.96 | 27.58         | 94.70 | 6.4      | 4.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR4(N3)   | 10:40 | 1.0      | Surface | 1          | 1         | 28.56           | 7.98 | 27.37         | 96.90 | 6.6      | 3.7            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR4(N3)   | 10:40 | 1.0      | Surface | 1          | 2         | 28.51           | 7.97 | 27.37         | 97.80 | 6.6      | 3.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR4(N3)   | 10:40 | 2.9      | Bottom  | 3          | 1         | 28.41           | 7.93 | 27.71         | 96.30 | 6.5      | 4.0            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR4(N3)   | 10:40 | 2.9      | Bottom  | 3          | 2         | 28.37           | 7.94 | 27.77         | 97.00 | 6.6      | 4.1            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR5(N)    | 11:20 | 1.0      | Surface | 1          | 1         | 28.40           | 7.93 | 27.30         | 91.20 | 6.3      | 3.8            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR5(N)    | 11:19 | 1.0      | Surface | 1          | 2         | 28.41           | 7.93 | 27.29         | 91.20 | 6.3      | 3.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR5(N)    | 11:20 | 4.8      | Middle  | 2          | 1         | 28.24           | 7.91 | 27.77         | 89.80 | 6.2      | 4.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR5(N)    | 11:19 | 4.8      | Middle  | 2          | 2         | 28.25           | 7.91 | 27.77         | 90.00 | 6.2      | 4.1            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR5(N)    | 11:19 | 8.5      | Bottom  | 3          | 1         | 28.20           | 7.90 | 27.96         | 89.90 | 6.2      | 4.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR5(N)    | 11:20 | 8.5      | Bottom  | 3          | 2         | 28.21           | 7.90 | 27.95         | 89.90 | 6.2      | 4.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10A(N)  | 10:17 | 1.0      | Surface | 1          | 1         | 28.49           | 7.93 | 27.44         | 90.30 | 6.2      | 3.3            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10A(N)  | 10:16 | 1.0      | Surface | 1          | 2         | 28.52           | 7.92 | 27.44         | 90.40 | 6.2      | 3.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10A(N)  | 10:17 | 6.6      | Middle  | 2          | 1         | 28.21           | 7.89 | 28.05         | 88.60 | 6.1      | 3.5            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10A(N)  | 10:16 | 6.6      | Middle  | 2          | 2         | 28.21           | 7.89 | 28.05         | 88.90 | 6.1      | 3.6            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10A(N)  | 10:16 | 12.2     | Bottom  | 3          | 1         | 28.23           | 7.89 | 28.13         | 88.80 | 6.1      | 3.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10A(N)  | 10:16 | 12.2     | Bottom  | 3          | 2         | 28.28           | 7.89 | 28.15         | 88.80 | 6.1      | 3.9            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10B(N2) | 10:06 | 1.0      | Surface | 1          | 1         | 28.52           | 7.92 | 27.44         | 94.80 | 6.5      | 3.4            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10B(N2) | 10:06 | 1.0      | Surface | 1          | 2         | 28.53           | 7.91 | 27.43         | 94.50 | 6.5      | 3.4            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10B(N2) | 10:05 | 3.7      | Middle  | 2          | 1         | 28.32           | 7.88 | 27.84         | 91.80 | 6.3      | 3.7            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10B(N2) | 10:06 | 3.7      | Middle  | 2          | 2         | 28.33           | 7.89 | 27.76         | 90.90 | 6.3      | 3.6            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10B(N2) | 10:06 | 6.4      | Bottom  | 3          | 1         | 28.28           | 7.89 | 28.07         | 90.30 | 6.2      | 3.9            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | SR10B(N2) | 10:05 | 6.4      | Bottom  | 3          | 2         | 27.43           | 7.87 | 28.11         | 90.40 | 6.2      | 3.8            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS2(A)    | 12:07 | 1.0      | Surface | 1          | 1         | 28.43           | 7.93 | 27.28         | 92.10 | 6.4      | 3.9            | 0.9      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS2(A)    | 12:07 | 1.0      | Surface | 1          | 2         | 28.41           | 7.94 | 27.30         | 91.90 | 6.4      | 3.9            | 0.7      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS2(A)    | 12:07 | 3.3      | Middle  | 2          | 1         | 28.31           | 7.92 | 27.59         | 91.30 | 6.3      | 4.1            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS2(A)    | 12:07 | 3.3      | Middle  | 2          | 2         | 28.31           | 7.93 | 27.57         | 90.70 | 6.3      | 4.2            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS2(A)    | 12:06 | 5.6      | Bottom  | 3          | 1         | 28.25           | 7.91 | 27.84         | 90.60 | 6.2      | 4.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS2(A)    | 12:07 | 5.6      | Bottom  | 3          | 2         | 28.29           | 7.92 | 27.82         | 90.90 | 6.3      | 4.6            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS(Mf)5   | 9:49  | 1.0      | Surface | 1          | 1         | 28.50           | 7.96 | 27.42         | 94.60 | 6.4      | 3.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS(Mf)5   | 9:49  | 1.0      | Surface | 1          | 2         | 28.50           | 7.96 | 27.41         | 95.90 | 6.5      | 3.9            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS(Mf)5   | 9:49  | 6.3      | Middle  | 2          | 1         | 28.09           | 7.91 | 28.10         | 91.80 | 6.2      | 4.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS(Mf)5   | 9:48  | 6.3      | Middle  | 2          | 2         | 28.13           | 7.91 | 28.10         | 91.60 | 6.2      | 4.1            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS(Mf)5   | 9:49  | 11.6     | Bottom  | 3          | 1         | 28.13           | 7.91 | 28.09         | 89.20 | 6.0      | 4.4            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-07        | Mid-Flood | Fine              | CS(Mf)5   | 9:48  | 11.6     | Bottom  | 3          | 2         | 27.37           | 7.90 | 27.97         | 89.80 | 6.1      | 4.3            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS5       | 7:21  | 1.0      | Surface | 1          | 1         | 28.45           | 8.10 | 24.65         | 94.50 | 6.8      | 2.4            | 0.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS5       | 7:20  | 1.0      | Surface | 1          | 2         | 28.48           | 8.11 | 24.64         | 95.50 | 6.8      | 2.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS5       | 7:20  | 4.3      | Middle  | 2          | 1         | 28.22           | 8.05 | 28.38         | 81.10 | 5.8      | 2.6            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS5       | 7:20  | 4.3      | Middle  | 2          | 2         | 28.21           | 8.05 | 28.37         | 81.60 | 5.8      | 2.6            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS5       | 7:20  | 7.5      | Bottom  | 3          | 1         | 28.15           | 8.04 | 28.46         | 80.30 | 5.8      | 2.7            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS5       | 7:19  | 7.5      | Bottom  | 3          | 2         | 28.22           | 8.04 | 28.45         | 80.00 | 5.7      | 2.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)6   | 7:08  | 1.0      | Surface | 1          | 1         | 28.51           | 8.11 | 24.66         | 98.10 | 7.0      | 2.3            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)6   | 7:08  | 1.0      | Surface | 1          | 2         | 28.50           | 8.11 | 24.65         | 97.50 | 6.9      | 2.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)6   | 7:08  | 2.3      | Bottom  | 3          | 1         | 28.45           | 8.09 | 24.74         | 97.40 | 6.9      | 2.5            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)6   | 7:08  | 2.3      | Bottom  | 3          | 2         | 28.47           | 8.10 | 24.72         | 97.20 | 6.9      | 2.5            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS7       | 6:59  | 1.0      | Surface | 1          | 1         | 28.51           | 8.10 | 24.65         | 97.40 | 6.9      | 2.1            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS7       | 6:59  | 1.0      | Surface | 1          | 2         | 28.50           | 8.10 | 24.67         | 97.00 | 6.9      | 2.1            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS7       | 6:59  | 2.3      | Bottom  | 3          | 1         | 28.48           | 8.08 | 24.72         | 96.90 | 6.9      | 2.5            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS7       | 6:59  | 2.3      | Bottom  | 3          | 2         | 28.46           | 8.08 | 24.74         | 96.50 | 6.9      | 2.5            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS8(N)    | 6:25  | 1.0      | Surface | 1          | 1         | 28.47           | 8.07 | 24.64         | 97.40 | 7.0      | 2.3            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS8(N)    | 6:25  | 1.0      | Surface | 1          | 2         | 28.50           | 8.07 | 24.64         | 96.60 | 6.9      | 2.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS8(N)    | 6:25  | 3.0      | Bottom  | 3          | 1         | 28.42           | 8.05 | 24.81         | 96.00 | 6.8      | 2.4            | 2.0      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS8(N)    | 6:25  | 3.0      | Bottom  | 3          | 2         | 28.41           | 8.06 | 24.82         | 95.70  | 6.8      | 2.6            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:49  | 1.0      | Surface | 1          | 1         | 28.52           | 8.10 | 24.64         | 96.80  | 6.9      | 2.1            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:49  | 1.0      | Surface | 1          | 2         | 28.53           | 8.10 | 24.64         | 97.30  | 6.9      | 2.2            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:49  | 2.5      | Bottom  | 3          | 1         | 28.49           | 8.07 | 24.75         | 96.30  | 6.9      | 2.6            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:49  | 2.5      | Bottom  | 3          | 2         | 28.42           | 8.07 | 24.75         | 95.80  | 6.8      | 2.6            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS10(N)   | 6:41  | 1.0      | Surface | 1          | 1         | 28.49           | 8.05 | 23.61         | 93.30  | 6.7      | 2.6            | 1.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS10(N)   | 6:42  | 1.0      | Surface | 1          | 2         | 28.51           | 8.04 | 23.68         | 93.30  | 6.7      | 2.6            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS10(N)   | 6:42  | 5.5      | Middle  | 2          | 1         | 28.40           | 8.01 | 27.78         | 78.90  | 5.7      | 3.0            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS10(N)   | 6:41  | 5.5      | Middle  | 2          | 2         | 28.41           | 8.01 | 27.78         | 79.30  | 5.7      | 2.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS10(N)   | 6:42  | 10.0     | Bottom  | 3          | 1         | 28.43           | 8.02 | 27.81         | 79.30  | 5.7      | 3.4            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | IS10(N)   | 6:41  | 10.0     | Bottom  | 3          | 2         | 28.42           | 8.02 | 27.86         | 79.40  | 5.7      | 3.4            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR3(N)    | 7:29  | 1.0      | Surface | 1          | 1         | 28.48           | 8.10 | 28.01         | 96.30  | 6.9      | 2.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR3(N)    | 7:29  | 1.0      | Surface | 1          | 2         | 28.48           | 8.10 | 28.02         | 95.00  | 6.8      | 2.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR3(N)    | 7:29  | 2.4      | Bottom  | 3          | 1         | 28.47           | 8.10 | 28.09         | 95.00  | 6.8      | 2.8            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR3(N)    | 7:29  | 2.4      | Bottom  | 3          | 2         | 28.42           | 8.09 | 28.12         | 93.70  | 6.7      | 2.9            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR4(N3)   | 6:34  | 1.0      | Surface | 1          | 1         | 28.47           | 8.08 | 24.64         | 96.60  | 6.9      | 2.0            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR4(N3)   | 6:34  | 1.0      | Surface | 1          | 2         | 28.50           | 8.08 | 24.64         | 96.10  | 6.9      | 1.9            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR4(N3)   | 6:34  | 2.8      | Bottom  | 3          | 1         | 28.41           | 8.05 | 24.82         | 95.80  | 6.8      | 2.2            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR4(N3)   | 6:34  | 2.8      | Bottom  | 3          | 2         | 28.38           | 8.06 | 24.84         | 96.20  | 6.9      | 2.1            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR5(N)    | 6:52  | 1.0      | Surface | 1          | 1         | 28.48           | 8.03 | 23.68         | 92.10  | 6.6      | 2.6            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR5(N)    | 6:51  | 1.0      | Surface | 1          | 2         | 28.48           | 8.03 | 23.58         | 92.40  | 6.6      | 2.6            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR5(N)    | 6:51  | 4.6      | Middle  | 2          | 1         | 28.42           | 8.01 | 27.74         | 78.70  | 5.6      | 2.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR5(N)    | 6:51  | 4.6      | Middle  | 2          | 2         | 28.42           | 8.00 | 27.74         | 78.30  | 5.6      | 2.7            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR5(N)    | 6:51  | 8.2      | Bottom  | 3          | 1         | 28.43           | 8.00 | 27.85         | 78.70  | 5.6      | 3.3            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR5(N)    | 6:50  | 8.2      | Bottom  | 3          | 2         | 28.41           | 8.01 | 27.86         | 78.90  | 5.7      | 3.2            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10A(N)  | 5:50  | 1.0      | Surface | 1          | 1         | 28.53           | 8.01 | 23.88         | 91.20  | 6.5      | 1.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10A(N)  | 5:49  | 1.0      | Surface | 1          | 2         | 28.55           | 8.00 | 23.44         | 91.50  | 6.6      | 1.8            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10A(N)  | 5:48  | 6.5      | Middle  | 2          | 1         | 28.37           | 7.98 | 28.11         | 77.60  | 5.5      | 1.9            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10A(N)  | 5:49  | 6.5      | Middle  | 2          | 2         | 28.37           | 7.98 | 28.09         | 77.10  | 5.5      | 1.9            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10A(N)  | 5:48  | 11.9     | Bottom  | 3          | 1         | 28.40           | 7.98 | 28.23         | 77.70  | 5.6      | 2.3            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10A(N)  | 5:49  | 11.9     | Bottom  | 3          | 2         | 28.43           | 7.98 | 28.29         | 77.40  | 5.5      | 2.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10B(N2) | 5:39  | 1.0      | Surface | 1          | 1         | 28.55           | 8.00 | 24.02         | 95.70  | 6.8      | 1.8            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10B(N2) | 5:39  | 1.0      | Surface | 1          | 2         | 28.56           | 8.00 | 24.04         | 96.30  | 6.9      | 1.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10B(N2) | 5:39  | 3.6      | Middle  | 2          | 1         | 28.45           | 7.99 | 27.95         | 78.90  | 5.7      | 2.0            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10B(N2) | 5:38  | 3.6      | Middle  | 2          | 2         | 28.44           | 7.97 | 28.03         | 80.20  | 5.7      | 2.0            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10B(N2) | 5:38  | 6.2      | Bottom  | 3          | 1         | 28.00           | 7.97 | 28.28         | 78.90  | 5.6      | 2.2            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | SR10B(N2) | 5:39  | 6.2      | Bottom  | 3          | 2         | 28.44           | 7.98 | 28.26         | 78.70  | 5.6      | 2.3            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS2(A)    | 7:41  | 1.0      | Surface | 1          | 1         | 28.43           | 8.05 | 23.16         | 94.00  | 6.8      | 2.9            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS2(A)    | 7:40  | 1.0      | Surface | 1          | 2         | 28.43           | 8.06 | 23.49         | 93.40  | 6.7      | 2.9            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS2(A)    | 7:41  | 3.3      | Middle  | 2          | 1         | 28.37           | 8.04 | 27.64         | 80.00  | 5.7      | 3.1            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS2(A)    | 7:40  | 3.3      | Middle  | 2          | 2         | 28.39           | 8.06 | 27.63         | 78.90  | 5.7      | 3.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS2(A)    | 7:40  | 5.6      | Bottom  | 3          | 1         | 28.39           | 8.04 | 27.85         | 78.30  | 5.6      | 3.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS2(A)    | 7:40  | 5.6      | Bottom  | 3          | 2         | 28.38           | 8.05 | 27.86         | 78.10  | 5.6      | 3.4            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:42  | 1.0      | Surface | 1          | 1         | 28.45           | 8.06 | 24.67         | 96.30  | 6.9      | 2.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:43  | 1.0      | Surface | 1          | 2         | 28.45           | 8.07 | 24.67         | 96.90  | 6.9      | 2.4            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:43  | 6.3      | Middle  | 2          | 1         | 28.20           | 8.04 | 28.44         | 83.00  | 5.9      | 2.7            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:42  | 6.3      | Middle  | 2          | 2         | 28.23           | 8.03 | 28.44         | 83.10  | 5.9      | 2.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:42  | 11.6     | Bottom  | 3          | 1         | 28.19           | 8.02 | 28.39         | 82.20  | 5.9      | 2.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:43  | 11.6     | Bottom  | 3          | 2         | 28.22           | 8.03 | 28.45         | 81.70  | 5.8      | 2.8            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS5       | 12:19 | 1.0      | Surface | 1          | 1         | 28.57           | 8.08 | 24.61         | 98.30  | 7.3      | 2.7            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS5       | 12:20 | 1.0      | Surface | 1          | 2         | 28.61           | 8.08 | 24.62         | 99.10  | 7.3      | 2.7            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS5       | 12:19 | 4.2      | Middle  | 2          | 1         | 28.46           | 8.06 | 28.26         | 86.30  | 6.4      | 3.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS5       | 12:19 | 4.2      | Middle  | 2          | 2         | 28.44           | 8.05 | 28.27         | 86.00  | 6.4      | 3.0            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS5       | 12:19 | 7.3      | Bottom  | 3          | 1         | 28.43           | 8.05 | 28.31         | 85.90  | 6.4      | 3.0            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS5       | 12:19 | 7.3      | Bottom  | 3          | 2         | 28.43           | 8.05 | 28.29         | 86.40  | 6.4      | 3.1            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)6   | 12:30 | 1.0      | Surface | 1          | 1         | 28.63           | 8.08 | 24.60         | 101.00 | 7.5      | 2.8            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)6   | 12:30 | 1.0      | Surface | 1          | 2         | 28.62           | 8.08 | 24.59         | 100.10 | 7.4      | 2.8            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)6   | 12:30 | 2.2      | Bottom  | 3          | 1         | 28.61           | 8.07 | 24.65         | 99.40  | 7.3      | 3.4            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)6   | 12:30 | 2.2      | Bottom  | 3          | 2         | 28.58           | 8.08 | 24.65         | 97.80  | 7.2      | 3.5            | 1.8      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS7       | 12:40 | 1.0      | Surface | 1          | 1         | 28.64           | 8.09 | 24.63         | 101.10 | 7.5      | 2.1            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS7       | 12:40 | 1.0      | Surface | 1          | 2         | 28.63           | 8.09 | 24.64         | 100.50 | 7.4      | 2.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS7       | 12:40 | 2.3      | Bottom  | 3          | 1         | 28.62           | 8.09 | 24.68         | 99.90  | 7.4      | 2.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS7       | 12:40 | 2.3      | Bottom  | 3          | 2         | 28.59           | 8.09 | 24.69         | 99.30  | 7.3      | 2.6            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS8(N)    | 13:16 | 1.0      | Surface | 1          | 1         | 28.64           | 8.05 | 24.59         | 98.10  | 7.2      | 2.5            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS8(N)    | 13:16 | 1.0      | Surface | 1          | 2         | 28.66           | 8.06 | 24.57         | 98.80  | 7.3      | 2.4            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS8(N)    | 13:16 | 2.9      | Bottom  | 3          | 1         | 28.63           | 8.04 | 24.64         | 98.10  | 7.2      | 2.8            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS8(N)    | 13:16 | 2.9      | Bottom  | 3          | 2         | 28.60           | 8.04 | 24.68         | 97.40  | 7.2      | 2.8            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)9   | 12:50 | 1.0      | Surface | 1          | 1         | 28.63           | 8.08 | 24.63         | 100.40 | 7.4      | 2.6            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)9   | 12:50 | 1.0      | Surface | 1          | 2         | 28.63           | 8.08 | 24.63         | 99.70  | 7.4      | 2.6            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)9   | 12:50 | 2.5      | Bottom  | 3          | 1         | 28.61           | 8.08 | 24.70         | 99.80  | 7.4      | 2.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS(Mf)9   | 12:50 | 2.5      | Bottom  | 3          | 2         | 28.58           | 8.07 | 24.69         | 99.30  | 7.3      | 2.8            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS10(N)   | 13:29 | 1.0      | Surface | 1          | 1         | 28.79           | 8.03 | 24.23         | 94.90  | 6.8      | 2.5            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS10(N)   | 13:29 | 1.0      | Surface | 1          | 2         | 28.76           | 8.04 | 24.26         | 94.50  | 6.8      | 2.5            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS10(N)   | 13:29 | 5.3      | Middle  | 2          | 1         | 28.42           | 8.02 | 27.52         | 80.30  | 5.8      | 2.8            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS10(N)   | 13:28 | 5.3      | Middle  | 2          | 2         | 28.42           | 8.02 | 27.45         | 80.20  | 5.8      | 2.8            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS10(N)   | 13:29 | 9.5      | Bottom  | 3          | 1         | 28.45           | 8.02 | 27.67         | 80.10  | 5.7      | 3.0            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | IS10(N)   | 13:28 | 9.5      | Bottom  | 3          | 2         | 28.45           | 8.02 | 27.66         | 80.30  | 5.8      | 2.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR3(N)    | 12:08 | 1.0      | Surface | 1          | 1         | 28.60           | 8.06 | 27.98         | 98.90  | 7.3      | 2.9            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR3(N)    | 12:09 | 1.0      | Surface | 1          | 2         | 28.60           | 8.07 | 27.98         | 99.70  | 7.4      | 2.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR3(N)    | 12:08 | 2.4      | Bottom  | 3          | 1         | 28.56           | 8.06 | 28.04         | 96.80  | 7.0      | 3.0            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR3(N)    | 12:08 | 2.4      | Bottom  | 3          | 2         | 28.58           | 8.08 | 28.02         | 98.40  | 7.3      | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR4(N3)   | 13:05 | 1.0      | Surface | 1          | 1         | 28.63           | 8.06 | 24.60         | 98.30  | 7.3      | 2.0            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR4(N3)   | 13:05 | 1.0      | Surface | 1          | 2         | 28.64           | 8.06 | 24.60         | 98.00  | 7.2      | 2.1            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR4(N3)   | 13:05 | 2.8      | Bottom  | 3          | 1         | 28.63           | 8.05 | 24.67         | 97.40  | 7.2      | 2.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR4(N3)   | 13:05 | 2.8      | Bottom  | 3          | 2         | 27.80           | 8.04 | 24.67         | 96.40  | 7.1      | 2.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR5(N)    | 13:20 | 1.0      | Surface | 1          | 1         | 28.74           | 8.05 | 23.33         | 95.10  | 6.8      | 2.9            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR5(N)    | 13:19 | 1.0      | Surface | 1          | 2         | 28.64           | 8.06 | 23.56         | 94.20  | 6.8      | 2.9            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR5(N)    | 13:19 | 4.6      | Middle  | 2          | 1         | 28.46           | 8.04 | 27.37         | 79.90  | 5.7      | 3.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR5(N)    | 13:19 | 4.6      | Middle  | 2          | 2         | 28.45           | 8.04 | 27.39         | 79.30  | 5.7      | 3.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR5(N)    | 13:19 | 8.1      | Bottom  | 3          | 1         | 28.46           | 8.02 | 27.72         | 80.00  | 5.7      | 3.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR5(N)    | 13:19 | 8.1      | Bottom  | 3          | 2         | 28.45           | 8.04 | 27.73         | 79.00  | 5.7      | 3.4            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10A(N)  | 14:22 | 1.0      | Surface | 1          | 1         | 28.54           | 8.04 | 23.98         | 92.80  | 6.6      | 1.8            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10A(N)  | 14:21 | 1.0      | Surface | 1          | 2         | 28.58           | 8.06 | 24.21         | 92.90  | 6.6      | 1.8            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10A(N)  | 14:21 | 6.5      | Middle  | 2          | 1         | 28.37           | 8.05 | 28.50         | 78.30  | 5.6      | 2.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10A(N)  | 14:22 | 6.5      | Middle  | 2          | 2         | 28.38           | 8.03 | 28.48         | 78.00  | 5.5      | 2.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10A(N)  | 14:21 | 11.9     | Bottom  | 3          | 1         | 28.38           | 8.05 | 28.54         | 78.30  | 5.6      | 2.5            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10A(N)  | 14:21 | 11.9     | Bottom  | 3          | 2         | 28.39           | 8.03 | 28.51         | 78.30  | 5.6      | 2.6            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10B(N2) | 14:31 | 1.0      | Surface | 1          | 1         | 28.56           | 8.04 | 23.72         | 91.70  | 6.5      | 1.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10B(N2) | 14:32 | 1.0      | Surface | 1          | 2         | 28.57           | 8.04 | 24.09         | 92.10  | 6.6      | 1.8            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10B(N2) | 14:32 | 3.6      | Middle  | 2          | 1         | 28.46           | 8.02 | 28.19         | 78.30  | 5.6      | 2.2            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10B(N2) | 14:31 | 3.6      | Middle  | 2          | 2         | 28.47           | 8.03 | 28.21         | 78.30  | 5.6      | 2.3            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10B(N2) | 14:31 | 6.1      | Bottom  | 3          | 1         | 28.42           | 8.03 | 28.41         | 78.10  | 5.6      | 2.5            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | SR10B(N2) | 14:32 | 6.1      | Bottom  | 3          | 2         | 28.46           | 8.02 | 28.34         | 78.20  | 5.6      | 2.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS2(A)    | 12:27 | 1.0      | Surface | 1          | 1         | 28.62           | 8.06 | 23.77         | 97.20  | 7.0      | 2.8            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS2(A)    | 12:27 | 1.0      | Surface | 1          | 2         | 28.55           | 8.05 | 23.77         | 96.60  | 6.9      | 2.9            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS2(A)    | 12:27 | 3.3      | Middle  | 2          | 1         | 28.40           | 8.05 | 27.64         | 81.00  | 5.8      | 3.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS2(A)    | 12:27 | 3.3      | Middle  | 2          | 2         | 28.42           | 8.05 | 27.63         | 81.90  | 5.9      | 3.1            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS2(A)    | 12:26 | 5.6      | Bottom  | 3          | 1         | 28.41           | 8.05 | 27.97         | 79.40  | 5.7      | 3.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS2(A)    | 12:27 | 5.6      | Bottom  | 3          | 2         | 28.41           | 8.04 | 27.96         | 80.60  | 5.8      | 3.4            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS(Mf)5   | 13:58 | 1.0      | Surface | 1          | 1         | 28.64           | 8.08 | 24.75         | 93.60  | 6.9      | 1.9            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS(Mf)5   | 13:57 | 1.0      | Surface | 1          | 2         | 28.64           | 8.07 | 24.75         | 92.90  | 6.8      | 2.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS(Mf)5   | 13:58 | 6.3      | Middle  | 2          | 1         | 28.23           | 8.00 | 28.69         | 80.70  | 6.0      | 2.4            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS(Mf)5   | 13:57 | 6.3      | Middle  | 2          | 2         | 28.24           | 8.00 | 28.69         | 80.70  | 6.0      | 2.3            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS(Mf)5   | 13:57 | 11.6     | Bottom  | 3          | 1         | 28.25           | 8.01 | 28.26         | 80.20  | 5.9      | 2.4            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-09        | Mid-Flood | Fine              | CS(Mf)5   | 13:57 | 11.6     | Bottom  | 3          | 2         | 28.24           | 8.00 | 28.68         | 80.30  | 5.9      | 2.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb   | Fine              | IS5       | 10:29 | 1.0      | Surface | 1          | 1         | 28.60           | 7.97 | 23.26         | 101.90 | 7.2      | 2.0            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb   | Fine              | IS5       | 10:28 | 1.0      | Surface | 1          | 2         | 28.64           | 7.98 | 23.26         | 98.10  | 6.8      | 2.0            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb   | Fine              | IS5       | 10:28 | 4.2      | Middle  | 2          | 1         | 28.33           | 7.92 | 28.39         | 90.00  | 6.2      | 2.3            | 3.6      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide    | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|---------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS5       | 10:29 | 4.2      | Middle  | 2          | 2         | 28.32           | 7.92 | 28.39         | 90.10  | 6.2      | 2.3            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS5       | 10:29 | 7.4      | Bottom  | 3          | 1         | 28.26           | 7.91 | 28.47         | 71.40  | 5.0      | 2.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS5       | 10:28 | 7.4      | Bottom  | 3          | 2         | 28.31           | 7.92 | 28.45         | 71.40  | 4.9      | 2.6            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)6   | 10:18 | 1.0      | Surface | 1          | 1         | 28.68           | 7.98 | 23.24         | 95.80  | 6.6      | 1.8            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)6   | 10:17 | 1.0      | Surface | 1          | 2         | 28.66           | 7.98 | 23.24         | 95.40  | 6.6      | 1.8            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)6   | 10:17 | 2.2      | Bottom  | 3          | 1         | 28.60           | 7.96 | 23.34         | 95.20  | 6.6      | 2.1            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)6   | 10:17 | 2.2      | Bottom  | 3          | 2         | 28.63           | 7.97 | 23.32         | 95.20  | 6.6      | 2.1            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS7       | 10:08 | 1.0      | Surface | 1          | 1         | 28.69           | 7.97 | 23.22         | 95.80  | 6.6      | 1.8            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS7       | 10:08 | 1.0      | Surface | 1          | 2         | 28.66           | 7.97 | 23.26         | 95.30  | 6.6      | 1.8            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS7       | 10:08 | 2.3      | Bottom  | 3          | 1         | 28.64           | 7.96 | 23.31         | 95.10  | 6.6      | 2.3            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS7       | 10:08 | 2.3      | Bottom  | 3          | 2         | 28.61           | 7.96 | 23.32         | 95.00  | 6.6      | 2.3            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS8(N)    | 9:33  | 1.0      | Surface | 1          | 1         | 28.63           | 7.96 | 23.18         | 95.10  | 6.6      | 2.6            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS8(N)    | 9:32  | 1.0      | Surface | 1          | 2         | 28.66           | 7.96 | 23.17         | 94.50  | 6.6      | 2.5            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS8(N)    | 9:32  | 3.0      | Bottom  | 3          | 1         | 28.58           | 7.94 | 23.39         | 94.10  | 6.5      | 2.9            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS8(N)    | 9:32  | 3.0      | Bottom  | 3          | 2         | 28.53           | 7.95 | 23.41         | 93.40  | 6.5      | 2.9            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)9   | 9:57  | 1.0      | Surface | 1          | 1         | 28.68           | 7.98 | 23.22         | 94.50  | 6.5      | 2.3            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)9   | 9:57  | 1.0      | Surface | 1          | 2         | 28.70           | 7.97 | 23.21         | 95.20  | 6.6      | 2.3            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)9   | 9:57  | 2.5      | Bottom  | 3          | 1         | 28.65           | 7.95 | 23.32         | 94.10  | 6.5      | 2.8            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | IS(Mf)9   | 9:56  | 2.5      | Bottom  | 3          | 2         | 28.57           | 7.96 | 23.32         | 93.40  | 6.5      | 2.7            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | IS10(N)   | 9:50  | 1.0      | Surface | 1          | 1         | 28.22           | 7.96 | 25.82         | 94.70  | 7.1      | 2.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | IS10(N)   | 9:51  | 1.0      | Surface | 1          | 2         | 28.22           | 7.97 | 25.83         | 96.60  | 7.2      | 2.5            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | IS10(N)   | 9:50  | 5.3      | Middle  | 2          | 1         | 28.20           | 7.92 | 25.92         | 91.10  | 6.8      | 2.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | IS10(N)   | 9:51  | 5.3      | Middle  | 2          | 2         | 28.17           | 7.91 | 26.10         | 91.30  | 6.8      | 2.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | IS10(N)   | 9:50  | 9.6      | Bottom  | 3          | 1         | 28.12           | 7.89 | 26.58         | 89.90  | 6.7      | 3.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | IS10(N)   | 9:51  | 9.6      | Bottom  | 3          | 2         | 28.12           | 7.88 | 26.48         | 90.30  | 6.7      | 3.0            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR3(N)    | 10:39 | 1.0      | Surface | 1          | 1         | 28.66           | 7.97 | 23.25         | 94.10  | 6.5      | 1.9            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR3(N)    | 10:39 | 1.0      | Surface | 1          | 2         | 28.65           | 7.97 | 23.26         | 93.10  | 6.5      | 2.0            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR3(N)    | 10:39 | 2.4      | Bottom  | 3          | 1         | 28.63           | 7.97 | 23.33         | 92.90  | 6.4      | 2.3            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR3(N)    | 10:39 | 2.4      | Bottom  | 3          | 2         | 28.57           | 7.96 | 23.36         | 91.80  | 6.4      | 2.3            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR4(N3)   | 9:42  | 1.0      | Surface | 1          | 1         | 28.61           | 7.96 | 23.17         | 94.00  | 6.5      | 2.3            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR4(N3)   | 9:42  | 1.0      | Surface | 1          | 2         | 28.65           | 7.96 | 23.17         | 93.60  | 6.5      | 2.1            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR4(N3)   | 9:42  | 2.9      | Bottom  | 3          | 1         | 28.56           | 7.93 | 23.41         | 93.40  | 6.5      | 2.3            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | SR4(N3)   | 9:42  | 2.9      | Bottom  | 3          | 2         | 28.53           | 7.94 | 23.43         | 93.80  | 6.5      | 2.7            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR5(N)    | 9:59  | 1.0      | Surface | 1          | 1         | 28.20           | 7.97 | 25.90         | 98.20  | 7.3      | 2.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR5(N)    | 10:00 | 1.0      | Surface | 1          | 2         | 28.21           | 7.97 | 25.87         | 98.10  | 7.3      | 2.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR5(N)    | 9:59  | 4.7      | Middle  | 2          | 1         | 28.17           | 7.93 | 26.03         | 96.00  | 7.1      | 2.6            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR5(N)    | 9:59  | 4.7      | Middle  | 2          | 2         | 28.14           | 7.93 | 26.16         | 95.40  | 7.0      | 2.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR5(N)    | 9:59  | 8.3      | Bottom  | 3          | 1         | 28.12           | 7.89 | 26.44         | 94.90  | 7.0      | 2.6            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR5(N)    | 9:59  | 8.3      | Bottom  | 3          | 2         | 28.13           | 7.89 | 26.51         | 94.70  | 7.0      | 2.6            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10A(N)  | 9:00  | 1.0      | Surface | 1          | 1         | 27.30           | 7.89 | 28.23         | 89.80  | 6.6      | 2.7            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10A(N)  | 9:01  | 1.0      | Surface | 1          | 2         | 27.24           | 7.89 | 28.36         | 89.50  | 6.6      | 2.6            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10A(N)  | 9:01  | 6.3      | Middle  | 2          | 1         | 27.10           | 7.89 | 28.69         | 89.40  | 6.6      | 2.6            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10A(N)  | 9:00  | 6.3      | Middle  | 2          | 2         | 27.12           | 7.89 | 28.65         | 89.60  | 6.6      | 2.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10A(N)  | 9:00  | 11.5     | Bottom  | 3          | 1         | 27.04           | 7.89 | 28.81         | 89.40  | 6.6      | 2.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10A(N)  | 8:59  | 11.5     | Bottom  | 3          | 2         | 27.03           | 7.89 | 28.82         | 89.60  | 6.6      | 2.7            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10B(N2) | 8:50  | 1.0      | Surface | 1          | 1         | 27.53           | 7.89 | 27.74         | 89.20  | 6.6      | 2.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10B(N2) | 8:49  | 1.0      | Surface | 1          | 2         | 27.64           | 7.89 | 27.47         | 89.30  | 6.6      | 2.4            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10B(N2) | 8:49  | 3.7      | Middle  | 2          | 1         | 27.37           | 7.89 | 28.10         | 89.00  | 6.6      | 2.7            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10B(N2) | 8:50  | 3.7      | Middle  | 2          | 2         | 27.15           | 7.89 | 28.62         | 89.10  | 6.6      | 2.6            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10B(N2) | 8:49  | 6.3      | Bottom  | 3          | 1         | 26.96           | 7.89 | 28.98         | 89.00  | 6.6      | 2.6            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | SR10B(N2) | 8:48  | 6.3      | Bottom  | 3          | 2         | 27.03           | 7.89 | 28.74         | 88.90  | 6.5      | 2.7            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | CS2(A)    | 10:50 | 1.0      | Surface | 1          | 1         | 28.15           | 7.99 | 26.22         | 104.50 | 7.7      | 2.7            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | CS2(A)    | 10:50 | 1.0      | Surface | 1          | 2         | 28.16           | 8.00 | 26.21         | 104.40 | 7.8      | 2.5            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | CS2(A)    | 10:50 | 3.1      | Middle  | 2          | 1         | 28.15           | 7.96 | 26.33         | 101.40 | 7.5      | 2.7            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | CS2(A)    | 10:50 | 3.1      | Middle  | 2          | 2         | 28.16           | 7.96 | 26.43         | 101.20 | 7.4      | 2.6            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | CS2(A)    | 10:49 | 5.2      | Bottom  | 3          | 1         | 28.16           | 7.95 | 26.51         | 101.20 | 7.4      | 3.0            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Cloudy            | CS2(A)    | 10:50 | 5.2      | Bottom  | 3          | 2         | 28.16           | 7.95 | 26.55         | 101.00 | 7.4      | 3.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | CS(Mf)5   | 8:52  | 1.0      | Surface | 1          | 1         | 28.63           | 7.95 | 23.22         | 98.40  | 6.8      | 1.7            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb | Fine              | CS(Mf)5   | 8:52  | 1.0      | Surface | 1          | 2         | 28.62           | 7.93 | 23.25         | 97.50  | 6.8      | 1.8            | 4.4      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb   | Fine              | CS(Mf)5   | 8:52  | 6.3      | Middle  | 2          | 1         | 28.28           | 7.91 | 28.48         | 90.60  | 6.3      | 2.1            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb   | Fine              | CS(Mf)5   | 8:51  | 6.3      | Middle  | 2          | 2         | 28.30           | 7.91 | 28.48         | 91.30  | 6.3      | 2.2            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb   | Fine              | CS(Mf)5   | 8:51  | 11.6     | Bottom  | 3          | 1         | 28.28           | 7.89 | 28.48         | 72.10  | 5.0      | 2.4            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Ebb   | Fine              | CS(Mf)5   | 8:52  | 11.6     | Bottom  | 3          | 2         | 28.29           | 7.90 | 28.52         | 72.50  | 5.0      | 2.4            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS5       | 21:00 | 1.0      | Surface | 1          | 1         | 28.75           | 7.96 | 23.28         | 103.40 | 7.3      | 2.1            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS5       | 21:00 | 1.0      | Surface | 1          | 2         | 28.80           | 7.96 | 23.30         | 102.30 | 7.2      | 2.1            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS5       | 21:00 | 4.2      | Middle  | 2          | 1         | 28.62           | 7.94 | 28.36         | 88.90  | 6.3      | 2.5            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS5       | 20:59 | 4.2      | Middle  | 2          | 2         | 28.59           | 7.93 | 28.37         | 89.00  | 6.3      | 2.5            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS5       | 20:59 | 7.4      | Bottom  | 3          | 1         | 28.57           | 7.93 | 28.39         | 96.50  | 6.9      | 2.6            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS5       | 21:00 | 7.4      | Bottom  | 3          | 2         | 28.60           | 7.93 | 28.37         | 95.80  | 6.8      | 2.7            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)6   | 21:11 | 1.0      | Surface | 1          | 1         | 28.81           | 7.97 | 23.26         | 99.10  | 7.0      | 2.1            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)6   | 21:10 | 1.0      | Surface | 1          | 2         | 28.79           | 7.97 | 23.26         | 98.20  | 6.9      | 2.1            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)6   | 21:11 | 2.2      | Bottom  | 3          | 1         | 28.77           | 7.96 | 23.34         | 97.40  | 6.9      | 2.7            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)6   | 21:10 | 2.2      | Bottom  | 3          | 2         | 28.72           | 7.97 | 23.34         | 96.20  | 6.8      | 2.7            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS7       | 21:20 | 1.0      | Surface | 1          | 1         | 28.83           | 7.97 | 23.23         | 99.20  | 7.0      | 1.8            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS7       | 21:20 | 1.0      | Surface | 1          | 2         | 28.81           | 7.97 | 23.24         | 98.80  | 7.0      | 2.0            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS7       | 21:20 | 2.3      | Bottom  | 3          | 1         | 28.75           | 7.97 | 23.35         | 98.20  | 6.9      | 2.2            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS7       | 21:20 | 2.3      | Bottom  | 3          | 2         | 28.78           | 7.97 | 23.32         | 98.40  | 7.0      | 2.1            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS8(N)    | 21:56 | 1.0      | Surface | 1          | 1         | 28.76           | 7.94 | 23.20         | 96.20  | 6.8      | 2.4            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS8(N)    | 21:56 | 1.0      | Surface | 1          | 2         | 28.80           | 7.96 | 23.17         | 96.80  | 6.9      | 2.3            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS8(N)    | 21:56 | 3.0      | Bottom  | 3          | 1         | 28.75           | 7.93 | 23.27         | 96.10  | 6.8      | 2.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS8(N)    | 21:56 | 3.0      | Bottom  | 3          | 2         | 28.69           | 7.93 | 23.32         | 95.60  | 6.8      | 2.7            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)9   | 21:30 | 1.0      | Surface | 1          | 1         | 28.82           | 7.97 | 23.23         | 98.70  | 7.0      | 2.0            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)9   | 21:30 | 1.0      | Surface | 1          | 2         | 28.81           | 7.96 | 23.23         | 98.10  | 6.9      | 2.1            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)9   | 21:30 | 2.5      | Bottom  | 3          | 1         | 28.78           | 7.96 | 23.34         | 98.20  | 6.9      | 2.2            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | IS(Mf)9   | 21:30 | 2.5      | Bottom  | 3          | 2         | 28.74           | 7.95 | 23.34         | 97.90  | 6.9      | 2.3            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | IS10(N)   | 21:32 | 1.0      | Surface | 1          | 1         | 28.96           | 7.89 | 24.61         | 98.50  | 7.2      | 2.2            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | IS10(N)   | 21:32 | 1.0      | Surface | 1          | 2         | 29.00           | 7.89 | 24.31         | 98.60  | 7.2      | 2.1            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | IS10(N)   | 21:32 | 5.4      | Middle  | 2          | 1         | 28.67           | 7.88 | 25.35         | 94.80  | 7.0      | 2.3            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | IS10(N)   | 21:32 | 5.4      | Middle  | 2          | 2         | 28.64           | 7.87 | 25.41         | 94.70  | 7.0      | 2.2            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | IS10(N)   | 21:32 | 9.8      | Bottom  | 3          | 1         | 28.48           | 7.86 | 26.04         | 93.50  | 6.9      | 2.4            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | IS10(N)   | 21:31 | 9.8      | Bottom  | 3          | 2         | 28.48           | 7.86 | 26.02         | 92.90  | 6.9      | 2.3            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR3(N)    | 20:49 | 1.0      | Surface | 1          | 1         | 28.81           | 7.96 | 23.27         | 98.50  | 7.0      | 2.4            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR3(N)    | 20:49 | 1.0      | Surface | 1          | 2         | 28.81           | 7.97 | 23.27         | 99.20  | 7.0      | 2.4            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR3(N)    | 20:49 | 2.3      | Bottom  | 3          | 1         | 28.80           | 7.97 | 23.31         | 97.80  | 6.9      | 2.5            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR3(N)    | 20:48 | 2.3      | Bottom  | 3          | 2         | 28.76           | 7.96 | 23.33         | 96.70  | 6.8      | 2.6            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR4(N3)   | 21:45 | 1.0      | Surface | 1          | 1         | 28.78           | 7.96 | 23.22         | 96.50  | 6.8      | 2.0            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR4(N3)   | 21:45 | 1.0      | Surface | 1          | 2         | 28.78           | 7.95 | 23.22         | 96.30  | 6.8      | 2.1            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR4(N3)   | 21:45 | 2.8      | Bottom  | 3          | 1         | 28.77           | 7.94 | 23.32         | 95.80  | 6.8      | 2.4            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | SR4(N3)   | 21:45 | 2.8      | Bottom  | 3          | 2         | 28.26           | 7.93 | 23.31         | 95.30  | 6.7      | 2.4            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR5(N)    | 21:21 | 1.0      | Surface | 1          | 1         | 28.86           | 7.90 | 24.42         | 97.00  | 7.1      | 2.6            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR5(N)    | 21:22 | 1.0      | Surface | 1          | 2         | 28.93           | 7.89 | 24.37         | 97.80  | 7.2      | 2.5            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR5(N)    | 21:21 | 4.8      | Middle  | 2          | 1         | 28.58           | 7.89 | 25.52         | 93.50  | 6.9      | 2.6            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR5(N)    | 21:22 | 4.8      | Middle  | 2          | 2         | 28.62           | 7.87 | 25.46         | 93.30  | 6.9      | 2.5            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR5(N)    | 21:22 | 8.5      | Bottom  | 3          | 1         | 28.41           | 7.87 | 26.36         | 91.70  | 6.8      | 2.7            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR5(N)    | 21:21 | 8.5      | Bottom  | 3          | 2         | 28.46           | 7.88 | 26.01         | 90.90  | 6.7      | 2.7            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10A(N)  | 22:24 | 1.0      | Surface | 1          | 1         | 28.64           | 7.91 | 26.86         | 94.10  | 6.8      | 2.3            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10A(N)  | 22:25 | 1.0      | Surface | 1          | 2         | 28.57           | 7.91 | 27.39         | 95.00  | 6.9      | 2.4            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10A(N)  | 22:24 | 6.3      | Middle  | 2          | 1         | 28.46           | 7.90 | 28.04         | 92.80  | 6.8      | 2.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10A(N)  | 22:24 | 6.3      | Middle  | 2          | 2         | 28.43           | 7.90 | 28.21         | 92.50  | 6.7      | 2.3            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10A(N)  | 22:23 | 11.5     | Bottom  | 3          | 1         | 28.16           | 7.89 | 29.14         | 90.80  | 6.6      | 2.4            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10A(N)  | 22:24 | 11.5     | Bottom  | 3          | 2         | 28.34           | 7.89 | 28.54         | 91.50  | 6.7      | 2.5            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10B(N2) | 22:34 | 1.0      | Surface | 1          | 1         | 28.55           | 7.91 | 27.44         | 94.50  | 6.9      | 2.6            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10B(N2) | 22:35 | 1.0      | Surface | 1          | 2         | 28.60           | 7.91 | 27.28         | 95.30  | 6.9      | 2.5            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10B(N2) | 22:35 | 3.7      | Middle  | 2          | 1         | 28.53           | 7.90 | 27.68         | 93.30  | 6.8      | 2.7            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10B(N2) | 22:34 | 3.7      | Middle  | 2          | 2         | 28.50           | 7.90 | 27.89         | 93.50  | 6.8      | 2.7            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10B(N2) | 22:34 | 6.4      | Bottom  | 3          | 1         | 28.54           | 7.89 | 27.73         | 93.30  | 6.8      | 2.8            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | SR10B(N2) | 22:33 | 6.4      | Bottom  | 3          | 2         | 28.52           | 7.89 | 27.98         | 93.70  | 6.8      | 2.7            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | CS2(A)    | 20:32 | 1.0      | Surface | 1          | 1         | 28.31           | 8.02 | 26.04         | 107.00 | 7.8      | 2.8            | 4.6      |



Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station  | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | CS2(A)   | 20:33 | 1.0      | Surface | 1          | 2         | 28.33           | 8.03 | 26.28         | 108.80 | 7.9      | 2.9            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | CS2(A)   | 20:33 | 3.2      | Middle  | 2          | 1         | 28.11           | 7.94 | 28.05         | 102.20 | 7.5      | 2.9            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | CS2(A)   | 20:32 | 3.2      | Middle  | 2          | 2         | 28.10           | 7.94 | 28.14         | 101.50 | 7.5      | 2.9            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | CS2(A)   | 20:32 | 5.4      | Bottom  | 3          | 1         | 28.10           | 7.93 | 28.20         | 101.10 | 7.4      | 3.2            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Cloudy            | CS2(A)   | 20:32 | 5.4      | Bottom  | 3          | 2         | 28.09           | 7.93 | 28.23         | 101.80 | 7.5      | 3.1            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | CS(Mf)5  | 22:35 | 1.0      | Surface | 1          | 1         | 28.76           | 7.96 | 23.26         | 100.90 | 7.1      | 1.6            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | CS(Mf)5  | 22:36 | 1.0      | Surface | 1          | 2         | 28.76           | 7.96 | 23.27         | 103.60 | 7.3      | 1.5            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | CS(Mf)5  | 22:36 | 6.4      | Middle  | 2          | 1         | 28.32           | 7.89 | 28.65         | 89.50  | 6.3      | 1.9            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | CS(Mf)5  | 22:35 | 6.4      | Middle  | 2          | 2         | 28.30           | 7.89 | 28.65         | 89.50  | 6.3      | 1.8            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | CS(Mf)5  | 22:35 | 11.7     | Bottom  | 3          | 1         | 28.32           | 7.89 | 28.05         | 71.10  | 5.0      | 2.1            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-11        | Mid-Flood | Fine              | CS(Mf)5  | 22:35 | 11.7     | Bottom  | 3          | 2         | 28.27           | 7.89 | 28.64         | 71.20  | 5.0      | 2.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS5      | 10:45 | 1.0      | Surface | 1          | 1         | 28.06           | 8.02 | 24.83         | 97.70  | 6.7      | 3.7            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS5      | 10:45 | 1.0      | Surface | 1          | 2         | 28.13           | 8.02 | 24.81         | 99.30  | 6.8      | 3.8            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS5      | 10:45 | 4.2      | Middle  | 2          | 1         | 27.97           | 8.01 | 25.02         | 97.20  | 6.6      | 4.4            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS5      | 10:44 | 4.2      | Middle  | 2          | 2         | 27.90           | 8.00 | 25.14         | 96.50  | 6.6      | 4.3            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS5      | 10:44 | 7.3      | Bottom  | 3          | 1         | 27.88           | 8.00 | 25.15         | 97.00  | 6.6      | 4.3            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS5      | 10:45 | 7.3      | Bottom  | 3          | 2         | 27.93           | 8.00 | 25.13         | 97.20  | 6.6      | 4.3            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)6  | 10:56 | 1.0      | Surface | 1          | 1         | 27.93           | 8.02 | 24.55         | 96.00  | 6.6      | 2.9            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)6  | 10:56 | 1.0      | Surface | 1          | 2         | 27.89           | 8.03 | 24.60         | 94.40  | 6.5      | 2.8            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)6  | 10:56 | 2.1      | Bottom  | 3          | 1         | 27.90           | 8.01 | 24.62         | 91.90  | 6.3      | 3.6            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)6  | 10:56 | 2.1      | Bottom  | 3          | 2         | 27.82           | 8.03 | 24.66         | 89.00  | 6.1      | 3.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS7      | 11:06 | 1.0      | Surface | 1          | 1         | 27.98           | 8.02 | 24.48         | 98.60  | 6.7      | 3.3            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS7      | 11:06 | 1.0      | Surface | 1          | 2         | 27.92           | 8.01 | 24.49         | 97.90  | 6.7      | 3.6            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS7      | 11:06 | 2.2      | Bottom  | 3          | 1         | 27.85           | 8.01 | 24.60         | 97.50  | 6.7      | 3.8            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS7      | 11:06 | 2.2      | Bottom  | 3          | 2         | 27.91           | 8.01 | 24.56         | 97.80  | 6.7      | 3.9            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS8(N)   | 11:41 | 1.0      | Surface | 1          | 1         | 27.84           | 7.96 | 24.07         | 94.10  | 6.5      | 3.6            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS8(N)   | 11:41 | 1.0      | Surface | 1          | 2         | 27.88           | 7.98 | 23.92         | 95.40  | 6.6      | 3.5            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS8(N)   | 11:41 | 2.8      | Bottom  | 3          | 1         | 27.84           | 7.96 | 24.18         | 94.30  | 6.5      | 3.9            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS8(N)   | 11:41 | 2.8      | Bottom  | 3          | 2         | 27.75           | 7.94 | 24.47         | 94.10  | 6.5      | 3.7            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:16 | 1.0      | Surface | 1          | 1         | 27.95           | 8.00 | 24.49         | 97.60  | 6.7      | 2.9            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:16 | 1.0      | Surface | 1          | 2         | 27.98           | 8.01 | 24.47         | 98.70  | 6.7      | 2.9            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:16 | 2.3      | Bottom  | 3          | 1         | 27.83           | 7.98 | 24.61         | 97.20  | 6.7      | 2.9            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:16 | 2.3      | Bottom  | 3          | 2         | 27.92           | 8.00 | 24.56         | 97.80  | 6.7      | 3.1            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS10(N)  | 11:30 | 1.0      | Surface | 1          | 1         | 28.82           | 7.96 | 24.67         | 98.60  | 7.5      | 2.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS10(N)  | 11:31 | 1.0      | Surface | 1          | 2         | 28.81           | 7.97 | 24.77         | 98.10  | 7.5      | 2.4            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS10(N)  | 11:30 | 5.3      | Middle  | 2          | 1         | 28.80           | 7.97 | 26.33         | 96.10  | 7.3      | 2.5            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS10(N)  | 11:31 | 5.3      | Middle  | 2          | 2         | 28.81           | 7.96 | 26.36         | 95.60  | 7.3      | 2.4            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS10(N)  | 11:30 | 9.6      | Bottom  | 3          | 1         | 28.64           | 7.93 | 28.02         | 94.80  | 7.2      | 2.8            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | IS10(N)  | 11:29 | 9.6      | Bottom  | 3          | 2         | 28.66           | 7.94 | 27.87         | 94.30  | 7.2      | 2.7            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR3(N)   | 10:33 | 1.0      | Surface | 1          | 1         | 28.10           | 8.03 | 24.75         | 98.00  | 6.7      | 3.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR3(N)   | 10:33 | 1.0      | Surface | 1          | 2         | 28.10           | 8.04 | 24.78         | 99.30  | 6.8      | 3.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR3(N)   | 10:33 | 2.2      | Bottom  | 3          | 1         | 28.05           | 8.03 | 24.79         | 93.80  | 6.4      | 3.9            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR3(N)   | 10:33 | 2.2      | Bottom  | 3          | 2         | 28.10           | 8.03 | 24.79         | 96.70  | 6.6      | 3.7            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR4(N3)  | 11:31 | 1.0      | Surface | 1          | 1         | 27.88           | 7.98 | 24.11         | 94.10  | 6.5      | 3.2            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR4(N3)  | 11:30 | 1.0      | Surface | 1          | 2         | 27.87           | 7.97 | 24.17         | 93.30  | 6.4      | 3.2            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR4(N3)  | 11:30 | 2.7      | Bottom  | 3          | 1         | 27.85           | 7.96 | 24.40         | 92.00  | 6.3      | 3.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR4(N3)  | 11:30 | 2.7      | Bottom  | 3          | 2         | 27.60           | 7.95 | 24.47         | 90.00  | 6.2      | 3.2            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR5(N)   | 11:20 | 1.0      | Surface | 1          | 1         | 28.81           | 7.96 | 24.83         | 101.10 | 7.7      | 2.6            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR5(N)   | 11:19 | 1.0      | Surface | 1          | 2         | 28.81           | 7.96 | 24.74         | 100.40 | 7.7      | 2.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR5(N)   | 11:19 | 4.6      | Middle  | 2          | 1         | 28.79           | 7.98 | 26.24         | 95.60  | 7.3      | 2.6            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR5(N)   | 11:20 | 4.6      | Middle  | 2          | 2         | 28.82           | 7.98 | 26.11         | 95.90  | 7.3      | 2.7            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR5(N)   | 11:20 | 8.2      | Bottom  | 3          | 1         | 28.69           | 7.97 | 27.58         | 93.90  | 7.1      | 2.7            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR5(N)   | 11:19 | 8.2      | Bottom  | 3          | 2         | 28.71           | 7.98 | 27.42         | 95.00  | 7.2      | 2.9            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10A(N) | 12:19 | 1.0      | Surface | 1          | 1         | 28.66           | 7.98 | 27.91         | 97.10  | 7.4      | 2.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10A(N) | 12:18 | 1.0      | Surface | 1          | 2         | 28.67           | 7.98 | 28.05         | 97.30  | 7.4      | 2.6            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10A(N) | 12:18 | 6.2      | Middle  | 2          | 1         | 28.55           | 7.98 | 28.82         | 94.80  | 7.2      | 2.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10A(N) | 12:19 | 6.2      | Middle  | 2          | 2         | 28.56           | 7.98 | 28.94         | 95.40  | 7.2      | 2.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10A(N) | 12:19 | 11.4     | Bottom  | 3          | 1         | 28.49           | 7.97 | 29.50         | 94.70  | 7.2      | 2.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10A(N) | 12:18 | 11.4     | Bottom  | 3          | 2         | 28.41           | 7.98 | 30.07         | 94.00  | 7.1      | 2.8            | 2.1      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10B(N2) | 12:27 | 1.0      | Surface | 1          | 1         | 28.67           | 7.98 | 28.02         | 98.40  | 7.4      | 2.4            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10B(N2) | 12:28 | 1.0      | Surface | 1          | 2         | 28.68           | 7.98 | 27.70         | 98.40  | 7.4      | 2.3            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10B(N2) | 12:28 | 3.6      | Middle  | 2          | 1         | 28.61           | 7.98 | 28.62         | 96.30  | 7.3      | 2.5            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10B(N2) | 12:27 | 3.6      | Middle  | 2          | 2         | 28.64           | 7.98 | 28.22         | 96.40  | 7.3      | 2.6            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10B(N2) | 12:28 | 6.2      | Bottom  | 3          | 1         | 28.52           | 7.97 | 29.25         | 95.70  | 7.2      | 2.7            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | SR10B(N2) | 12:27 | 6.2      | Bottom  | 3          | 2         | 28.53           | 7.97 | 29.24         | 95.00  | 7.2      | 2.8            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS2(A)    | 10:33 | 1.0      | Surface | 1          | 1         | 28.81           | 8.07 | 25.64         | 99.30  | 7.4      | 2.8            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS2(A)    | 10:34 | 1.0      | Surface | 1          | 2         | 28.83           | 8.05 | 25.33         | 99.60  | 7.4      | 2.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS2(A)    | 10:33 | 3.1      | Middle  | 2          | 1         | 28.76           | 8.07 | 31.49         | 99.00  | 7.3      | 2.8            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS2(A)    | 10:34 | 3.1      | Middle  | 2          | 2         | 28.78           | 8.07 | 30.79         | 99.30  | 7.4      | 2.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS2(A)    | 10:32 | 5.2      | Bottom  | 3          | 1         | 28.73           | 8.07 | 32.49         | 98.80  | 7.3      | 3.1            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS2(A)    | 10:33 | 5.2      | Bottom  | 3          | 2         | 28.71           | 8.07 | 32.52         | 98.80  | 7.3      | 3.2            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS(Mf)5   | 12:19 | 1.0      | Surface | 1          | 1         | 27.64           | 7.94 | 24.39         | 80.40  | 5.5      | 2.1            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS(Mf)5   | 12:19 | 1.0      | Surface | 1          | 2         | 27.64           | 7.95 | 24.36         | 79.20  | 5.4      | 2.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS(Mf)5   | 12:18 | 6.2      | Middle  | 2          | 1         | 26.18           | 7.83 | 25.73         | 74.80  | 5.1      | 2.2            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS(Mf)5   | 12:19 | 6.2      | Middle  | 2          | 2         | 26.20           | 7.81 | 26.07         | 76.00  | 5.2      | 2.3            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS(Mf)5   | 12:19 | 11.4     | Bottom  | 3          | 1         | 26.15           | 7.82 | 27.04         | 74.50  | 5.0      | 2.6            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Ebb   | Fine              | CS(Mf)5   | 12:18 | 11.4     | Bottom  | 3          | 2         | 26.09           | 7.84 | 26.78         | 74.10  | 5.0      | 2.5            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS5       | 5:29  | 1.0      | Surface | 1          | 1         | 27.53           | 7.93 | 24.31         | 81.60  | 5.6      | 3.6            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS5       | 5:29  | 1.0      | Surface | 1          | 2         | 27.61           | 7.95 | 24.08         | 83.60  | 5.6      | 3.4            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS5       | 5:29  | 4.2      | Middle  | 2          | 1         | 26.90           | 7.84 | 27.07         | 79.10  | 5.4      | 4.1            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS5       | 5:29  | 4.2      | Middle  | 2          | 2         | 26.82           | 7.83 | 27.31         | 79.50  | 5.4      | 3.9            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS5       | 5:29  | 7.3      | Bottom  | 3          | 1         | 26.52           | 7.82 | 29.07         | 76.70  | 5.2      | 4.0            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS5       | 5:28  | 7.3      | Bottom  | 3          | 2         | 26.93           | 7.82 | 28.65         | 76.60  | 5.2      | 4.2            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)6   | 5:18  | 1.0      | Surface | 1          | 1         | 27.76           | 7.98 | 24.60         | 93.20  | 6.3      | 3.5            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)6   | 5:18  | 1.0      | Surface | 1          | 2         | 27.72           | 7.98 | 24.58         | 93.20  | 6.3      | 3.4            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)6   | 5:18  | 2.2      | Bottom  | 3          | 1         | 27.68           | 7.97 | 24.67         | 93.00  | 6.3      | 3.6            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)6   | 5:18  | 2.2      | Bottom  | 3          | 2         | 27.72           | 7.98 | 24.64         | 93.30  | 6.3      | 3.6            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS7       | 5:08  | 1.0      | Surface | 1          | 1         | 27.70           | 7.98 | 24.65         | 91.80  | 6.3      | 3.2            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS7       | 5:09  | 1.0      | Surface | 1          | 2         | 27.75           | 7.97 | 24.60         | 92.70  | 6.3      | 3.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS7       | 5:08  | 2.2      | Bottom  | 3          | 1         | 27.69           | 7.97 | 24.69         | 92.00  | 6.3      | 4.2            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS7       | 5:08  | 2.2      | Bottom  | 3          | 2         | 27.64           | 7.97 | 24.71         | 91.90  | 6.3      | 4.3            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS8(N)    | 4:31  | 1.0      | Surface | 1          | 1         | 27.56           | 7.96 | 24.55         | 88.20  | 6.0      | 3.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS8(N)    | 4:31  | 1.0      | Surface | 1          | 2         | 27.61           | 7.97 | 24.46         | 86.80  | 5.9      | 3.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS8(N)    | 4:31  | 3.0      | Bottom  | 3          | 1         | 27.53           | 7.95 | 24.85         | 87.90  | 6.0      | 4.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS8(N)    | 4:30  | 3.0      | Bottom  | 3          | 2         | 27.58           | 7.98 | 24.78         | 85.30  | 5.8      | 3.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)9   | 4:55  | 1.0      | Surface | 1          | 1         | 27.83           | 7.98 | 24.56         | 92.10  | 6.3      | 3.4            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)9   | 4:55  | 1.0      | Surface | 1          | 2         | 27.83           | 8.01 | 24.54         | 90.90  | 6.2      | 3.6            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)9   | 4:55  | 2.5      | Bottom  | 3          | 1         | 27.82           | 7.99 | 24.59         | 89.30  | 6.1      | 4.1            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | IS(Mf)9   | 4:54  | 2.5      | Bottom  | 3          | 2         | 27.69           | 8.00 | 24.64         | 86.90  | 5.9      | 4.1            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | IS10(N)   | 5:02  | 1.0      | Surface | 1          | 1         | 28.69           | 7.93 | 22.99         | 101.90 | 7.8      | 2.5            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | IS10(N)   | 5:03  | 1.0      | Surface | 1          | 2         | 28.69           | 7.94 | 23.05         | 101.60 | 7.8      | 2.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | IS10(N)   | 5:02  | 5.5      | Middle  | 2          | 1         | 28.76           | 7.97 | 23.23         | 100.50 | 7.7      | 2.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | IS10(N)   | 5:03  | 5.5      | Middle  | 2          | 2         | 28.76           | 7.97 | 24.19         | 100.50 | 7.7      | 2.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | IS10(N)   | 5:02  | 9.9      | Bottom  | 3          | 1         | 28.78           | 7.98 | 26.62         | 100.50 | 7.6      | 2.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | IS10(N)   | 5:03  | 9.9      | Bottom  | 3          | 2         | 28.77           | 7.98 | 26.61         | 100.70 | 7.6      | 2.6            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR3(N)    | 5:41  | 1.0      | Surface | 1          | 1         | 27.64           | 7.94 | 24.07         | 86.10  | 5.9      | 3.6            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR3(N)    | 5:42  | 1.0      | Surface | 1          | 2         | 27.71           | 7.96 | 23.95         | 87.80  | 6.0      | 3.4            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR3(N)    | 5:41  | 2.3      | Bottom  | 3          | 1         | 27.67           | 7.94 | 24.81         | 84.40  | 5.8      | 3.4            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR3(N)    | 5:41  | 2.3      | Bottom  | 3          | 2         | 27.48           | 7.92 | 25.13         | 82.20  | 5.6      | 3.6            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR4(N3)   | 4:40  | 1.0      | Surface | 1          | 1         | 27.64           | 7.96 | 24.39         | 88.80  | 6.1      | 3.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR4(N3)   | 4:40  | 1.0      | Surface | 1          | 2         | 27.55           | 7.96 | 24.53         | 89.30  | 6.1      | 3.4            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR4(N3)   | 4:40  | 2.9      | Bottom  | 3          | 1         | 27.49           | 7.94 | 24.78         | 88.70  | 6.1      | 3.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | SR4(N3)   | 4:40  | 2.9      | Bottom  | 3          | 2         | 27.51           | 7.95 | 24.76         | 89.60  | 6.1      | 4.1            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR5(N)    | 5:11  | 1.0      | Surface | 1          | 1         | 28.71           | 7.94 | 23.03         | 101.60 | 7.8      | 2.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR5(N)    | 5:12  | 1.0      | Surface | 1          | 2         | 28.71           | 7.94 | 23.17         | 101.50 | 7.8      | 2.3            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR5(N)    | 5:12  | 4.7      | Middle  | 2          | 1         | 28.77           | 7.99 | 23.82         | 100.30 | 7.7      | 2.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR5(N)    | 5:11  | 4.7      | Middle  | 2          | 2         | 28.77           | 7.98 | 25.26         | 100.40 | 7.6      | 2.6            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR5(N)    | 5:11  | 8.4      | Bottom  | 3          | 1         | 28.79           | 7.98 | 26.64         | 100.90 | 7.6      | 2.6            | 2.8      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR5(N)    | 5:12  | 8.4      | Bottom  | 3          | 2         | 28.78           | 7.98 | 26.97         | 100.90 | 7.6      | 2.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10A(N)  | 4:10  | 1.0      | Surface | 1          | 1         | 28.66           | 7.93 | 27.69         | 96.90  | 7.4      | 2.3            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10A(N)  | 4:09  | 1.0      | Surface | 1          | 2         | 28.67           | 7.92 | 27.69         | 97.00  | 7.4      | 2.4            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10A(N)  | 4:09  | 6.3      | Middle  | 2          | 1         | 28.52           | 7.92 | 28.85         | 94.60  | 7.2      | 2.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10A(N)  | 4:10  | 6.3      | Middle  | 2          | 2         | 28.59           | 7.93 | 28.36         | 94.80  | 7.3      | 2.4            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10A(N)  | 4:08  | 11.6     | Bottom  | 3          | 1         | 28.40           | 7.92 | 30.10         | 93.60  | 7.1      | 2.5            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10A(N)  | 4:09  | 11.6     | Bottom  | 3          | 2         | 28.41           | 7.92 | 29.95         | 93.70  | 7.2      | 2.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10B(N2) | 4:01  | 1.0      | Surface | 1          | 1         | 28.68           | 7.89 | 27.39         | 96.10  | 7.3      | 2.2            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10B(N2) | 4:00  | 1.0      | Surface | 1          | 2         | 28.68           | 7.88 | 27.36         | 96.30  | 7.3      | 2.1            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10B(N2) | 4:01  | 3.7      | Middle  | 2          | 1         | 28.65           | 7.89 | 27.82         | 95.20  | 7.2      | 2.2            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10B(N2) | 4:00  | 3.7      | Middle  | 2          | 2         | 28.65           | 7.88 | 27.82         | 95.40  | 7.2      | 2.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10B(N2) | 4:00  | 6.4      | Bottom  | 3          | 1         | 28.53           | 7.89 | 28.82         | 94.30  | 7.1      | 2.3            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | SR10B(N2) | 4:00  | 6.4      | Bottom  | 3          | 2         | 28.56           | 7.88 | 28.54         | 94.50  | 7.2      | 2.4            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | CS2(A)    | 6:08  | 1.0      | Surface | 1          | 1         | 28.73           | 7.96 | 23.39         | 100.90 | 7.7      | 2.2            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | CS2(A)    | 6:08  | 1.0      | Surface | 1          | 2         | 28.72           | 7.96 | 23.34         | 101.00 | 7.7      | 2.2            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | CS2(A)    | 6:08  | 3.2      | Middle  | 2          | 1         | 28.76           | 7.99 | 24.93         | 100.60 | 7.6      | 2.4            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | CS2(A)    | 6:08  | 3.2      | Middle  | 2          | 2         | 28.77           | 8.00 | 23.59         | 100.50 | 7.6      | 2.4            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | CS2(A)    | 6:08  | 5.4      | Bottom  | 3          | 1         | 28.77           | 7.98 | 28.09         | 100.10 | 7.6      | 2.6            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Cloudy            | CS2(A)    | 6:08  | 5.4      | Bottom  | 3          | 2         | 28.79           | 8.00 | 27.54         | 100.00 | 7.7      | 2.5            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | CS(Mf)5   | 3:52  | 1.0      | Surface | 1          | 1         | 27.34           | 7.90 | 24.41         | 83.20  | 5.7      | 1.7            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | CS(Mf)5   | 3:52  | 1.0      | Surface | 1          | 2         | 27.34           | 7.90 | 24.38         | 84.80  | 5.8      | 1.8            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | CS(Mf)5   | 3:52  | 6.1      | Middle  | 2          | 1         | 26.83           | 7.86 | 26.06         | 80.30  | 5.5      | 1.9            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | CS(Mf)5   | 3:51  | 6.1      | Middle  | 2          | 2         | 26.91           | 7.86 | 25.71         | 82.10  | 5.6      | 2.0            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | CS(Mf)5   | 3:51  | 11.2     | Bottom  | 3          | 1         | 26.98           | 7.85 | 26.79         | 78.40  | 5.4      | 2.1            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-14        | Mid-Flood | Fine              | CS(Mf)5   | 3:52  | 11.2     | Bottom  | 3          | 2         | 26.72           | 7.83 | 27.34         | 79.20  | 5.4      | 2.1            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS5       | 12:05 | 1.0      | Surface | 1          | 1         | 28.10           | 8.13 | 22.66         | 94.10  | 6.4      | 2.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS5       | 12:04 | 1.0      | Surface | 1          | 2         | 28.08           | 8.14 | 22.64         | 96.20  | 6.6      | 2.5            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS5       | 12:04 | 4.2      | Middle  | 2          | 1         | 27.91           | 8.12 | 22.98         | 91.60  | 6.3      | 3.1            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS5       | 12:04 | 4.2      | Middle  | 2          | 2         | 27.86           | 8.13 | 23.00         | 92.50  | 6.3      | 3.0            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS5       | 12:04 | 7.3      | Bottom  | 3          | 1         | 27.77           | 8.13 | 23.64         | 92.60  | 6.3      | 3.1            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS5       | 12:04 | 7.3      | Bottom  | 3          | 2         | 27.85           | 8.11 | 23.54         | 91.30  | 6.2      | 3.0            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:15 | 1.0      | Surface | 1          | 1         | 28.13           | 8.12 | 22.99         | 98.10  | 6.7      | 2.0            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:15 | 1.0      | Surface | 1          | 2         | 28.20           | 8.13 | 22.94         | 95.00  | 6.5      | 2.0            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:15 | 2.1      | Bottom  | 3          | 1         | 28.03           | 8.12 | 23.14         | 91.20  | 6.2      | 2.3            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:15 | 2.1      | Bottom  | 3          | 2         | 28.04           | 8.13 | 23.09         | 90.80  | 6.2      | 2.3            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS7       | 12:25 | 1.0      | Surface | 1          | 1         | 28.14           | 8.15 | 22.89         | 98.40  | 6.7      | 2.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS7       | 12:25 | 1.0      | Surface | 1          | 2         | 28.10           | 8.14 | 22.90         | 98.80  | 6.7      | 2.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS7       | 12:24 | 2.2      | Bottom  | 3          | 1         | 27.79           | 8.14 | 23.08         | 99.70  | 6.8      | 2.1            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS7       | 12:25 | 2.2      | Bottom  | 3          | 2         | 27.95           | 8.14 | 23.00         | 98.30  | 6.7      | 2.2            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS8(N)    | 13:01 | 1.0      | Surface | 1          | 1         | 27.94           | 8.13 | 22.85         | 94.80  | 6.5      | 3.3            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS8(N)    | 13:01 | 1.0      | Surface | 1          | 2         | 27.91           | 8.13 | 22.83         | 96.50  | 6.6      | 3.3            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS8(N)    | 13:01 | 2.8      | Bottom  | 3          | 1         | 27.87           | 8.12 | 23.00         | 93.20  | 6.4      | 3.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS8(N)    | 13:01 | 2.8      | Bottom  | 3          | 2         | 27.89           | 8.12 | 23.06         | 93.70  | 6.4      | 3.4            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:35 | 1.0      | Surface | 1          | 1         | 27.97           | 8.14 | 22.99         | 98.10  | 6.7      | 2.2            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:36 | 1.0      | Surface | 1          | 2         | 28.26           | 8.14 | 22.85         | 97.40  | 6.6      | 2.2            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:35 | 2.5      | Bottom  | 3          | 1         | 27.97           | 8.13 | 23.00         | 99.10  | 6.8      | 2.2            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:35 | 2.5      | Bottom  | 3          | 2         | 28.13           | 8.13 | 22.94         | 97.30  | 6.6      | 2.3            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS10(N)   | 12:39 | 1.0      | Surface | 1          | 1         | 27.66           | 8.05 | 22.78         | 103.50 | 7.1      | 3.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS10(N)   | 12:40 | 1.0      | Surface | 1          | 2         | 27.85           | 8.07 | 22.65         | 105.80 | 7.3      | 3.3            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS10(N)   | 12:39 | 5.2      | Middle  | 2          | 1         | 27.12           | 7.97 | 26.00         | 93.00  | 6.5      | 3.6            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS10(N)   | 12:40 | 5.2      | Middle  | 2          | 2         | 27.13           | 7.98 | 26.10         | 96.40  | 6.7      | 3.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS10(N)   | 12:39 | 9.4      | Bottom  | 3          | 1         | 27.16           | 7.98 | 26.37         | 91.60  | 6.3      | 3.8            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | IS10(N)   | 12:40 | 9.4      | Bottom  | 3          | 2         | 27.25           | 8.00 | 26.31         | 92.80  | 6.4      | 3.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR3(N)    | 11:47 | 1.0      | Surface | 1          | 1         | 28.46           | 8.17 | 22.78         | 99.10  | 6.7      | 2.5            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR3(N)    | 11:48 | 1.0      | Surface | 1          | 2         | 28.66           | 8.17 | 22.73         | 100.10 | 6.8      | 2.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR3(N)    | 11:47 | 2.3      | Bottom  | 3          | 1         | 28.31           | 8.18 | 22.85         | 96.60  | 6.5      | 2.6            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR3(N)    | 11:48 | 2.3      | Bottom  | 3          | 2         | 28.64           | 8.16 | 22.73         | 98.00  | 6.6      | 2.5            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR4(N3)   | 12:51 | 1.0      | Surface | 1          | 1         | 27.93           | 8.13 | 22.78         | 92.70  | 6.3      | 3.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR4(N3)   | 12:51 | 1.0      | Surface | 1          | 2         | 27.84           | 8.12 | 22.86         | 96.10  | 6.6      | 3.4            | 3.3      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR4(N3)   | 12:51 | 2.7      | Bottom  | 3          | 1         | 27.87           | 8.12 | 22.99         | 90.60  | 6.2      | 3.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR4(N3)   | 12:51 | 2.7      | Bottom  | 3          | 2         | 27.63           | 8.12 | 23.23         | 90.40  | 6.2      | 3.4            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR5(N)    | 12:31 | 1.0      | Surface | 1          | 1         | 27.63           | 8.06 | 22.34         | 107.10 | 7.4      | 3.4            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR5(N)    | 12:30 | 1.0      | Surface | 1          | 2         | 27.61           | 8.06 | 22.42         | 104.30 | 7.2      | 3.5            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR5(N)    | 12:30 | 4.3      | Middle  | 2          | 1         | 27.16           | 7.99 | 25.40         | 94.00  | 6.5      | 4.2            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR5(N)    | 12:30 | 4.3      | Middle  | 2          | 2         | 27.21           | 8.00 | 25.10         | 94.60  | 6.6      | 4.1            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR5(N)    | 12:30 | 7.6      | Bottom  | 3          | 1         | 27.29           | 8.01 | 26.36         | 92.10  | 6.4      | 4.4            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR5(N)    | 12:30 | 7.6      | Bottom  | 3          | 2         | 27.19           | 8.01 | 26.44         | 91.70  | 6.4      | 4.2            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10A(N)  | 13:31 | 1.0      | Surface | 1          | 1         | 27.26           | 8.03 | 24.04         | 102.10 | 7.0      | 1.6            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10A(N)  | 13:30 | 1.0      | Surface | 1          | 2         | 27.29           | 8.04 | 24.48         | 103.10 | 7.1      | 1.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10A(N)  | 13:30 | 6.3      | Middle  | 2          | 1         | 27.05           | 8.00 | 27.43         | 93.40  | 6.4      | 2.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10A(N)  | 13:30 | 6.3      | Middle  | 2          | 2         | 27.04           | 7.99 | 27.46         | 93.90  | 6.5      | 2.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10A(N)  | 13:29 | 11.6     | Bottom  | 3          | 1         | 27.08           | 8.01 | 27.70         | 91.60  | 6.3      | 2.8            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10A(N)  | 13:30 | 11.6     | Bottom  | 3          | 2         | 27.04           | 7.99 | 27.53         | 93.60  | 6.4      | 2.6            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10B(N2) | 13:41 | 1.0      | Surface | 1          | 1         | 27.38           | 8.05 | 23.86         | 106.20 | 7.3      | 1.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10B(N2) | 13:40 | 1.0      | Surface | 1          | 2         | 27.34           | 8.04 | 23.65         | 105.00 | 7.2      | 1.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10B(N2) | 13:41 | 3.4      | Middle  | 2          | 1         | 27.21           | 8.02 | 26.57         | 97.80  | 6.7      | 1.9            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10B(N2) | 13:40 | 3.4      | Middle  | 2          | 2         | 27.14           | 8.01 | 26.95         | 96.20  | 6.6      | 2.1            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10B(N2) | 13:40 | 5.8      | Bottom  | 3          | 1         | 27.12           | 8.01 | 27.07         | 94.20  | 6.5      | 2.5            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | SR10B(N2) | 13:41 | 5.8      | Bottom  | 3          | 2         | 27.20           | 8.02 | 26.88         | 94.20  | 6.5      | 2.6            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS2(A)    | 11:39 | 1.0      | Surface | 1          | 1         | 27.55           | 8.06 | 22.56         | 103.60 | 7.2      | 2.8            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS2(A)    | 11:40 | 1.0      | Surface | 1          | 2         | 27.76           | 8.09 | 22.47         | 108.30 | 7.5      | 2.8            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS2(A)    | 11:39 | 3.2      | Middle  | 2          | 1         | 27.28           | 8.03 | 24.82         | 94.60  | 6.6      | 3.3            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS2(A)    | 11:39 | 3.2      | Middle  | 2          | 2         | 27.22           | 8.01 | 25.00         | 92.30  | 6.4      | 3.4            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS2(A)    | 11:39 | 5.4      | Bottom  | 3          | 1         | 27.09           | 7.98 | 26.40         | 86.50  | 6.0      | 3.5            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS2(A)    | 11:39 | 5.4      | Bottom  | 3          | 2         | 27.26           | 8.02 | 26.27         | 87.80  | 6.1      | 3.5            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:37 | 1.0      | Surface | 1          | 1         | 27.78           | 8.10 | 23.33         | 81.10  | 5.5      | 1.7            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:37 | 1.0      | Surface | 1          | 2         | 27.75           | 8.11 | 23.36         | 80.50  | 5.5      | 1.7            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:37 | 6.0      | Middle  | 2          | 1         | 25.82           | 8.03 | 26.05         | 77.90  | 5.3      | 1.7            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:37 | 6.0      | Middle  | 2          | 2         | 25.85           | 8.02 | 26.11         | 78.60  | 5.4      | 1.7            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:37 | 11.0     | Bottom  | 3          | 1         | 25.70           | 8.02 | 27.22         | 76.40  | 5.2      | 1.8            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:36 | 11.0     | Bottom  | 3          | 2         | 25.53           | 8.04 | 27.39         | 76.00  | 5.2      | 1.8            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS5       | 6:24  | 1.0      | Surface | 1          | 1         | 27.70           | 8.10 | 22.58         | 84.10  | 5.7      | 3.6            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS5       | 6:25  | 1.0      | Surface | 1          | 2         | 27.71           | 8.08 | 22.63         | 82.80  | 5.7      | 3.8            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS5       | 6:24  | 4.3      | Middle  | 2          | 1         | 27.20           | 8.04 | 24.21         | 81.00  | 5.5      | 3.8            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS5       | 6:24  | 4.3      | Middle  | 2          | 2         | 27.18           | 8.02 | 24.36         | 80.70  | 5.5      | 3.8            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS5       | 6:24  | 7.5      | Bottom  | 3          | 1         | 27.05           | 8.02 | 25.57         | 77.60  | 5.3      | 3.9            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS5       | 6:23  | 7.5      | Bottom  | 3          | 2         | 27.22           | 8.03 | 25.26         | 79.30  | 5.4      | 3.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)6   | 6:14  | 1.0      | Surface | 1          | 1         | 27.71           | 8.12 | 22.74         | 94.40  | 6.5      | 2.4            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)6   | 6:14  | 1.0      | Surface | 1          | 2         | 27.65           | 8.12 | 22.77         | 92.80  | 6.3      | 2.3            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)6   | 6:14  | 2.3      | Bottom  | 3          | 1         | 27.68           | 8.12 | 22.78         | 92.10  | 6.3      | 2.4            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)6   | 6:14  | 2.3      | Bottom  | 3          | 2         | 27.58           | 8.12 | 22.88         | 92.30  | 6.3      | 2.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS7       | 6:05  | 1.0      | Surface | 1          | 1         | 27.70           | 8.10 | 22.98         | 91.90  | 6.3      | 1.9            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS7       | 6:05  | 1.0      | Surface | 1          | 2         | 27.72           | 8.11 | 22.91         | 90.50  | 6.2      | 1.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS7       | 6:05  | 2.2      | Bottom  | 3          | 1         | 27.70           | 8.10 | 23.03         | 89.40  | 6.1      | 2.3            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS7       | 6:04  | 2.2      | Bottom  | 3          | 2         | 27.64           | 8.11 | 23.09         | 90.00  | 6.1      | 2.4            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS8(N)    | 5:29  | 1.0      | Surface | 1          | 1         | 27.47           | 8.08 | 22.86         | 85.30  | 5.9      | 2.2            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS8(N)    | 5:28  | 1.0      | Surface | 1          | 2         | 27.50           | 8.09 | 22.82         | 84.60  | 5.8      | 2.1            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS8(N)    | 5:28  | 3.0      | Bottom  | 3          | 1         | 27.45           | 8.08 | 23.02         | 85.10  | 5.8      | 2.3            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS8(N)    | 5:28  | 3.0      | Bottom  | 3          | 2         | 27.48           | 8.09 | 22.98         | 83.70  | 5.7      | 2.3            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)9   | 5:52  | 1.0      | Surface | 1          | 1         | 27.60           | 8.13 | 22.94         | 90.70  | 6.2      | 2.7            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)9   | 5:53  | 1.0      | Surface | 1          | 2         | 27.58           | 8.10 | 22.98         | 93.70  | 6.4      | 2.6            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)9   | 5:52  | 2.5      | Bottom  | 3          | 1         | 27.57           | 8.11 | 23.05         | 87.60  | 6.0      | 3.1            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS(Mf)9   | 5:52  | 2.5      | Bottom  | 3          | 2         | 27.49           | 8.13 | 23.14         | 87.10  | 6.0      | 3.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS10(N)   | 5:35  | 1.0      | Surface | 1          | 1         | 27.11           | 8.04 | 22.94         | 89.70  | 6.3      | 4.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS10(N)   | 5:35  | 1.0      | Surface | 1          | 2         | 27.18           | 8.04 | 22.83         | 90.90  | 6.4      | 4.2            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS10(N)   | 5:35  | 5.4      | Middle  | 2          | 1         | 26.88           | 7.97 | 27.61         | 81.10  | 5.6      | 5.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS10(N)   | 5:34  | 5.4      | Middle  | 2          | 2         | 26.89           | 7.97 | 27.60         | 81.50  | 5.6      | 5.0            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS10(N)   | 5:35  | 9.8      | Bottom  | 3          | 1         | 26.91           | 7.98 | 27.62         | 83.50  | 5.8      | 5.2            | 2.2      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | IS10(N)   | 5:34  | 9.8      | Bottom  | 3          | 2         | 26.89           | 7.98 | 27.65         | 84.00 | 5.8      | 5.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR3(N)    | 6:36  | 1.0      | Surface | 1          | 1         | 27.72           | 8.10 | 22.66         | 88.50 | 6.0      | 2.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR3(N)    | 6:36  | 1.0      | Surface | 1          | 2         | 27.76           | 8.10 | 22.60         | 91.90 | 6.3      | 2.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR3(N)    | 6:36  | 2.5      | Bottom  | 3          | 1         | 27.73           | 8.10 | 23.01         | 85.00 | 5.8      | 2.5            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR3(N)    | 6:36  | 2.5      | Bottom  | 3          | 2         | 27.63           | 8.10 | 23.18         | 84.90 | 5.8      | 2.5            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR4(N3)   | 5:38  | 1.0      | Surface | 1          | 1         | 27.56           | 8.08 | 22.91         | 85.90 | 5.9      | 2.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR4(N3)   | 5:38  | 1.0      | Surface | 1          | 2         | 27.52           | 8.09 | 22.97         | 88.00 | 6.0      | 2.4            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR4(N3)   | 5:38  | 2.7      | Bottom  | 3          | 1         | 27.48           | 8.08 | 23.13         | 86.50 | 5.9      | 3.2            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR4(N3)   | 5:38  | 2.7      | Bottom  | 3          | 2         | 27.48           | 8.09 | 23.16         | 90.70 | 6.2      | 3.0            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR5(N)    | 5:44  | 1.0      | Surface | 1          | 1         | 27.15           | 8.02 | 22.87         | 92.90 | 6.4      | 2.6            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR5(N)    | 5:44  | 1.0      | Surface | 1          | 2         | 27.16           | 8.04 | 22.89         | 90.90 | 6.4      | 2.8            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR5(N)    | 5:43  | 4.3      | Middle  | 2          | 1         | 26.92           | 7.98 | 27.57         | 80.70 | 5.6      | 3.6            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR5(N)    | 5:44  | 4.3      | Middle  | 2          | 2         | 26.93           | 7.97 | 27.57         | 81.30 | 5.6      | 3.6            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR5(N)    | 5:43  | 7.5      | Bottom  | 3          | 1         | 26.89           | 7.97 | 27.67         | 81.50 | 5.6      | 4.0            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR5(N)    | 5:44  | 7.5      | Bottom  | 3          | 2         | 26.96           | 7.98 | 27.63         | 83.70 | 5.8      | 4.3            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10A(N)  | 4:46  | 1.0      | Surface | 1          | 1         | 27.26           | 8.05 | 22.94         | 93.20 | 6.4      | 2.1            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10A(N)  | 4:45  | 1.0      | Surface | 1          | 2         | 27.24           | 8.03 | 22.86         | 93.10 | 6.5      | 2.2            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10A(N)  | 4:46  | 6.3      | Middle  | 2          | 1         | 26.86           | 7.95 | 27.75         | 80.20 | 5.6      | 2.5            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10A(N)  | 4:45  | 6.3      | Middle  | 2          | 2         | 26.84           | 7.93 | 27.75         | 80.10 | 5.5      | 2.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10A(N)  | 4:45  | 11.6     | Bottom  | 3          | 1         | 26.87           | 7.95 | 27.80         | 81.80 | 5.6      | 2.8            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10A(N)  | 4:46  | 11.6     | Bottom  | 3          | 2         | 26.95           | 7.97 | 27.80         | 82.00 | 5.6      | 2.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10B(N2) | 4:36  | 1.0      | Surface | 1          | 1         | 27.10           | 8.00 | 23.24         | 94.00 | 6.5      | 1.3            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10B(N2) | 4:35  | 1.0      | Surface | 1          | 2         | 27.21           | 8.00 | 23.41         | 93.40 | 6.5      | 1.1            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10B(N2) | 4:36  | 3.5      | Middle  | 2          | 1         | 26.94           | 7.96 | 27.62         | 82.60 | 5.7      | 2.0            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10B(N2) | 4:35  | 3.5      | Middle  | 2          | 2         | 26.92           | 7.93 | 27.66         | 81.30 | 5.6      | 1.9            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10B(N2) | 4:35  | 5.9      | Bottom  | 3          | 1         | 26.67           | 7.93 | 27.82         | 82.80 | 5.7      | 2.0            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | SR10B(N2) | 4:36  | 5.9      | Bottom  | 3          | 2         | 26.98           | 7.96 | 27.75         | 82.90 | 5.8      | 2.1            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS2(A)    | 6:33  | 1.0      | Surface | 1          | 1         | 27.15           | 8.05 | 22.68         | 94.30 | 6.6      | 3.2            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS2(A)    | 6:33  | 1.0      | Surface | 1          | 2         | 27.15           | 8.04 | 23.60         | 93.30 | 6.5      | 3.4            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS2(A)    | 6:33  | 3.2      | Middle  | 2          | 1         | 26.92           | 8.01 | 27.53         | 82.90 | 5.7      | 3.5            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS2(A)    | 6:33  | 3.2      | Middle  | 2          | 2         | 26.94           | 8.00 | 27.47         | 85.60 | 5.9      | 3.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS2(A)    | 6:33  | 5.4      | Bottom  | 3          | 1         | 27.00           | 8.01 | 27.61         | 86.60 | 6.0      | 3.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS2(A)    | 6:32  | 5.4      | Bottom  | 3          | 2         | 26.89           | 8.00 | 27.68         | 83.90 | 5.8      | 3.9            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS(Mf)5   | 4:52  | 1.0      | Surface | 1          | 1         | 27.23           | 8.07 | 23.24         | 84.20 | 5.7      | 2.2            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS(Mf)5   | 4:51  | 1.0      | Surface | 1          | 2         | 27.27           | 8.08 | 23.06         | 83.80 | 5.8      | 2.1            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS(Mf)5   | 4:52  | 6.1      | Middle  | 2          | 1         | 26.21           | 8.04 | 25.50         | 80.90 | 5.5      | 3.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS(Mf)5   | 4:51  | 6.1      | Middle  | 2          | 2         | 26.46           | 8.07 | 25.19         | 82.20 | 5.6      | 3.3            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS(Mf)5   | 4:51  | 11.1     | Bottom  | 3          | 1         | 26.14           | 8.07 | 27.04         | 77.80 | 5.3      | 3.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-16        | Mid-Flood | Fine              | CS(Mf)5   | 4:51  | 11.1     | Bottom  | 3          | 2         | 26.03           | 8.02 | 27.28         | 78.50 | 5.4      | 3.4            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS5       | 12:58 | 1.0      | Surface | 1          | 1         | 27.34           | 8.14 | 22.36         | 89.70 | 6.1      | 3.1            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS5       | 12:57 | 1.0      | Surface | 1          | 2         | 27.28           | 8.14 | 22.42         | 92.50 | 6.3      | 3.2            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS5       | 12:58 | 4.1      | Middle  | 2          | 1         | 27.08           | 8.12 | 23.33         | 87.60 | 6.0      | 3.3            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS5       | 12:57 | 4.1      | Middle  | 2          | 2         | 27.01           | 8.12 | 23.29         | 88.80 | 6.1      | 3.2            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS5       | 12:56 | 7.2      | Bottom  | 3          | 1         | 26.85           | 8.11 | 25.39         | 88.60 | 6.1      | 3.2            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS5       | 12:58 | 7.2      | Bottom  | 3          | 2         | 26.94           | 8.10 | 25.18         | 87.40 | 6.0      | 3.4            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:10 | 1.0      | Surface | 1          | 1         | 27.35           | 8.13 | 22.28         | 99.10 | 6.8      | 4.5            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:08 | 1.0      | Surface | 1          | 2         | 27.38           | 8.13 | 22.22         | 98.90 | 6.8      | 4.6            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:09 | 2.1      | Bottom  | 3          | 1         | 27.30           | 8.12 | 22.42         | 96.00 | 6.6      | 4.8            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:08 | 2.1      | Bottom  | 3          | 2         | 27.32           | 8.13 | 22.34         | 98.90 | 6.8      | 4.8            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS7       | 13:35 | 1.0      | Surface | 1          | 1         | 27.35           | 8.14 | 22.30         | 98.10 | 6.7      | 3.4            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS7       | 13:35 | 1.0      | Surface | 1          | 2         | 27.35           | 8.14 | 22.22         | 99.30 | 6.8      | 3.3            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS7       | 13:35 | 2.1      | Bottom  | 3          | 1         | 27.20           | 8.14 | 22.30         | 99.90 | 6.9      | 3.4            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS7       | 13:35 | 2.1      | Bottom  | 3          | 2         | 27.27           | 8.13 | 22.72         | 98.80 | 6.8      | 3.5            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS8(N)    | 14:09 | 1.0      | Surface | 1          | 1         | 27.30           | 8.14 | 21.62         | 96.70 | 6.6      | 2.9            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS8(N)    | 14:09 | 1.0      | Surface | 1          | 2         | 27.32           | 8.14 | 21.40         | 98.60 | 6.7      | 2.9            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS8(N)    | 14:09 | 3.1      | Bottom  | 3          | 1         | 27.26           | 8.13 | 22.38         | 94.20 | 6.5      | 2.9            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS8(N)    | 14:09 | 3.1      | Bottom  | 3          | 2         | 27.25           | 8.13 | 22.73         | 95.20 | 6.5      | 3.0            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:45 | 1.0      | Surface | 1          | 1         | 27.38           | 8.13 | 22.22         | 98.60 | 6.7      | 3.2            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:45 | 1.0      | Surface | 1          | 2         | 27.23           | 8.14 | 22.25         | 96.70 | 6.6      | 3.3            | 3.4      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:45 | 2.6      | Bottom  | 3          | 1         | 27.20           | 8.12 | 23.21         | 96.50  | 6.6      | 3.2            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:45 | 2.6      | Bottom  | 3          | 2         | 27.30           | 8.12 | 23.12         | 94.60  | 6.5      | 3.2            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS10(N)   | 13:49 | 1.0      | Surface | 1          | 1         | 27.34           | 8.00 | 21.71         | 95.10  | 6.8      | 3.8            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS10(N)   | 13:50 | 1.0      | Surface | 1          | 2         | 27.35           | 8.01 | 21.80         | 96.80  | 6.9      | 3.9            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS10(N)   | 13:50 | 5.3      | Middle  | 2          | 1         | 26.46           | 7.95 | 24.90         | 90.40  | 6.5      | 4.1            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS10(N)   | 13:49 | 5.3      | Middle  | 2          | 2         | 26.12           | 7.93 | 25.16         | 88.60  | 6.4      | 4.1            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS10(N)   | 13:50 | 9.5      | Bottom  | 3          | 1         | 25.89           | 7.95 | 27.08         | 87.00  | 6.2      | 4.5            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | IS10(N)   | 13:49 | 9.5      | Bottom  | 3          | 2         | 25.81           | 7.92 | 27.26         | 86.40  | 6.2      | 4.6            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR3(N)    | 12:45 | 1.0      | Surface | 1          | 1         | 27.57           | 8.16 | 22.75         | 99.40  | 6.8      | 3.4            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR3(N)    | 12:45 | 1.0      | Surface | 1          | 2         | 27.65           | 8.16 | 22.71         | 103.30 | 7.0      | 3.5            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR3(N)    | 12:45 | 2.3      | Bottom  | 3          | 1         | 27.45           | 8.18 | 22.85         | 97.10  | 6.6      | 3.5            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR3(N)    | 12:45 | 2.3      | Bottom  | 3          | 2         | 27.63           | 8.15 | 22.77         | 97.10  | 6.6      | 3.3            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR4(N3)   | 13:59 | 1.0      | Surface | 1          | 1         | 27.29           | 8.14 | 21.60         | 96.90  | 6.7      | 2.2            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR4(N3)   | 13:59 | 1.0      | Surface | 1          | 2         | 27.25           | 8.14 | 21.65         | 98.00  | 6.7      | 2.3            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR4(N3)   | 13:59 | 2.8      | Bottom  | 3          | 1         | 27.15           | 8.13 | 21.93         | 96.50  | 6.6      | 2.2            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR4(N3)   | 13:59 | 2.8      | Bottom  | 3          | 2         | 27.28           | 8.13 | 21.73         | 95.30  | 6.6      | 2.3            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR5(N)    | 13:41 | 1.0      | Surface | 1          | 1         | 27.30           | 8.00 | 21.55         | 96.90  | 6.9      | 4.0            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR5(N)    | 13:41 | 1.0      | Surface | 1          | 2         | 27.33           | 8.00 | 21.48         | 94.90  | 6.8      | 4.1            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR5(N)    | 13:41 | 4.3      | Middle  | 2          | 1         | 26.35           | 7.95 | 24.83         | 88.80  | 6.4      | 4.4            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR5(N)    | 13:40 | 4.3      | Middle  | 2          | 2         | 26.20           | 7.94 | 24.98         | 88.40  | 6.3      | 4.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR5(N)    | 13:40 | 7.5      | Bottom  | 3          | 1         | 25.92           | 7.95 | 27.38         | 86.20  | 6.2      | 4.6            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR5(N)    | 13:41 | 7.5      | Bottom  | 3          | 2         | 26.24           | 7.96 | 27.12         | 86.50  | 6.2      | 4.7            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10A(N)  | 14:41 | 1.0      | Surface | 1          | 1         | 27.18           | 8.08 | 21.27         | 97.60  | 7.0      | 2.1            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10A(N)  | 14:42 | 1.0      | Surface | 1          | 2         | 27.08           | 8.07 | 21.33         | 96.90  | 6.9      | 2.0            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10A(N)  | 14:41 | 6.2      | Middle  | 2          | 1         | 26.46           | 8.03 | 25.21         | 91.00  | 6.5      | 2.3            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10A(N)  | 14:42 | 6.2      | Middle  | 2          | 2         | 26.50           | 8.02 | 25.11         | 91.70  | 6.5      | 2.2            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10A(N)  | 14:41 | 11.3     | Bottom  | 3          | 1         | 26.36           | 8.05 | 25.97         | 90.40  | 6.4      | 2.7            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10A(N)  | 14:42 | 11.3     | Bottom  | 3          | 2         | 26.58           | 8.02 | 24.98         | 91.20  | 6.5      | 2.7            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10B(N2) | 14:52 | 1.0      | Surface | 1          | 1         | 27.17           | 8.08 | 21.14         | 100.30 | 7.2      | 2.1            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10B(N2) | 14:52 | 1.0      | Surface | 1          | 2         | 26.94           | 8.06 | 21.14         | 99.70  | 7.1      | 2.0            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10B(N2) | 14:52 | 3.3      | Middle  | 2          | 1         | 26.67           | 8.03 | 24.31         | 93.80  | 6.7      | 2.3            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10B(N2) | 14:51 | 3.3      | Middle  | 2          | 2         | 26.60           | 8.03 | 24.55         | 93.60  | 6.7      | 2.3            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10B(N2) | 14:51 | 5.6      | Bottom  | 3          | 1         | 26.59           | 8.03 | 24.77         | 92.30  | 6.6      | 2.4            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | SR10B(N2) | 14:52 | 5.6      | Bottom  | 3          | 2         | 26.79           | 8.04 | 24.63         | 92.30  | 6.6      | 2.5            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS2(A)    | 12:48 | 1.0      | Surface | 1          | 1         | 26.81           | 8.00 | 22.40         | 95.40  | 6.9      | 4.1            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS2(A)    | 12:48 | 1.0      | Surface | 1          | 2         | 27.30           | 8.01 | 21.58         | 98.40  | 7.1      | 4.2            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS2(A)    | 12:48 | 3.1      | Middle  | 2          | 1         | 26.57           | 7.98 | 24.08         | 89.30  | 6.4      | 4.4            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS2(A)    | 12:47 | 3.1      | Middle  | 2          | 2         | 26.32           | 7.97 | 24.39         | 88.80  | 6.4      | 4.4            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS2(A)    | 12:48 | 5.2      | Bottom  | 3          | 1         | 26.02           | 7.99 | 27.03         | 86.60  | 6.2      | 4.5            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS2(A)    | 12:47 | 5.2      | Bottom  | 3          | 2         | 26.02           | 7.97 | 27.21         | 86.50  | 6.2      | 4.6            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:44 | 1.0      | Surface | 1          | 1         | 27.08           | 8.15 | 21.81         | 84.60  | 5.8      | 1.6            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:45 | 1.0      | Surface | 1          | 2         | 27.03           | 8.13 | 23.14         | 82.30  | 5.6      | 1.6            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:44 | 6.1      | Middle  | 2          | 1         | 25.09           | 8.06 | 27.74         | 79.70  | 5.5      | 1.7            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:44 | 6.1      | Middle  | 2          | 2         | 25.16           | 8.06 | 27.59         | 79.80  | 5.5      | 1.7            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:44 | 11.2     | Bottom  | 3          | 1         | 24.47           | 8.06 | 29.58         | 77.10  | 5.3      | 1.7            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:44 | 11.2     | Bottom  | 3          | 2         | 24.60           | 8.05 | 29.54         | 76.90  | 5.3      | 1.7            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS5       | 7:26  | 1.0      | Surface | 1          | 1         | 27.10           | 8.11 | 20.73         | 83.00  | 5.7      | 2.7            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS5       | 7:25  | 1.0      | Surface | 1          | 2         | 27.09           | 8.12 | 20.79         | 83.70  | 5.7      | 2.3            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS5       | 7:25  | 4.2      | Middle  | 2          | 1         | 26.21           | 8.05 | 24.78         | 81.20  | 5.6      | 2.7            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS5       | 7:26  | 4.2      | Middle  | 2          | 2         | 26.35           | 8.04 | 24.81         | 81.20  | 5.6      | 2.8            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS5       | 7:25  | 7.3      | Bottom  | 3          | 1         | 26.05           | 8.03 | 26.59         | 78.30  | 5.4      | 2.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS5       | 7:25  | 7.3      | Bottom  | 3          | 2         | 26.19           | 8.02 | 26.48         | 80.10  | 5.4      | 2.8            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)6   | 7:15  | 1.0      | Surface | 1          | 1         | 27.18           | 8.11 | 20.65         | 91.80  | 6.3      | 2.0            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)6   | 7:15  | 1.0      | Surface | 1          | 2         | 27.14           | 8.11 | 20.67         | 90.90  | 6.3      | 2.0            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)6   | 7:15  | 2.2      | Bottom  | 3          | 1         | 27.15           | 8.09 | 22.28         | 90.80  | 6.2      | 2.0            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)6   | 7:14  | 2.2      | Bottom  | 3          | 2         | 26.98           | 8.09 | 21.86         | 90.60  | 6.2      | 2.0            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS7       | 7:05  | 1.0      | Surface | 1          | 1         | 27.19           | 8.10 | 20.83         | 91.50  | 6.3      | 1.9            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS7       | 7:05  | 1.0      | Surface | 1          | 2         | 27.19           | 8.10 | 20.80         | 91.30  | 6.3      | 1.9            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS7       | 7:05  | 2.2      | Bottom  | 3          | 1         | 27.11           | 8.08 | 22.51         | 92.20  | 6.3      | 2.1            | 5.2      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS7       | 7:05  | 2.2      | Bottom  | 3          | 2         | 27.18           | 8.09 | 22.45         | 90.50 | 6.2      | 2.0            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS8(N)    | 6:27  | 1.0      | Surface | 1          | 1         | 26.92           | 8.08 | 20.90         | 84.40 | 5.8      | 1.6            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS8(N)    | 6:27  | 1.0      | Surface | 1          | 2         | 27.00           | 8.08 | 20.85         | 84.90 | 5.9      | 1.6            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS8(N)    | 6:27  | 3.1      | Bottom  | 3          | 1         | 26.96           | 8.06 | 22.98         | 85.10 | 5.8      | 1.7            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS8(N)    | 6:26  | 3.1      | Bottom  | 3          | 2         | 26.69           | 8.05 | 23.46         | 84.30 | 5.8      | 1.8            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)9   | 6:54  | 1.0      | Surface | 1          | 1         | 27.11           | 8.11 | 20.86         | 89.00 | 6.2      | 2.1            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)9   | 6:55  | 1.0      | Surface | 1          | 2         | 27.11           | 8.10 | 20.91         | 91.10 | 6.3      | 2.1            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)9   | 6:54  | 2.5      | Bottom  | 3          | 1         | 27.08           | 8.09 | 22.75         | 87.60 | 6.0      | 2.3            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS(Mf)9   | 6:54  | 2.5      | Bottom  | 3          | 2         | 26.85           | 8.08 | 23.07         | 86.80 | 6.0      | 2.2            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS10(N)   | 6:53  | 1.0      | Surface | 1          | 1         | 27.02           | 8.02 | 20.21         | 86.70 | 6.3      | 4.1            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS10(N)   | 6:54  | 1.0      | Surface | 1          | 2         | 27.09           | 8.02 | 20.09         | 87.20 | 6.3      | 4.0            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS10(N)   | 6:53  | 5.3      | Middle  | 2          | 1         | 25.93           | 7.93 | 27.15         | 81.40 | 5.9      | 4.6            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS10(N)   | 6:53  | 5.3      | Middle  | 2          | 2         | 25.93           | 7.93 | 27.11         | 80.50 | 5.8      | 4.5            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS10(N)   | 6:52  | 9.5      | Bottom  | 3          | 1         | 25.93           | 7.93 | 27.19         | 83.10 | 5.9      | 4.8            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | IS10(N)   | 6:53  | 9.5      | Bottom  | 3          | 2         | 25.98           | 7.94 | 27.16         | 83.80 | 6.0      | 4.7            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR3(N)    | 7:37  | 1.0      | Surface | 1          | 1         | 27.17           | 8.10 | 20.73         | 90.80 | 6.3      | 2.0            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR3(N)    | 7:37  | 1.0      | Surface | 1          | 2         | 27.21           | 8.11 | 20.73         | 89.70 | 6.2      | 2.0            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR3(N)    | 7:37  | 2.4      | Bottom  | 3          | 1         | 27.16           | 8.09 | 22.58         | 87.50 | 6.0      | 2.0            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR3(N)    | 7:36  | 2.4      | Bottom  | 3          | 2         | 27.09           | 8.09 | 22.56         | 88.90 | 6.1      | 2.1            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR4(N3)   | 6:37  | 1.0      | Surface | 1          | 1         | 27.09           | 8.09 | 20.88         | 87.20 | 6.0      | 1.6            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR4(N3)   | 6:37  | 1.0      | Surface | 1          | 2         | 27.06           | 8.09 | 20.92         | 89.40 | 6.2      | 1.6            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR4(N3)   | 6:37  | 2.7      | Bottom  | 3          | 1         | 26.95           | 8.06 | 22.83         | 87.80 | 6.0      | 1.9            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR4(N3)   | 6:37  | 2.7      | Bottom  | 3          | 2         | 27.01           | 8.07 | 22.61         | 91.90 | 6.3      | 1.8            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR5(N)    | 7:04  | 1.0      | Surface | 1          | 1         | 27.07           | 8.01 | 20.07         | 90.40 | 6.5      | 3.2            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR5(N)    | 7:03  | 1.0      | Surface | 1          | 2         | 27.08           | 8.02 | 20.21         | 90.10 | 6.5      | 3.2            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR5(N)    | 7:03  | 4.2      | Middle  | 2          | 1         | 26.02           | 7.94 | 26.80         | 84.10 | 6.0      | 3.8            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR5(N)    | 7:04  | 4.2      | Middle  | 2          | 2         | 25.99           | 7.93 | 26.90         | 83.10 | 6.0      | 3.9            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR5(N)    | 7:04  | 7.3      | Bottom  | 3          | 1         | 25.94           | 7.93 | 27.22         | 84.90 | 6.1      | 4.1            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR5(N)    | 7:03  | 7.3      | Bottom  | 3          | 2         | 25.95           | 7.93 | 27.19         | 84.90 | 6.1      | 4.1            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10A(N)  | 6:05  | 1.0      | Surface | 1          | 1         | 27.10           | 8.02 | 20.16         | 90.50 | 6.6      | 2.1            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10A(N)  | 6:04  | 1.0      | Surface | 1          | 2         | 27.05           | 8.01 | 20.26         | 90.40 | 6.6      | 2.2            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10A(N)  | 6:04  | 6.3      | Middle  | 2          | 1         | 25.87           | 7.92 | 27.39         | 81.80 | 5.9      | 2.8            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10A(N)  | 6:04  | 6.3      | Middle  | 2          | 2         | 25.85           | 7.91 | 27.46         | 82.40 | 5.9      | 2.9            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10A(N)  | 6:04  | 11.5     | Bottom  | 3          | 1         | 25.89           | 7.92 | 27.54         | 81.30 | 5.8      | 3.1            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10A(N)  | 6:04  | 11.5     | Bottom  | 3          | 2         | 25.87           | 7.92 | 27.51         | 80.90 | 5.8      | 3.0            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10B(N2) | 5:55  | 1.0      | Surface | 1          | 1         | 26.96           | 7.99 | 20.45         | 93.30 | 6.8      | 1.8            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10B(N2) | 5:55  | 1.0      | Surface | 1          | 2         | 27.10           | 8.00 | 20.22         | 93.90 | 6.7      | 1.8            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10B(N2) | 5:55  | 3.4      | Middle  | 2          | 1         | 26.33           | 7.94 | 24.71         | 85.50 | 6.1      | 2.4            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10B(N2) | 5:55  | 3.4      | Middle  | 2          | 2         | 26.51           | 7.92 | 24.66         | 86.00 | 6.2      | 2.3            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10B(N2) | 5:54  | 5.7      | Bottom  | 3          | 1         | 25.90           | 7.93 | 27.28         | 86.70 | 6.2      | 2.7            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | SR10B(N2) | 5:55  | 5.7      | Bottom  | 3          | 2         | 26.14           | 7.94 | 27.01         | 85.80 | 6.2      | 2.7            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS2(A)    | 7:52  | 1.0      | Surface | 1          | 1         | 27.06           | 8.02 | 20.27         | 90.40 | 6.5      | 3.1            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS2(A)    | 7:52  | 1.0      | Surface | 1          | 2         | 27.08           | 8.01 | 20.35         | 89.70 | 6.5      | 3.3            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS2(A)    | 7:52  | 3.1      | Middle  | 2          | 1         | 26.20           | 7.96 | 25.64         | 84.90 | 6.1      | 3.9            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS2(A)    | 7:51  | 3.1      | Middle  | 2          | 2         | 26.23           | 7.97 | 25.11         | 83.50 | 6.0      | 4.0            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS2(A)    | 7:52  | 5.2      | Bottom  | 3          | 1         | 26.10           | 7.96 | 26.83         | 85.90 | 6.1      | 4.4            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS2(A)    | 7:51  | 5.2      | Bottom  | 3          | 2         | 26.01           | 7.95 | 27.02         | 84.30 | 6.0      | 4.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS(Mf)5   | 5:56  | 1.0      | Surface | 1          | 1         | 26.97           | 8.07 | 21.01         | 85.50 | 5.9      | 2.2            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS(Mf)5   | 5:56  | 1.0      | Surface | 1          | 2         | 26.96           | 8.06 | 20.99         | 85.00 | 5.8      | 2.1            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS(Mf)5   | 5:56  | 6        | Middle  | 2          | 1         | 25.57           | 8.01 | 26.35         | 81.70 | 5.6      | 2.9            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS(Mf)5   | 5:55  | 6        | Middle  | 2          | 2         | 25.72           | 8.00 | 25.99         | 82.50 | 5.7      | 2.9            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS(Mf)5   | 5:55  | 10.9     | Bottom  | 3          | 1         | 25.45           | 8.00 | 27.71         | 79.20 | 5.4      | 2.9            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-18        | Mid-Flood | Fine              | CS(Mf)5   | 5:56  | 10.9     | Bottom  | 3          | 2         | 25.48           | 7.99 | 27.69         | 79.50 | 5.4      | 3.0            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb   | Fine              | IS5       | 14:58 | 1.0      | Surface | 1          | 1         | 28.54           | 8.12 | 25.58         | 86.30 | 6.2      | 2.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb   | Fine              | IS5       | 14:59 | 1.0      | Surface | 1          | 2         | 28.57           | 8.11 | 25.63         | 88.90 | 6.3      | 2.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb   | Fine              | IS5       | 14:58 | 4.2      | Middle  | 2          | 1         | 28.28           | 8.01 | 28.13         | 85.80 | 6.1      | 3.8            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb   | Fine              | IS5       | 14:58 | 4.2      | Middle  | 2          | 2         | 28.24           | 8.00 | 27.72         | 84.80 | 6.0      | 3.6            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb   | Fine              | IS5       | 14:58 | 7.4      | Bottom  | 3          | 1         | 27.98           | 7.94 | 30.17         | 79.30 | 5.6      | 3.7            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb   | Fine              | IS5       | 14:58 | 7.4      | Bottom  | 3          | 2         | 28.07           | 7.99 | 30.14         | 80.10 | 5.7      | 3.8            | 4.1      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide    | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|---------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)6   | 15:08 | 1.0      | Surface | 1          | 1         | 28.60           | 8.16 | 25.19         | 104.00 | 7.4      | 3.6            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)6   | 15:07 | 1.0      | Surface | 1          | 2         | 28.57           | 8.16 | 25.17         | 103.30 | 7.4      | 3.6            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)6   | 15:07 | 2.1      | Bottom  | 3          | 1         | 28.47           | 8.15 | 25.69         | 101.30 | 7.2      | 3.9            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)6   | 15:07 | 2.1      | Bottom  | 3          | 2         | 28.50           | 8.14 | 25.48         | 101.80 | 7.3      | 3.9            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS7       | 15:17 | 1.0      | Surface | 1          | 1         | 28.57           | 8.16 | 25.37         | 105.60 | 7.6      | 3.6            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS7       | 15:17 | 1.0      | Surface | 1          | 2         | 28.56           | 8.17 | 25.37         | 104.60 | 7.5      | 3.7            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS7       | 15:17 | 2.2      | Bottom  | 3          | 1         | 28.52           | 8.17 | 25.48         | 103.00 | 7.4      | 3.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS7       | 15:17 | 2.2      | Bottom  | 3          | 2         | 28.53           | 8.17 | 25.46         | 104.80 | 7.5      | 3.8            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS8(N)    | 15:47 | 1.0      | Surface | 1          | 1         | 28.56           | 8.17 | 25.13         | 102.00 | 7.3      | 3.3            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS8(N)    | 15:47 | 1.0      | Surface | 1          | 2         | 28.53           | 8.17 | 25.14         | 99.10  | 7.1      | 3.2            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS8(N)    | 15:47 | 2.9      | Bottom  | 3          | 1         | 28.46           | 8.17 | 25.29         | 95.80  | 6.9      | 3.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS8(N)    | 15:47 | 2.9      | Bottom  | 3          | 2         | 28.52           | 8.16 | 25.22         | 100.80 | 7.2      | 3.3            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)9   | 15:26 | 1.0      | Surface | 1          | 1         | 28.53           | 8.12 | 25.29         | 96.40  | 6.9      | 4.0            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)9   | 15:25 | 1.0      | Surface | 1          | 2         | 28.52           | 8.14 | 25.29         | 95.60  | 6.9      | 4.2            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)9   | 15:25 | 2.6      | Bottom  | 3          | 1         | 28.42           | 8.12 | 25.81         | 95.80  | 6.8      | 4.6            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS(Mf)9   | 15:26 | 2.6      | Bottom  | 3          | 2         | 28.45           | 8.09 | 25.81         | 96.00  | 6.9      | 4.5            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS10(N)   | 15:45 | 1.0      | Surface | 1          | 1         | 28.96           | 8.03 | 23.68         | 93.00  | 6.6      | 4.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS10(N)   | 15:46 | 1.0      | Surface | 1          | 2         | 28.94           | 8.02 | 23.52         | 90.40  | 6.4      | 4.7            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS10(N)   | 15:46 | 5.3      | Middle  | 2          | 1         | 28.06           | 7.87 | 28.67         | 89.00  | 6.2      | 5.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS10(N)   | 15:45 | 5.3      | Middle  | 2          | 2         | 28.17           | 7.88 | 28.75         | 86.90  | 6.1      | 5.1            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS10(N)   | 15:45 | 9.6      | Bottom  | 3          | 1         | 27.97           | 7.84 | 30.08         | 90.50  | 6.3      | 5.7            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | IS10(N)   | 15:46 | 9.6      | Bottom  | 3          | 2         | 27.95           | 7.85 | 30.20         | 91.80  | 6.4      | 5.6            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR3(N)    | 14:48 | 1.0      | Surface | 1          | 1         | 28.61           | 8.14 | 25.18         | 96.70  | 6.9      | 4.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR3(N)    | 14:48 | 1.0      | Surface | 1          | 2         | 28.57           | 8.13 | 25.05         | 93.10  | 6.7      | 4.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR3(N)    | 14:47 | 2.4      | Bottom  | 3          | 1         | 28.50           | 8.10 | 26.74         | 93.60  | 6.6      | 4.2            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR3(N)    | 14:48 | 2.4      | Bottom  | 3          | 2         | 28.54           | 8.10 | 26.51         | 94.10  | 6.7      | 4.1            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR4(N3)   | 15:40 | 1.0      | Surface | 1          | 1         | 28.56           | 8.17 | 25.12         | 102.90 | 7.4      | 3.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR4(N3)   | 15:40 | 1.0      | Surface | 1          | 2         | 28.55           | 8.17 | 25.11         | 99.60  | 7.1      | 3.4            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR4(N3)   | 15:40 | 2.8      | Bottom  | 3          | 1         | 28.54           | 8.16 | 25.34         | 100.10 | 7.2      | 3.5            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR4(N3)   | 15:39 | 2.8      | Bottom  | 3          | 2         | 27.89           | 8.16 | 25.34         | 96.90  | 6.9      | 3.5            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR5(N)    | 15:34 | 1.0      | Surface | 1          | 1         | 28.92           | 8.03 | 24.05         | 94.10  | 6.6      | 3.9            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR5(N)    | 15:34 | 1.0      | Surface | 1          | 2         | 28.91           | 8.01 | 24.09         | 94.60  | 6.7      | 3.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR5(N)    | 15:34 | 4.5      | Middle  | 2          | 1         | 28.11           | 7.89 | 27.78         | 91.80  | 6.4      | 4.2            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR5(N)    | 15:34 | 4.5      | Middle  | 2          | 2         | 28.10           | 7.88 | 27.80         | 90.40  | 6.3      | 4.1            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR5(N)    | 15:34 | 8.0      | Bottom  | 3          | 1         | 27.93           | 7.84 | 30.33         | 87.70  | 6.1      | 5.4            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR5(N)    | 15:33 | 8.0      | Bottom  | 3          | 2         | 27.92           | 7.82 | 30.31         | 87.50  | 6.1      | 5.2            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10A(N)  | 16:37 | 1.0      | Surface | 1          | 1         | 28.67           | 8.03 | 26.42         | 97.80  | 6.8      | 2.0            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10A(N)  | 16:38 | 1.0      | Surface | 1          | 2         | 28.65           | 8.01 | 26.49         | 97.20  | 6.9      | 2.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10A(N)  | 16:38 | 6.5      | Middle  | 2          | 1         | 28.03           | 7.92 | 29.76         | 93.00  | 6.5      | 2.6            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10A(N)  | 16:37 | 6.5      | Middle  | 2          | 2         | 28.03           | 7.94 | 29.72         | 95.30  | 6.6      | 2.4            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10A(N)  | 16:38 | 11.9     | Bottom  | 3          | 1         | 28.00           | 7.92 | 30.43         | 92.20  | 6.4      | 3.1            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10A(N)  | 16:37 | 11.9     | Bottom  | 3          | 2         | 28.08           | 7.95 | 30.15         | 93.40  | 6.5      | 2.9            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10B(N2) | 16:47 | 1.0      | Surface | 1          | 1         | 28.48           | 8.00 | 26.95         | 93.40  | 6.5      | 2.3            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10B(N2) | 16:47 | 1.0      | Surface | 1          | 2         | 28.56           | 7.99 | 27.06         | 93.70  | 6.5      | 2.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10B(N2) | 16:46 | 3.6      | Middle  | 2          | 1         | 28.23           | 7.95 | 28.72         | 90.80  | 6.3      | 2.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10B(N2) | 16:47 | 3.6      | Middle  | 2          | 2         | 28.21           | 7.94 | 28.70         | 91.10  | 6.3      | 2.6            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10B(N2) | 16:47 | 6.1      | Bottom  | 3          | 1         | 28.12           | 7.93 | 29.61         | 90.50  | 6.3      | 3.6            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | SR10B(N2) | 16:46 | 6.1      | Bottom  | 3          | 2         | 28.17           | 7.93 | 29.63         | 89.60  | 6.2      | 3.5            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS2(A)    | 14:49 | 1.0      | Surface | 1          | 1         | 28.93           | 8.02 | 23.54         | 102.50 | 7.3      | 3.7            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS2(A)    | 14:49 | 1.0      | Surface | 1          | 2         | 28.84           | 8.03 | 23.72         | 102.20 | 7.2      | 3.4            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS2(A)    | 14:49 | 3.2      | Middle  | 2          | 1         | 28.56           | 7.94 | 25.45         | 97.40  | 6.9      | 3.8            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS2(A)    | 14:49 | 3.2      | Middle  | 2          | 2         | 28.55           | 7.96 | 25.69         | 96.60  | 6.8      | 3.8            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS2(A)    | 14:49 | 5.4      | Bottom  | 3          | 1         | 28.23           | 7.88 | 28.65         | 98.90  | 6.9      | 4.6            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS2(A)    | 14:48 | 5.4      | Bottom  | 3          | 2         | 28.12           | 7.88 | 29.01         | 96.50  | 6.7      | 4.6            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS(Mf)5   | 16:33 | 1.0      | Surface | 1          | 1         | 28.54           | 8.11 | 26.31         | 84.80  | 6.1      | 3.2            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS(Mf)5   | 16:33 | 1.0      | Surface | 1          | 2         | 28.50           | 8.11 | 26.52         | 85.40  | 6.1      | 3.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS(Mf)5   | 16:33 | 6.2      | Middle  | 2          | 1         | 27.63           | 7.94 | 30.68         | 78.30  | 5.6      | 3.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS(Mf)5   | 16:32 | 6.2      | Middle  | 2          | 2         | 27.73           | 7.97 | 30.50         | 78.60  | 5.6      | 3.5            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb | Fine              | CS(Mf)5   | 16:32 | 11.3     | Bottom  | 3          | 1         | 27.53           | 7.96 | 31.68         | 77.00  | 5.5      | 3.7            | 2.9      |



## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Ebb   | Fine              | CS(Mf)5   | 16:33 | 11.3     | Bottom  | 3          | 2         | 27.60           | 7.93 | 31.38         | 76.80 | 5.4      | 3.7            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS5       | 9:50  | 1.0      | Surface | 1          | 1         | 28.40           | 8.06 | 25.24         | 82.30 | 5.7      | 2.5            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS5       | 9:49  | 1.0      | Surface | 1          | 2         | 28.38           | 8.06 | 25.15         | 83.80 | 5.9      | 2.5            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS5       | 9:49  | 4.2      | Middle  | 2          | 1         | 27.87           | 7.92 | 29.56         | 79.40 | 5.5      | 3.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS5       | 9:50  | 4.2      | Middle  | 2          | 2         | 27.88           | 7.91 | 29.52         | 79.70 | 5.5      | 3.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS5       | 9:49  | 7.3      | Bottom  | 3          | 1         | 27.83           | 7.92 | 30.09         | 77.70 | 5.4      | 3.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS5       | 9:49  | 7.3      | Bottom  | 3          | 2         | 27.84           | 7.93 | 30.08         | 78.20 | 5.4      | 3.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)6   | 9:39  | 1.0      | Surface | 1          | 1         | 28.43           | 8.07 | 24.99         | 91.30 | 6.4      | 2.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)6   | 9:40  | 1.0      | Surface | 1          | 2         | 28.48           | 8.09 | 24.99         | 93.80 | 6.6      | 3.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)6   | 9:40  | 2.1      | Bottom  | 3          | 1         | 28.38           | 8.05 | 25.93         | 91.40 | 6.4      | 3.2            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)6   | 9:39  | 2.1      | Bottom  | 3          | 2         | 28.34           | 8.03 | 26.14         | 92.50 | 6.4      | 3.2            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS7       | 9:31  | 1.0      | Surface | 1          | 1         | 28.36           | 8.03 | 25.15         | 87.80 | 6.2      | 3.3            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS7       | 9:30  | 1.0      | Surface | 1          | 2         | 28.36           | 8.04 | 25.12         | 85.90 | 6.0      | 3.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS7       | 9:31  | 2.2      | Bottom  | 3          | 1         | 28.32           | 8.02 | 25.46         | 87.20 | 6.1      | 3.5            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS7       | 9:30  | 2.2      | Bottom  | 3          | 2         | 28.29           | 8.01 | 25.42         | 84.60 | 5.9      | 3.5            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS8(N)    | 9:01  | 1.0      | Surface | 1          | 1         | 28.40           | 8.10 | 25.36         | 95.50 | 6.7      | 3.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS8(N)    | 9:01  | 1.0      | Surface | 1          | 2         | 28.44           | 8.10 | 25.12         | 96.00 | 6.8      | 3.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS8(N)    | 9:01  | 2.9      | Bottom  | 3          | 1         | 28.29           | 8.08 | 27.46         | 95.00 | 6.7      | 3.5            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS8(N)    | 9:00  | 2.9      | Bottom  | 3          | 2         | 28.24           | 8.10 | 27.39         | 93.50 | 6.6      | 3.5            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)9   | 9:22  | 1.0      | Surface | 1          | 1         | 28.42           | 8.08 | 25.31         | 92.30 | 6.5      | 3.9            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)9   | 9:22  | 1.0      | Surface | 1          | 2         | 28.39           | 8.07 | 25.30         | 90.50 | 6.4      | 3.9            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)9   | 9:22  | 2.6      | Bottom  | 3          | 1         | 28.29           | 8.04 | 25.95         | 90.40 | 6.3      | 4.1            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS(Mf)9   | 9:22  | 2.6      | Bottom  | 3          | 2         | 28.38           | 8.06 | 25.79         | 90.90 | 6.4      | 4.2            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS10(N)   | 9:01  | 1.0      | Surface | 1          | 1         | 28.63           | 8.00 | 24.74         | 94.00 | 6.6      | 2.7            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS10(N)   | 9:00  | 1.0      | Surface | 1          | 2         | 28.62           | 8.01 | 24.75         | 93.40 | 6.6      | 2.9            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS10(N)   | 9:00  | 5.3      | Middle  | 2          | 1         | 28.01           | 7.92 | 29.31         | 89.40 | 6.3      | 3.3            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS10(N)   | 9:01  | 5.3      | Middle  | 2          | 2         | 27.99           | 7.89 | 29.45         | 89.30 | 6.2      | 3.2            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS10(N)   | 9:00  | 9.6      | Bottom  | 3          | 1         | 27.98           | 7.93 | 29.75         | 86.90 | 6.1      | 3.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | IS10(N)   | 9:00  | 9.6      | Bottom  | 3          | 2         | 27.99           | 7.87 | 29.82         | 87.20 | 6.1      | 3.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR3(N)    | 9:59  | 1.0      | Surface | 1          | 1         | 28.46           | 8.10 | 24.50         | 91.00 | 6.4      | 2.6            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR3(N)    | 9:59  | 1.0      | Surface | 1          | 2         | 28.44           | 8.11 | 24.48         | 93.90 | 6.6      | 2.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR3(N)    | 9:59  | 2.3      | Bottom  | 3          | 1         | 28.35           | 8.03 | 25.58         | 90.80 | 6.3      | 2.8            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR3(N)    | 9:59  | 2.3      | Bottom  | 3          | 2         | 28.44           | 8.08 | 25.81         | 91.40 | 6.4      | 2.8            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR4(N3)   | 9:09  | 1.0      | Surface | 1          | 1         | 28.35           | 8.07 | 26.09         | 90.30 | 6.4      | 4.1            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR4(N3)   | 9:09  | 1.0      | Surface | 1          | 2         | 28.35           | 8.04 | 26.19         | 88.10 | 6.2      | 4.1            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR4(N3)   | 9:09  | 2.8      | Bottom  | 3          | 1         | 28.30           | 8.02 | 27.10         | 88.70 | 6.2      | 4.1            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR4(N3)   | 9:09  | 2.8      | Bottom  | 3          | 2         | 28.27           | 8.06 | 27.20         | 92.60 | 6.5      | 4.0            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR5(N)    | 9:13  | 1.0      | Surface | 1          | 1         | 28.42           | 7.98 | 24.94         | 91.30 | 6.4      | 3.2            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR5(N)    | 9:13  | 1.0      | Surface | 1          | 2         | 28.68           | 8.01 | 24.54         | 91.20 | 6.4      | 3.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR5(N)    | 9:13  | 4.5      | Middle  | 2          | 1         | 28.17           | 7.91 | 27.94         | 90.40 | 6.4      | 3.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR5(N)    | 9:13  | 4.5      | Middle  | 2          | 2         | 28.11           | 7.91 | 27.98         | 89.40 | 6.2      | 3.4            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR5(N)    | 9:13  | 7.9      | Bottom  | 3          | 1         | 27.98           | 7.87 | 29.88         | 86.10 | 6.0      | 4.1            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR5(N)    | 9:12  | 7.9      | Bottom  | 3          | 2         | 27.94           | 7.86 | 29.96         | 86.30 | 6.1      | 3.9            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10A(N)  | 8:08  | 1.0      | Surface | 1          | 1         | 28.44           | 8.00 | 26.92         | 89.20 | 6.3      | 1.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10A(N)  | 8:07  | 1.0      | Surface | 1          | 2         | 28.46           | 8.00 | 26.92         | 88.60 | 6.2      | 1.6            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10A(N)  | 8:07  | 6.4      | Middle  | 2          | 1         | 27.67           | 7.92 | 31.32         | 86.60 | 6.0      | 2.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10A(N)  | 8:07  | 6.4      | Middle  | 2          | 2         | 27.72           | 7.91 | 31.31         | 86.50 | 6.1      | 2.0            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10A(N)  | 8:07  | 11.7     | Bottom  | 3          | 1         | 27.67           | 7.91 | 31.53         | 85.70 | 5.9      | 2.6            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10A(N)  | 8:06  | 11.7     | Bottom  | 3          | 2         | 27.65           | 7.91 | 31.51         | 85.20 | 5.9      | 2.5            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10B(N2) | 7:56  | 1.0      | Surface | 1          | 1         | 28.47           | 7.99 | 26.88         | 96.90 | 6.8      | 1.4            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10B(N2) | 7:55  | 1.0      | Surface | 1          | 2         | 28.47           | 7.99 | 26.78         | 94.10 | 6.6      | 1.5            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10B(N2) | 7:55  | 3.6      | Middle  | 2          | 1         | 28.05           | 7.94 | 28.23         | 90.60 | 6.3      | 1.8            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10B(N2) | 7:56  | 3.6      | Middle  | 2          | 2         | 28.20           | 7.96 | 28.17         | 88.80 | 6.2      | 1.9            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10B(N2) | 7:56  | 6.1      | Bottom  | 3          | 1         | 27.70           | 7.90 | 31.46         | 89.30 | 6.2      | 2.7            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | SR10B(N2) | 7:55  | 6.1      | Bottom  | 3          | 2         | 27.57           | 7.90 | 31.46         | 87.60 | 6.1      | 2.5            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS2(A)    | 10:01 | 1.0      | Surface | 1          | 1         | 28.61           | 8.00 | 24.69         | 93.50 | 6.6      | 3.1            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS2(A)    | 10:01 | 1.0      | Surface | 1          | 2         | 28.59           | 7.99 | 24.76         | 94.10 | 6.7      | 3.2            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS2(A)    | 10:01 | 3.2      | Middle  | 2          | 1         | 28.19           | 7.92 | 27.03         | 89.70 | 6.3      | 3.6            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS2(A)    | 10:01 | 3.2      | Middle  | 2          | 2         | 28.15           | 7.91 | 26.91         | 90.00 | 6.3      | 3.5            | 1.6      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS2(A)    | 10:01 | 5.4      | Bottom  | 3          | 1         | 28.04           | 7.88 | 29.24         | 87.40 | 6.2      | 4.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS2(A)    | 10:00 | 5.4      | Bottom  | 3          | 2         | 28.05           | 7.89 | 29.12         | 89.20 | 6.3      | 4.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS(Mf)5   | 8:12  | 1.0      | Surface | 1          | 1         | 28.23           | 8.06 | 26.30         | 80.10 | 5.7      | 3.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS(Mf)5   | 8:13  | 1.0      | Surface | 1          | 2         | 28.33           | 8.04 | 26.20         | 80.90 | 5.7      | 3.4            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS(Mf)5   | 8:12  | 6        | Middle  | 2          | 1         | 27.80           | 7.99 | 29.76         | 78.20 | 5.5      | 3.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS(Mf)5   | 8:12  | 6        | Middle  | 2          | 2         | 27.83           | 8.00 | 29.52         | 78.50 | 5.5      | 3.4            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS(Mf)5   | 8:12  | 11       | Bottom  | 3          | 1         | 27.56           | 7.90 | 31.71         | 75.90 | 5.3      | 3.8            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-21        | Mid-Flood | Fine              | CS(Mf)5   | 8:11  | 11       | Bottom  | 3          | 2         | 27.54           | 7.98 | 31.72         | 76.10 | 5.3      | 3.7            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS5       | 15:49 | 1.0      | Surface | 1          | 1         | 28.67           | 8.14 | 28.59         | 83.90 | 5.9      | 4.8            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS5       | 15:49 | 1.0      | Surface | 1          | 2         | 28.70           | 8.14 | 28.64         | 82.10 | 5.9      | 4.9            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS5       | 15:49 | 4.3      | Middle  | 2          | 1         | 28.46           | 8.05 | 30.10         | 79.60 | 5.7      | 6.0            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS5       | 15:49 | 4.3      | Middle  | 2          | 2         | 28.42           | 8.06 | 29.89         | 80.90 | 5.8      | 5.7            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS5       | 15:48 | 7.5      | Bottom  | 3          | 1         | 28.27           | 8.02 | 31.20         | 77.40 | 5.6      | 5.5            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS5       | 15:49 | 7.5      | Bottom  | 3          | 2         | 28.35           | 8.03 | 31.17         | 76.80 | 5.5      | 5.4            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:58 | 1.0      | Surface | 1          | 1         | 28.71           | 8.16 | 27.23         | 97.70 | 7.1      | 3.4            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:58 | 1.0      | Surface | 1          | 2         | 28.73           | 8.15 | 27.23         | 97.50 | 7.1      | 3.4            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:58 | 2.2      | Bottom  | 3          | 1         | 28.65           | 8.14 | 27.43         | 96.90 | 7.0      | 3.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)6   | 15:58 | 2.2      | Bottom  | 3          | 2         | 28.61           | 8.17 | 27.55         | 99.40 | 7.2      | 3.6            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS7       | 16:07 | 1.0      | Surface | 1          | 1         | 28.74           | 8.14 | 27.26         | 97.40 | 7.0      | 3.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS7       | 16:07 | 1.0      | Surface | 1          | 2         | 28.72           | 8.15 | 27.26         | 98.50 | 7.1      | 3.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS7       | 16:07 | 2.2      | Bottom  | 3          | 1         | 28.68           | 8.14 | 27.37         | 97.60 | 7.1      | 3.1            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS7       | 16:06 | 2.2      | Bottom  | 3          | 2         | 28.66           | 8.15 | 27.41         | 98.80 | 7.2      | 3.2            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS8(N)    | 16:36 | 1.0      | Surface | 1          | 1         | 28.69           | 8.14 | 27.08         | 95.00 | 6.9      | 3.4            | 0.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS8(N)    | 16:36 | 1.0      | Surface | 1          | 2         | 28.64           | 8.14 | 27.10         | 93.70 | 6.8      | 3.3            | 0.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS8(N)    | 16:36 | 3.1      | Bottom  | 3          | 1         | 28.64           | 8.13 | 27.20         | 94.40 | 6.8      | 3.8            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS8(N)    | 16:35 | 3.1      | Bottom  | 3          | 2         | 28.56           | 8.14 | 27.27         | 92.40 | 6.7      | 3.7            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:17 | 1.0      | Surface | 1          | 1         | 28.70           | 8.12 | 27.21         | 92.80 | 6.7      | 3.0            | 0.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:17 | 1.0      | Surface | 1          | 2         | 28.71           | 8.11 | 27.21         | 92.30 | 6.7      | 2.9            | 0.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:16 | 2.7      | Bottom  | 3          | 1         | 28.61           | 8.11 | 27.56         | 92.50 | 6.7      | 3.2            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS(Mf)9   | 16:17 | 2.7      | Bottom  | 3          | 2         | 28.64           | 8.10 | 27.56         | 92.30 | 6.7      | 3.2            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS10(N)   | 16:35 | 1.0      | Surface | 1          | 1         | 28.60           | 8.03 | 24.86         | 83.70 | 6.0      | 3.2            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS10(N)   | 16:35 | 1.0      | Surface | 1          | 2         | 28.59           | 8.03 | 25.05         | 85.30 | 6.1      | 3.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS10(N)   | 16:35 | 5.3      | Middle  | 2          | 1         | 28.15           | 7.94 | 29.26         | 82.10 | 5.8      | 3.8            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS10(N)   | 16:35 | 5.3      | Middle  | 2          | 2         | 28.10           | 7.94 | 29.22         | 82.70 | 5.8      | 3.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS10(N)   | 16:35 | 9.5      | Bottom  | 3          | 1         | 28.06           | 7.92 | 30.26         | 84.70 | 5.9      | 4.2            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | IS10(N)   | 16:34 | 9.5      | Bottom  | 3          | 2         | 28.06           | 7.91 | 29.94         | 84.50 | 5.9      | 4.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR3(N)    | 15:40 | 1.0      | Surface | 1          | 1         | 28.75           | 8.16 | 27.23         | 93.10 | 6.7      | 3.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR3(N)    | 15:39 | 1.0      | Surface | 1          | 2         | 28.73           | 8.18 | 27.16         | 88.30 | 6.4      | 3.5            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR3(N)    | 15:39 | 2.3      | Bottom  | 3          | 1         | 28.67           | 8.19 | 28.09         | 88.50 | 6.3      | 3.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR3(N)    | 15:39 | 2.3      | Bottom  | 3          | 2         | 28.71           | 8.14 | 27.95         | 88.40 | 6.4      | 3.5            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR4(N3)   | 16:29 | 1.0      | Surface | 1          | 1         | 28.67           | 8.14 | 27.11         | 94.00 | 6.8      | 2.8            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR4(N3)   | 16:29 | 1.0      | Surface | 1          | 2         | 28.68           | 8.14 | 27.10         | 95.50 | 6.9      | 2.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR4(N3)   | 16:29 | 2.8      | Bottom  | 3          | 1         | 28.13           | 8.13 | 27.30         | 92.70 | 6.7      | 2.7            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR4(N3)   | 16:29 | 2.8      | Bottom  | 3          | 2         | 28.67           | 8.13 | 27.31         | 94.20 | 6.8      | 2.8            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR5(N)    | 16:26 | 1.0      | Surface | 1          | 1         | 28.59           | 8.02 | 25.06         | 86.60 | 6.2      | 3.0            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR5(N)    | 16:25 | 1.0      | Surface | 1          | 2         | 28.61           | 8.04 | 24.90         | 86.70 | 6.2      | 3.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR5(N)    | 16:25 | 4.4      | Middle  | 2          | 1         | 28.12           | 7.96 | 28.70         | 84.10 | 5.9      | 3.0            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR5(N)    | 16:26 | 4.4      | Middle  | 2          | 2         | 28.11           | 7.94 | 28.72         | 83.90 | 5.9      | 3.2            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR5(N)    | 16:26 | 7.7      | Bottom  | 3          | 1         | 28.04           | 7.90 | 30.94         | 83.30 | 5.8      | 3.6            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR5(N)    | 16:25 | 7.7      | Bottom  | 3          | 2         | 28.00           | 7.90 | 30.99         | 82.70 | 5.8      | 3.6            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10A(N)  | 17:22 | 1.0      | Surface | 1          | 1         | 28.39           | 8.05 | 28.13         | 92.50 | 6.5      | 2.3            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10A(N)  | 17:23 | 1.0      | Surface | 1          | 2         | 28.36           | 8.04 | 28.20         | 94.10 | 6.6      | 2.3            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10A(N)  | 17:22 | 6.5      | Middle  | 2          | 1         | 28.00           | 8.01 | 30.64         | 91.10 | 6.4      | 2.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10A(N)  | 17:23 | 6.5      | Middle  | 2          | 2         | 27.99           | 7.98 | 30.90         | 88.30 | 6.2      | 3.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10A(N)  | 17:23 | 11.9     | Bottom  | 3          | 1         | 28.00           | 7.98 | 31.27         | 89.20 | 6.2      | 3.3            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10A(N)  | 17:22 | 11.9     | Bottom  | 3          | 2         | 28.03           | 8.02 | 31.12         | 88.50 | 6.2      | 3.2            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10B(N2) | 17:32 | 1.0      | Surface | 1          | 1         | 28.28           | 8.03 | 28.44         | 89.00 | 6.2      | 2.3            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10B(N2) | 17:32 | 1.0      | Surface | 1          | 2         | 28.33           | 8.02 | 28.48         | 89.40 | 6.3      | 2.3            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10B(N2) | 17:31 | 3.4      | Middle  | 2          | 1         | 28.13           | 8.00 | 29.78         | 87.80 | 6.1      | 2.6            | 1.6      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10B(N2) | 17:32 | 3.4      | Middle  | 2          | 2         | 28.12           | 7.99 | 29.73         | 87.60 | 6.1      | 2.7            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10B(N2) | 17:32 | 5.8      | Bottom  | 3          | 1         | 28.08           | 7.98 | 30.66         | 87.90 | 6.1      | 3.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | SR10B(N2) | 17:31 | 5.8      | Bottom  | 3          | 2         | 28.09           | 7.99 | 30.54         | 87.30 | 6.1      | 3.2            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS2(A)    | 15:34 | 1.0      | Surface | 1          | 1         | 28.60           | 8.06 | 24.62         | 94.40 | 6.7      | 2.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS2(A)    | 15:34 | 1.0      | Surface | 1          | 2         | 28.56           | 8.07 | 24.70         | 93.80 | 6.6      | 2.0            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS2(A)    | 15:34 | 3.2      | Middle  | 2          | 1         | 28.37           | 8.00 | 27.40         | 90.30 | 6.5      | 2.1            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS2(A)    | 15:34 | 3.2      | Middle  | 2          | 2         | 28.38           | 7.99 | 27.26         | 89.50 | 6.3      | 2.2            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS2(A)    | 15:34 | 5.4      | Bottom  | 3          | 1         | 28.20           | 7.95 | 29.17         | 89.20 | 6.3      | 2.6            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS2(A)    | 15:33 | 5.4      | Bottom  | 3          | 2         | 28.12           | 7.96 | 29.36         | 88.00 | 6.3      | 2.7            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:11 | 1.0      | Surface | 1          | 1         | 28.67           | 8.13 | 28.82         | 88.10 | 6.2      | 2.3            | 1.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:12 | 1.0      | Surface | 1          | 2         | 28.65           | 8.12 | 28.94         | 87.40 | 6.2      | 2.3            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:11 | 6.2      | Middle  | 2          | 1         | 28.00           | 8.03 | 31.47         | 80.60 | 5.7      | 2.9            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:10 | 6.2      | Middle  | 2          | 2         | 28.02           | 8.06 | 31.38         | 82.00 | 5.9      | 2.8            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:11 | 11.4     | Bottom  | 3          | 1         | 27.98           | 8.01 | 31.57         | 78.50 | 5.5      | 3.0            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Ebb   | Fine              | CS(Mf)5   | 17:10 | 11.4     | Bottom  | 3          | 2         | 27.90           | 8.05 | 32.00         | 80.70 | 5.7      | 3.0            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS5       | 11:52 | 1.0      | Surface | 1          | 1         | 28.52           | 8.11 | 28.36         | 78.60 | 5.5      | 4.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS5       | 11:51 | 1.0      | Surface | 1          | 2         | 28.52           | 8.11 | 28.32         | 84.10 | 5.9      | 4.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS5       | 11:51 | 4.2      | Middle  | 2          | 1         | 28.11           | 7.99 | 30.82         | 80.00 | 5.6      | 5.9            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS5       | 11:52 | 4.2      | Middle  | 2          | 2         | 28.12           | 7.99 | 30.80         | 76.50 | 5.4      | 5.8            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS5       | 11:51 | 7.3      | Bottom  | 3          | 1         | 28.07           | 7.99 | 31.13         | 75.50 | 5.3      | 6.3            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS5       | 11:51 | 7.3      | Bottom  | 3          | 2         | 28.08           | 7.98 | 31.12         | 78.20 | 5.5      | 6.1            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)6   | 11:43 | 1.0      | Surface | 1          | 1         | 28.55           | 8.09 | 27.06         | 88.60 | 6.4      | 2.8            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)6   | 11:43 | 1.0      | Surface | 1          | 2         | 28.59           | 8.09 | 27.06         | 88.80 | 6.4      | 2.8            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)6   | 11:42 | 2.1      | Bottom  | 3          | 1         | 28.47           | 8.06 | 27.74         | 90.70 | 6.5      | 3.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)6   | 11:43 | 2.1      | Bottom  | 3          | 2         | 28.51           | 8.06 | 27.61         | 88.20 | 6.3      | 3.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS7       | 11:34 | 1.0      | Surface | 1          | 1         | 28.52           | 8.08 | 27.13         | 89.80 | 6.5      | 2.5            | 1.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS7       | 11:34 | 1.0      | Surface | 1          | 2         | 28.54           | 8.07 | 27.13         | 90.00 | 6.5      | 2.5            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS7       | 11:34 | 2.2      | Bottom  | 3          | 1         | 28.49           | 8.07 | 27.35         | 89.90 | 6.5      | 2.6            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS7       | 11:34 | 2.2      | Bottom  | 3          | 2         | 28.45           | 8.07 | 27.33         | 90.00 | 6.5      | 2.5            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS8(N)    | 11:05 | 1.0      | Surface | 1          | 1         | 28.52           | 8.11 | 27.17         | 84.80 | 6.1      | 4.4            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS8(N)    | 11:04 | 1.0      | Surface | 1          | 2         | 28.55           | 8.12 | 27.03         | 86.50 | 6.2      | 4.3            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS8(N)    | 11:05 | 3.1      | Bottom  | 3          | 1         | 28.45           | 8.05 | 28.44         | 84.40 | 6.0      | 4.6            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS8(N)    | 11:04 | 3.1      | Bottom  | 3          | 2         | 28.38           | 8.07 | 28.43         | 85.60 | 6.0      | 4.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)9   | 11:26 | 1.0      | Surface | 1          | 1         | 28.54           | 8.09 | 27.19         | 90.70 | 6.5      | 3.8            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)9   | 11:26 | 1.0      | Surface | 1          | 2         | 28.56           | 8.09 | 27.20         | 90.90 | 6.5      | 3.7            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)9   | 11:26 | 2.6      | Bottom  | 3          | 1         | 28.51           | 8.08 | 27.52         | 90.80 | 6.5      | 4.0            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS(Mf)9   | 11:26 | 2.6      | Bottom  | 3          | 2         | 28.43           | 8.07 | 27.61         | 91.70 | 6.6      | 3.8            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS10(N)   | 11:30 | 1.0      | Surface | 1          | 1         | 28.35           | 8.07 | 26.48         | 90.00 | 6.3      | 3.2            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS10(N)   | 11:29 | 1.0      | Surface | 1          | 2         | 28.35           | 8.07 | 26.51         | 89.60 | 6.4      | 3.3            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS10(N)   | 11:29 | 5.3      | Middle  | 2          | 1         | 28.02           | 8.00 | 30.17         | 87.20 | 6.1      | 3.4            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS10(N)   | 11:29 | 5.3      | Middle  | 2          | 2         | 28.01           | 7.99 | 30.26         | 85.50 | 6.0      | 3.5            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS10(N)   | 11:29 | 9.6      | Bottom  | 3          | 1         | 28.01           | 8.00 | 30.39         | 81.90 | 5.7      | 3.8            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | IS10(N)   | 11:29 | 9.6      | Bottom  | 3          | 2         | 28.00           | 7.98 | 30.48         | 82.40 | 5.8      | 4.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR3(N)    | 12:00 | 1.0      | Surface | 1          | 1         | 28.57           | 8.10 | 26.84         | 90.10 | 6.5      | 2.9            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR3(N)    | 12:00 | 1.0      | Surface | 1          | 2         | 28.56           | 8.11 | 26.81         | 90.40 | 6.5      | 2.8            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR3(N)    | 12:00 | 2.3      | Bottom  | 3          | 1         | 28.55           | 8.07 | 27.56         | 89.80 | 6.4      | 3.5            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR3(N)    | 12:00 | 2.3      | Bottom  | 3          | 2         | 28.48           | 8.06 | 27.46         | 91.40 | 6.5      | 3.4            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR4(N3)   | 11:13 | 1.0      | Surface | 1          | 1         | 28.48           | 8.04 | 27.55         | 83.40 | 5.9      | 6.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR4(N3)   | 11:14 | 1.0      | Surface | 1          | 2         | 28.50           | 8.02 | 27.61         | 85.00 | 6.0      | 6.5            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR4(N3)   | 11:14 | 2.7      | Bottom  | 3          | 1         | 28.44           | 8.01 | 28.28         | 80.30 | 5.7      | 6.7            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR4(N3)   | 11:13 | 2.7      | Bottom  | 3          | 2         | 28.41           | 8.03 | 28.34         | 83.40 | 5.9      | 6.4            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR5(N)    | 11:41 | 1.0      | Surface | 1          | 1         | 28.38           | 8.07 | 26.30         | 88.10 | 6.3      | 3.1            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR5(N)    | 11:42 | 1.0      | Surface | 1          | 2         | 28.24           | 8.05 | 26.55         | 88.20 | 6.2      | 3.0            | 1.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR5(N)    | 11:42 | 4.4      | Middle  | 2          | 1         | 28.11           | 8.00 | 29.41         | 87.70 | 6.2      | 3.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR5(N)    | 11:41 | 4.4      | Middle  | 2          | 2         | 28.08           | 8.01 | 29.44         | 86.60 | 6.0      | 3.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR5(N)    | 11:42 | 7.7      | Bottom  | 3          | 1         | 28.01           | 7.98 | 30.43         | 85.80 | 6.0      | 3.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR5(N)    | 11:41 | 7.7      | Bottom  | 3          | 2         | 27.98           | 7.98 | 30.55         | 85.20 | 6.0      | 3.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10A(N)  | 10:32 | 1.0      | Surface | 1          | 1         | 28.27           | 8.05 | 27.48         | 87.90 | 6.3      | 1.7            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10A(N)  | 10:31 | 1.0      | Surface | 1          | 2         | 28.25           | 8.07 | 27.58         | 87.60 | 6.1      | 1.9            | 3.0      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10A(N)  | 10:32 | 6.3      | Middle  | 2          | 1         | 27.87           | 8.00 | 31.20         | 85.40 | 6.0      | 3.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10A(N)  | 10:31 | 6.3      | Middle  | 2          | 2         | 27.84           | 8.01 | 31.19         | 85.20 | 6.0      | 3.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10A(N)  | 10:31 | 11.6     | Bottom  | 3          | 1         | 27.85           | 8.00 | 31.31         | 85.20 | 5.9      | 3.7            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10A(N)  | 10:31 | 11.6     | Bottom  | 3          | 2         | 27.84           | 8.00 | 31.32         | 83.90 | 5.8      | 3.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10B(N2) | 10:21 | 1.0      | Surface | 1          | 1         | 28.26           | 8.06 | 27.44         | 93.30 | 6.5      | 2.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10B(N2) | 10:21 | 1.0      | Surface | 1          | 2         | 28.26           | 8.05 | 27.30         | 94.00 | 6.6      | 2.2            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10B(N2) | 10:21 | 3.5      | Middle  | 2          | 1         | 28.03           | 8.01 | 29.53         | 89.70 | 6.3      | 2.6            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10B(N2) | 10:21 | 3.5      | Middle  | 2          | 2         | 28.11           | 8.03 | 29.51         | 87.80 | 6.1      | 2.5            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10B(N2) | 10:20 | 5.9      | Bottom  | 3          | 1         | 27.83           | 7.96 | 31.21         | 87.20 | 6.2      | 2.9            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | SR10B(N2) | 10:21 | 5.9      | Bottom  | 3          | 2         | 27.87           | 7.99 | 31.19         | 88.60 | 6.2      | 3.4            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS2(A)    | 12:40 | 1.0      | Surface | 1          | 1         | 28.35           | 8.05 | 26.33         | 89.90 | 6.4      | 2.9            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS2(A)    | 12:40 | 1.0      | Surface | 1          | 2         | 28.35           | 8.07 | 26.20         | 89.40 | 6.4      | 3.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS2(A)    | 12:40 | 3.2      | Middle  | 2          | 1         | 28.10           | 8.00 | 28.86         | 87.50 | 6.1      | 3.0            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS2(A)    | 12:39 | 3.2      | Middle  | 2          | 2         | 28.13           | 8.01 | 28.92         | 87.20 | 6.1      | 2.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS2(A)    | 12:39 | 5.3      | Bottom  | 3          | 1         | 28.05           | 7.99 | 30.03         | 87.30 | 6.1      | 3.0            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS2(A)    | 12:40 | 5.3      | Bottom  | 3          | 2         | 28.06           | 7.98 | 30.07         | 86.50 | 6.1      | 3.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS(Mf)5   | 10:28 | 1.0      | Surface | 1          | 1         | 28.50           | 8.06 | 28.76         | 82.90 | 5.9      | 2.5            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS(Mf)5   | 10:27 | 1.0      | Surface | 1          | 2         | 28.44           | 8.06 | 28.85         | 79.20 | 5.7      | 2.5            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS(Mf)5   | 10:27 | 6.1      | Middle  | 2          | 1         | 28.01           | 8.02 | 30.98         | 77.20 | 5.4      | 2.9            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS(Mf)5   | 10:27 | 6.1      | Middle  | 2          | 2         | 28.02           | 7.98 | 30.85         | 78.40 | 5.4      | 2.8            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS(Mf)5   | 10:26 | 11.2     | Bottom  | 3          | 1         | 27.87           | 7.91 | 32.03         | 76.10 | 5.3      | 2.9            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-23        | Mid-Flood | Fine              | CS(Mf)5   | 10:27 | 11.2     | Bottom  | 3          | 2         | 27.90           | 7.96 | 32.04         | 75.60 | 5.2      | 2.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS5       | 7:07  | 1.0      | Surface | 1          | 1         | 28.28           | 8.11 | 29.76         | 83.20 | 5.8      | 3.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS5       | 7:07  | 1.0      | Surface | 1          | 2         | 28.25           | 8.11 | 29.75         | 85.60 | 5.9      | 3.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS5       | 7:06  | 4.2      | Middle  | 2          | 1         | 27.96           | 8.04 | 32.05         | 82.20 | 5.7      | 4.4            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS5       | 7:07  | 4.2      | Middle  | 2          | 2         | 27.97           | 8.04 | 32.00         | 80.80 | 5.6      | 4.3            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS5       | 7:07  | 7.4      | Bottom  | 3          | 1         | 27.93           | 8.03 | 32.54         | 80.70 | 5.5      | 4.8            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS5       | 7:06  | 7.4      | Bottom  | 3          | 2         | 27.92           | 8.04 | 32.52         | 81.50 | 5.6      | 4.6            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:57  | 1.0      | Surface | 1          | 1         | 28.26           | 8.07 | 28.12         | 87.40 | 6.1      | 2.8            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:58  | 1.0      | Surface | 1          | 2         | 28.29           | 8.07 | 28.18         | 87.60 | 6.1      | 2.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:57  | 2.2      | Bottom  | 3          | 1         | 28.23           | 8.05 | 28.79         | 87.10 | 6.1      | 3.0            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:57  | 2.2      | Bottom  | 3          | 2         | 28.21           | 8.05 | 28.89         | 88.50 | 6.2      | 3.1            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS7       | 6:48  | 1.0      | Surface | 1          | 1         | 28.22           | 8.07 | 28.27         | 88.60 | 6.2      | 2.9            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS7       | 6:48  | 1.0      | Surface | 1          | 2         | 28.22           | 8.06 | 28.31         | 89.00 | 6.2      | 2.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS7       | 6:48  | 2.3      | Bottom  | 3          | 1         | 28.19           | 8.06 | 28.57         | 88.20 | 6.2      | 3.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS7       | 6:48  | 2.3      | Bottom  | 3          | 2         | 28.18           | 8.06 | 28.55         | 88.50 | 6.2      | 2.9            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS8(N)    | 6:17  | 1.0      | Surface | 1          | 1         | 28.26           | 8.07 | 28.09         | 84.00 | 5.9      | 3.6            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS8(N)    | 6:17  | 1.0      | Surface | 1          | 2         | 28.26           | 8.08 | 28.00         | 85.60 | 6.0      | 3.6            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS8(N)    | 6:17  | 3.0      | Bottom  | 3          | 1         | 28.18           | 8.04 | 29.28         | 84.10 | 5.8      | 3.8            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS8(N)    | 6:17  | 3.0      | Bottom  | 3          | 2         | 28.15           | 8.06 | 29.26         | 85.60 | 6.0      | 3.9            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:40  | 1.0      | Surface | 1          | 1         | 28.24           | 8.09 | 28.14         | 88.50 | 6.2      | 3.3            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:40  | 1.0      | Surface | 1          | 2         | 28.27           | 8.08 | 28.17         | 88.80 | 6.2      | 3.3            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:40  | 2.6      | Bottom  | 3          | 1         | 28.22           | 8.07 | 28.70         | 88.40 | 6.2      | 3.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:40  | 2.6      | Bottom  | 3          | 2         | 28.18           | 8.08 | 28.84         | 88.90 | 6.2      | 3.4            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS10(N)   | 6:31  | 1.0      | Surface | 1          | 1         | 28.98           | 8.11 | 29.43         | 87.30 | 5.8      | 3.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS10(N)   | 6:31  | 1.0      | Surface | 1          | 2         | 28.98           | 8.10 | 29.44         | 87.10 | 5.9      | 3.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS10(N)   | 6:31  | 5.4      | Middle  | 2          | 1         | 28.79           | 8.06 | 31.23         | 84.70 | 5.7      | 3.5            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS10(N)   | 6:31  | 5.4      | Middle  | 2          | 2         | 28.80           | 8.06 | 31.19         | 85.50 | 5.7      | 3.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS10(N)   | 6:31  | 9.7      | Bottom  | 3          | 1         | 28.79           | 8.05 | 31.32         | 83.50 | 5.6      | 4.0            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | IS10(N)   | 6:30  | 9.7      | Bottom  | 3          | 2         | 28.80           | 8.06 | 31.28         | 83.10 | 5.6      | 3.9            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR3(N)    | 7:17  | 1.0      | Surface | 1          | 1         | 28.31           | 8.11 | 28.22         | 90.80 | 6.4      | 2.9            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR3(N)    | 7:17  | 1.0      | Surface | 1          | 2         | 28.31           | 8.11 | 28.21         | 91.30 | 6.4      | 2.9            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR3(N)    | 7:17  | 2.3      | Bottom  | 3          | 1         | 28.30           | 8.09 | 28.87         | 90.80 | 6.3      | 3.2            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR3(N)    | 7:16  | 2.3      | Bottom  | 3          | 2         | 28.24           | 8.08 | 28.79         | 91.80 | 6.4      | 3.2            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR4(N3)   | 6:27  | 1.0      | Surface | 1          | 1         | 28.22           | 8.02 | 28.48         | 82.70 | 5.8      | 4.6            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR4(N3)   | 6:27  | 1.0      | Surface | 1          | 2         | 28.21           | 8.01 | 28.54         | 82.60 | 5.7      | 4.5            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR4(N3)   | 6:27  | 2.9      | Bottom  | 3          | 1         | 28.17           | 8.00 | 29.13         | 80.50 | 5.6      | 4.8            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR4(N3)   | 6:26  | 2.9      | Bottom  | 3          | 2         | 28.16           | 8.01 | 29.18         | 82.80 | 5.8      | 4.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR5(N)    | 6:42  | 1.0      | Surface | 1          | 1         | 28.99           | 8.10 | 29.35         | 86.40 | 5.8      | 3.1            | 2.1      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR5(N)    | 6:43  | 1.0      | Surface | 1          | 2         | 28.92           | 8.09 | 29.48         | 86.60  | 5.8      | 3.1            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR5(N)    | 6:43  | 4.7      | Middle  | 2          | 1         | 28.84           | 8.07 | 30.84         | 85.90  | 5.8      | 3.6            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR5(N)    | 6:42  | 4.7      | Middle  | 2          | 2         | 28.83           | 8.07 | 30.85         | 85.40  | 5.7      | 3.4            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR5(N)    | 6:43  | 8.3      | Bottom  | 3          | 1         | 28.80           | 8.06 | 31.31         | 85.20  | 5.7      | 3.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR5(N)    | 6:42  | 8.3      | Bottom  | 3          | 2         | 28.79           | 8.05 | 31.36         | 85.10  | 5.7      | 3.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10A(N)  | 5:39  | 1.0      | Surface | 1          | 1         | 28.93           | 8.09 | 29.88         | 85.50  | 5.8      | 2.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10A(N)  | 5:38  | 1.0      | Surface | 1          | 2         | 28.93           | 8.10 | 29.90         | 85.90  | 5.8      | 2.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10A(N)  | 5:38  | 6.7      | Middle  | 2          | 1         | 28.70           | 8.06 | 31.64         | 84.20  | 5.7      | 3.4            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10A(N)  | 5:39  | 6.7      | Middle  | 2          | 2         | 28.70           | 8.06 | 31.69         | 83.90  | 5.6      | 3.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10A(N)  | 5:38  | 12.4     | Bottom  | 3          | 1         | 28.71           | 8.06 | 31.71         | 84.00  | 5.6      | 3.9            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10A(N)  | 5:38  | 12.4     | Bottom  | 3          | 2         | 28.71           | 8.06 | 31.72         | 84.70  | 5.7      | 4.1            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10B(N2) | 5:28  | 1.0      | Surface | 1          | 1         | 28.95           | 8.09 | 29.80         | 90.80  | 6.1      | 2.7            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10B(N2) | 5:27  | 1.0      | Surface | 1          | 2         | 28.94           | 8.08 | 29.70         | 90.10  | 6.0      | 2.6            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10B(N2) | 5:27  | 3.7      | Middle  | 2          | 1         | 28.81           | 8.05 | 30.73         | 87.90  | 5.9      | 3.0            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10B(N2) | 5:27  | 3.7      | Middle  | 2          | 2         | 28.86           | 8.07 | 30.77         | 86.40  | 5.8      | 3.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10B(N2) | 5:27  | 6.3      | Bottom  | 3          | 1         | 28.70           | 8.03 | 31.54         | 85.80  | 5.8      | 3.2            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | SR10B(N2) | 5:27  | 6.3      | Bottom  | 3          | 2         | 28.72           | 8.05 | 31.58         | 86.40  | 5.8      | 3.5            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS2(A)    | 7:35  | 1.0      | Surface | 1          | 1         | 28.98           | 8.10 | 29.39         | 87.20  | 5.9      | 3.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS2(A)    | 7:34  | 1.0      | Surface | 1          | 2         | 28.98           | 8.10 | 29.32         | 87.10  | 5.9      | 3.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS2(A)    | 7:35  | 3.3      | Middle  | 2          | 1         | 28.85           | 8.07 | 30.57         | 85.80  | 5.8      | 3.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS2(A)    | 7:34  | 3.3      | Middle  | 2          | 2         | 28.87           | 8.07 | 30.59         | 85.90  | 5.8      | 3.2            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS2(A)    | 7:35  | 5.5      | Bottom  | 3          | 1         | 28.82           | 8.06 | 31.16         | 85.50  | 5.7      | 3.4            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS2(A)    | 7:34  | 5.5      | Bottom  | 3          | 2         | 28.82           | 8.06 | 31.13         | 86.20  | 5.8      | 3.4            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:44  | 1.0      | Surface | 1          | 1         | 28.22           | 8.06 | 28.97         | 80.30  | 5.6      | 2.4            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:43  | 1.0      | Surface | 1          | 2         | 28.18           | 8.05 | 29.03         | 77.30  | 5.4      | 2.3            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:43  | 6.2      | Middle  | 2          | 1         | 27.86           | 8.00 | 31.63         | 75.90  | 5.2      | 2.8            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:43  | 6.2      | Middle  | 2          | 2         | 27.86           | 8.02 | 31.72         | 75.70  | 5.2      | 2.8            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:42  | 11.4     | Bottom  | 3          | 1         | 27.72           | 7.96 | 32.92         | 74.10  | 5.1      | 3.1            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:43  | 11.4     | Bottom  | 3          | 2         | 27.75           | 7.99 | 32.76         | 73.60  | 5.0      | 3.1            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS5       | 19:02 | 1.0      | Surface | 1          | 1         | 27.66           | 8.12 | 28.17         | 87.50  | 6.1      | 4.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS5       | 19:03 | 1.0      | Surface | 1          | 2         | 27.68           | 8.12 | 28.17         | 86.60  | 6.0      | 4.1            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS5       | 19:02 | 4.3      | Middle  | 2          | 1         | 27.47           | 8.07 | 29.51         | 84.30  | 5.9      | 4.6            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS5       | 19:02 | 4.3      | Middle  | 2          | 2         | 27.45           | 8.07 | 29.52         | 84.80  | 5.9      | 4.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS5       | 19:02 | 7.5      | Bottom  | 3          | 1         | 27.33           | 8.06 | 31.09         | 83.40  | 5.8      | 4.4            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS5       | 19:02 | 7.5      | Bottom  | 3          | 2         | 27.26           | 8.05 | 31.11         | 83.50  | 5.8      | 4.5            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)6   | 19:10 | 1.0      | Surface | 1          | 1         | 27.64           | 8.12 | 28.50         | 98.80  | 6.9      | 3.1            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)6   | 19:10 | 1.0      | Surface | 1          | 2         | 27.71           | 8.13 | 28.02         | 98.00  | 6.9      | 3.1            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)6   | 19:10 | 2.2      | Bottom  | 3          | 1         | 27.60           | 8.12 | 28.58         | 98.40  | 6.9      | 3.3            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)6   | 19:10 | 2.2      | Bottom  | 3          | 2         | 27.58           | 8.11 | 28.66         | 98.40  | 6.9      | 3.3            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS7       | 19:20 | 1.0      | Surface | 1          | 1         | 27.69           | 8.12 | 28.34         | 100.50 | 7.0      | 2.9            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS7       | 19:20 | 1.0      | Surface | 1          | 2         | 27.63           | 8.13 | 28.51         | 99.60  | 7.0      | 3.0            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS7       | 19:20 | 2.2      | Bottom  | 3          | 1         | 27.62           | 8.11 | 28.56         | 98.60  | 6.9      | 2.9            | 1.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS7       | 19:20 | 2.2      | Bottom  | 3          | 2         | 27.63           | 8.13 | 28.48         | 99.00  | 6.9      | 3.0            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS8(N)    | 19:52 | 1.0      | Surface | 1          | 1         | 27.48           | 8.12 | 27.87         | 94.80  | 6.6      | 3.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS8(N)    | 19:51 | 1.0      | Surface | 1          | 2         | 27.44           | 8.11 | 27.87         | 92.60  | 6.5      | 2.8            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS8(N)    | 19:51 | 3.1      | Bottom  | 3          | 1         | 27.34           | 8.11 | 28.17         | 90.30  | 6.3      | 3.2            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS8(N)    | 19:52 | 3.1      | Bottom  | 3          | 2         | 27.44           | 8.10 | 28.09         | 93.20  | 6.5      | 3.2            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)9   | 19:31 | 1.0      | Surface | 1          | 1         | 27.66           | 8.11 | 28.38         | 96.60  | 6.7      | 2.8            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)9   | 19:30 | 1.0      | Surface | 1          | 2         | 27.64           | 8.11 | 28.40         | 95.70  | 6.7      | 2.9            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)9   | 19:30 | 2.6      | Bottom  | 3          | 1         | 27.56           | 8.10 | 28.71         | 95.10  | 6.6      | 3.2            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS(Mf)9   | 19:31 | 2.6      | Bottom  | 3          | 2         | 27.62           | 8.10 | 28.56         | 94.50  | 6.6      | 3.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS10(N)   | 19:55 | 1.0      | Surface | 1          | 1         | 28.39           | 8.08 | 27.08         | 84.00  | 5.7      | 3.7            | 1.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS10(N)   | 19:54 | 1.0      | Surface | 1          | 2         | 28.38           | 8.08 | 27.17         | 84.80  | 5.7      | 3.9            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS10(N)   | 19:54 | 5.3      | Middle  | 2          | 1         | 28.11           | 8.03 | 29.43         | 82.80  | 5.6      | 4.2            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS10(N)   | 19:55 | 5.3      | Middle  | 2          | 2         | 28.09           | 8.03 | 29.41         | 83.40  | 5.6      | 4.2            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS10(N)   | 19:55 | 9.5      | Bottom  | 3          | 1         | 28.09           | 8.02 | 29.88         | 84.60  | 5.7      | 4.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | IS10(N)   | 19:54 | 9.5      | Bottom  | 3          | 2         | 28.07           | 8.01 | 29.77         | 84.30  | 5.6      | 4.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR3(N)    | 18:50 | 1.0      | Surface | 1          | 1         | 27.69           | 8.15 | 26.70         | 91.20  | 6.4      | 3.4            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR3(N)    | 18:51 | 1.0      | Surface | 1          | 2         | 27.72           | 8.14 | 26.80         | 94.70  | 6.6      | 3.4            | 2.1      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR3(N)    | 18:50 | 2.3      | Bottom  | 3          | 1         | 27.64           | 8.15 | 27.64         | 90.00 | 6.3      | 3.5            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR3(N)    | 18:50 | 2.3      | Bottom  | 3          | 2         | 27.70           | 8.13 | 27.20         | 91.40 | 6.4      | 3.4            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR4(N3)   | 19:44 | 1.0      | Surface | 1          | 1         | 27.64           | 8.12 | 28.22         | 93.80 | 6.6      | 2.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR4(N3)   | 19:44 | 1.0      | Surface | 1          | 2         | 27.46           | 8.11 | 27.90         | 95.20 | 6.7      | 2.6            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR4(N3)   | 19:44 | 2.8      | Bottom  | 3          | 1         | 27.31           | 8.11 | 28.54         | 91.70 | 6.4      | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR4(N3)   | 19:44 | 2.8      | Bottom  | 3          | 2         | 27.43           | 8.11 | 28.14         | 94.50 | 6.6      | 2.8            | 2.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR5(N)    | 19:45 | 1.0      | Surface | 1          | 1         | 28.38           | 8.07 | 27.15         | 85.40 | 5.8      | 3.4            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR5(N)    | 19:44 | 1.0      | Surface | 1          | 2         | 28.38           | 8.08 | 27.07         | 85.30 | 5.8      | 3.4            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR5(N)    | 19:44 | 4.6      | Middle  | 2          | 1         | 28.09           | 8.04 | 29.11         | 83.90 | 5.6      | 3.4            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR5(N)    | 19:44 | 4.6      | Middle  | 2          | 2         | 28.10           | 8.03 | 29.13         | 83.80 | 5.6      | 3.4            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR5(N)    | 19:44 | 8.2      | Bottom  | 3          | 1         | 28.06           | 8.00 | 30.23         | 83.70 | 5.6      | 4.0            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR5(N)    | 19:44 | 8.2      | Bottom  | 3          | 2         | 28.04           | 8.00 | 30.23         | 83.70 | 5.6      | 4.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10A(N)  | 20:42 | 1.0      | Surface | 1          | 1         | 28.24           | 8.09 | 28.91         | 87.00 | 5.8      | 3.0            | 1.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10A(N)  | 20:43 | 1.0      | Surface | 1          | 2         | 28.22           | 8.09 | 28.95         | 88.30 | 5.9      | 3.1            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10A(N)  | 20:42 | 6.9      | Middle  | 2          | 1         | 27.98           | 8.06 | 30.32         | 85.70 | 5.8      | 3.3            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10A(N)  | 20:43 | 6.9      | Middle  | 2          | 2         | 27.98           | 8.05 | 30.41         | 84.90 | 5.7      | 3.5            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10A(N)  | 20:43 | 12.7     | Bottom  | 3          | 1         | 28.00           | 8.05 | 30.56         | 85.70 | 5.7      | 3.8            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10A(N)  | 20:42 | 12.7     | Bottom  | 3          | 2         | 28.00           | 8.06 | 30.53         | 85.20 | 5.7      | 3.8            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10B(N2) | 20:52 | 1.0      | Surface | 1          | 1         | 28.22           | 8.08 | 29.07         | 86.50 | 5.8      | 2.9            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10B(N2) | 20:53 | 1.0      | Surface | 1          | 2         | 28.19           | 8.08 | 29.08         | 86.50 | 5.8      | 2.9            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10B(N2) | 20:52 | 3.6      | Middle  | 2          | 1         | 28.09           | 8.06 | 29.80         | 85.50 | 5.7      | 3.1            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10B(N2) | 20:53 | 3.6      | Middle  | 2          | 2         | 28.08           | 8.06 | 29.76         | 85.50 | 5.7      | 3.2            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10B(N2) | 20:52 | 6.1      | Bottom  | 3          | 1         | 28.07           | 8.05 | 30.23         | 85.90 | 5.7      | 3.6            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | SR10B(N2) | 20:52 | 6.1      | Bottom  | 3          | 2         | 28.06           | 8.05 | 30.21         | 85.50 | 5.7      | 3.5            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS2(A)    | 18:56 | 1.0      | Surface | 1          | 1         | 28.40           | 8.09 | 26.92         | 89.40 | 6.0      | 2.9            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS2(A)    | 18:55 | 1.0      | Surface | 1          | 2         | 28.36           | 8.09 | 26.98         | 89.30 | 6.0      | 3.0            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS2(A)    | 18:55 | 3.3      | Middle  | 2          | 1         | 28.25           | 8.05 | 28.38         | 87.00 | 5.9      | 3.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS2(A)    | 18:55 | 3.3      | Middle  | 2          | 2         | 28.23           | 8.05 | 28.44         | 87.70 | 6.0      | 3.2            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS2(A)    | 18:55 | 5.5      | Bottom  | 3          | 1         | 28.16           | 8.03 | 29.32         | 87.10 | 5.9      | 3.5            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS2(A)    | 18:55 | 5.5      | Bottom  | 3          | 2         | 28.07           | 8.03 | 29.43         | 87.10 | 5.9      | 3.6            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS(Mf)5   | 20:36 | 1.0      | Surface | 1          | 1         | 27.50           | 8.13 | 27.73         | 85.90 | 5.9      | 2.7            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS(Mf)5   | 20:37 | 1.0      | Surface | 1          | 2         | 27.44           | 8.11 | 27.93         | 84.90 | 5.9      | 2.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS(Mf)5   | 20:36 | 6.1      | Middle  | 2          | 1         | 26.83           | 8.06 | 30.90         | 80.30 | 5.6      | 2.9            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS(Mf)5   | 20:36 | 6.1      | Middle  | 2          | 2         | 26.80           | 8.03 | 30.99         | 79.80 | 5.5      | 2.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS(Mf)5   | 20:36 | 11.2     | Bottom  | 3          | 1         | 26.79           | 8.02 | 31.82         | 80.30 | 5.5      | 3.2            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-25        | Mid-Flood | Fine              | CS(Mf)5   | 20:36 | 11.2     | Bottom  | 3          | 2         | 26.71           | 8.05 | 31.92         | 81.80 | 5.6      | 3.1            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS5       | 11:04 | 1.0      | Surface | 1          | 1         | 28.20           | 8.02 | 29.33         | 76.80 | 5.5      | 3.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS5       | 11:04 | 1.0      | Surface | 1          | 2         | 28.19           | 8.03 | 29.30         | 78.30 | 5.5      | 3.0            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS5       | 11:03 | 4.2      | Middle  | 2          | 1         | 28.00           | 7.98 | 30.59         | 75.70 | 5.4      | 3.5            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS5       | 11:04 | 4.2      | Middle  | 2          | 2         | 28.00           | 7.98 | 30.57         | 75.00 | 5.3      | 3.5            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS5       | 11:04 | 7.4      | Bottom  | 3          | 1         | 27.98           | 7.97 | 30.85         | 74.70 | 5.3      | 3.7            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS5       | 11:03 | 7.4      | Bottom  | 3          | 2         | 27.98           | 7.98 | 30.84         | 75.10 | 5.3      | 3.6            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)6   | 10:54 | 1.0      | Surface | 1          | 1         | 28.20           | 8.01 | 28.47         | 79.90 | 5.7      | 2.8            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)6   | 10:54 | 1.0      | Surface | 1          | 2         | 28.22           | 8.01 | 28.50         | 80.20 | 5.7      | 2.8            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)6   | 10:54 | 2.2      | Bottom  | 3          | 1         | 28.18           | 8.00 | 28.84         | 79.70 | 5.7      | 2.9            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)6   | 10:54 | 2.2      | Bottom  | 3          | 2         | 28.18           | 7.99 | 28.93         | 79.60 | 5.7      | 2.9            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS7       | 10:45 | 1.0      | Surface | 1          | 1         | 28.20           | 8.00 | 28.55         | 79.90 | 5.7      | 2.9            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS7       | 10:44 | 1.0      | Surface | 1          | 2         | 28.20           | 8.01 | 28.54         | 79.40 | 5.7      | 2.9            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS7       | 10:44 | 2.3      | Bottom  | 3          | 1         | 28.18           | 8.00 | 28.72         | 79.30 | 5.7      | 3.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS7       | 10:44 | 2.3      | Bottom  | 3          | 2         | 28.18           | 8.00 | 28.72         | 79.20 | 5.6      | 3.0            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS8(N)    | 10:13 | 1.0      | Surface | 1          | 1         | 28.22           | 8.01 | 28.42         | 78.50 | 5.6      | 2.8            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS8(N)    | 10:12 | 1.0      | Surface | 1          | 2         | 28.23           | 8.01 | 28.38         | 78.60 | 5.6      | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS8(N)    | 10:13 | 3.0      | Bottom  | 3          | 1         | 28.18           | 7.99 | 29.07         | 78.10 | 5.6      | 3.1            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS8(N)    | 10:12 | 3.0      | Bottom  | 3          | 2         | 28.16           | 8.00 | 29.08         | 78.00 | 5.6      | 3.2            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)9   | 10:36 | 1.0      | Surface | 1          | 1         | 28.21           | 8.02 | 28.48         | 80.40 | 5.7      | 2.8            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)9   | 10:36 | 1.0      | Surface | 1          | 2         | 28.23           | 8.01 | 28.50         | 80.90 | 5.8      | 2.8            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)9   | 10:36 | 2.6      | Bottom  | 3          | 1         | 28.19           | 8.01 | 28.79         | 80.50 | 5.7      | 3.0            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS(Mf)9   | 10:36 | 2.6      | Bottom  | 3          | 2         | 28.17           | 8.01 | 28.87         | 80.00 | 5.7      | 2.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS10(N)   | 10:42 | 1.0      | Surface | 1          | 1         | 28.02           | 8.03 | 28.56         | 82.10 | 5.6      | 2.9            | 1.8      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS10(N)   | 10:41 | 1.0      | Surface | 1          | 2         | 28.01           | 8.02 | 28.56         | 81.90 | 5.6      | 2.9            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS10(N)   | 10:41 | 5.3      | Middle  | 2          | 1         | 27.89           | 8.00 | 29.61         | 80.20 | 5.5      | 3.1            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS10(N)   | 10:41 | 5.3      | Middle  | 2          | 2         | 27.89           | 8.00 | 29.59         | 80.60 | 5.5      | 3.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS10(N)   | 10:41 | 9.6      | Bottom  | 3          | 1         | 27.89           | 7.99 | 29.68         | 79.50 | 5.4      | 3.5            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | IS10(N)   | 10:40 | 9.6      | Bottom  | 3          | 2         | 27.89           | 8.00 | 29.65         | 79.50 | 5.4      | 3.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR3(N)    | 11:14 | 1.0      | Surface | 1          | 1         | 28.22           | 8.02 | 28.54         | 80.10 | 5.7      | 2.7            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR3(N)    | 11:14 | 1.0      | Surface | 1          | 2         | 28.22           | 8.02 | 28.52         | 80.60 | 5.8      | 2.7            | 1.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR3(N)    | 11:14 | 2.3      | Bottom  | 3          | 1         | 28.22           | 8.01 | 28.91         | 80.10 | 5.7      | 2.9            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR3(N)    | 11:14 | 2.3      | Bottom  | 3          | 2         | 28.18           | 8.01 | 28.86         | 80.50 | 5.7      | 2.9            | 2.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR4(N3)   | 10:22 | 1.0      | Surface | 1          | 1         | 28.19           | 7.98 | 28.62         | 77.80 | 5.6      | 3.2            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR4(N3)   | 10:22 | 1.0      | Surface | 1          | 2         | 28.19           | 7.98 | 28.66         | 77.90 | 5.6      | 3.2            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR4(N3)   | 10:22 | 2.8      | Bottom  | 3          | 1         | 28.16           | 7.97 | 28.99         | 76.90 | 5.5      | 3.4            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR4(N3)   | 10:22 | 2.8      | Bottom  | 3          | 2         | 28.15           | 7.97 | 29.03         | 77.50 | 5.5      | 3.2            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR5(N)    | 10:49 | 1.0      | Surface | 1          | 1         | 28.03           | 8.03 | 28.54         | 80.90 | 5.5      | 2.8            | 1.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR5(N)    | 10:50 | 1.0      | Surface | 1          | 2         | 27.99           | 8.02 | 28.60         | 81.00 | 5.5      | 2.8            | 1.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR5(N)    | 10:50 | 4.7      | Middle  | 2          | 1         | 27.92           | 8.00 | 29.40         | 80.30 | 5.5      | 3.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR5(N)    | 10:49 | 4.7      | Middle  | 2          | 2         | 27.91           | 8.00 | 29.42         | 80.10 | 5.5      | 3.0            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR5(N)    | 10:49 | 8.3      | Bottom  | 3          | 1         | 27.88           | 7.99 | 29.72         | 80.00 | 5.5      | 3.2            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR5(N)    | 10:49 | 8.3      | Bottom  | 3          | 2         | 27.89           | 8.00 | 29.68         | 80.00 | 5.5      | 3.3            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10A(N)  | 9:47  | 1.0      | Surface | 1          | 1         | 28.01           | 8.02 | 28.86         | 80.60 | 5.5      | 2.3            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10A(N)  | 9:46  | 1.0      | Surface | 1          | 2         | 28.03           | 8.02 | 28.85         | 80.90 | 5.5      | 2.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10A(N)  | 9:46  | 6.7      | Middle  | 2          | 1         | 27.85           | 7.99 | 29.89         | 79.60 | 5.4      | 2.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10A(N)  | 9:47  | 6.7      | Middle  | 2          | 2         | 27.85           | 7.99 | 29.93         | 79.10 | 5.4      | 2.7            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10A(N)  | 9:46  | 12.4     | Bottom  | 3          | 1         | 27.87           | 7.99 | 29.95         | 79.40 | 5.4      | 3.1            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10A(N)  | 9:47  | 12.4     | Bottom  | 3          | 2         | 27.88           | 7.99 | 29.95         | 79.60 | 5.4      | 3.2            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10B(N2) | 9:37  | 1.0      | Surface | 1          | 1         | 28.04           | 8.01 | 28.80         | 85.30 | 5.8      | 2.3            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10B(N2) | 9:37  | 1.0      | Surface | 1          | 2         | 28.04           | 8.00 | 28.74         | 84.60 | 5.8      | 2.3            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10B(N2) | 9:36  | 3.7      | Middle  | 2          | 1         | 27.94           | 7.98 | 29.34         | 82.60 | 5.6      | 2.5            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10B(N2) | 9:37  | 3.7      | Middle  | 2          | 2         | 27.96           | 7.99 | 29.36         | 81.20 | 5.5      | 2.5            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10B(N2) | 9:36  | 6.4      | Bottom  | 3          | 1         | 27.86           | 7.97 | 29.82         | 80.80 | 5.5      | 2.7            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | SR10B(N2) | 9:37  | 6.4      | Bottom  | 3          | 2         | 27.88           | 7.98 | 29.84         | 81.00 | 5.5      | 2.8            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 1.0      | Surface | 1          | 1         | 27.99           | 8.03 | 28.55         | 82.00 | 5.6      | 2.9            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 1.0      | Surface | 1          | 2         | 27.99           | 8.03 | 28.53         | 82.00 | 5.6      | 3.0            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 3.3      | Middle  | 2          | 1         | 27.90           | 8.01 | 29.23         | 81.00 | 5.5      | 3.2            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 3.3      | Middle  | 2          | 2         | 27.91           | 8.01 | 29.23         | 81.00 | 5.5      | 3.1            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 5.6      | Bottom  | 3          | 1         | 27.88           | 8.00 | 29.59         | 80.90 | 5.5      | 3.4            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS2(A)    | 11:37 | 5.6      | Bottom  | 3          | 2         | 27.88           | 8.00 | 29.57         | 81.10 | 5.5      | 3.3            | 2.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS(Mf)5   | 9:30  | 1.0      | Surface | 1          | 1         | 28.18           | 7.99 | 28.85         | 76.00 | 5.4      | 2.3            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS(Mf)5   | 9:30  | 1.0      | Surface | 1          | 2         | 28.16           | 7.98 | 28.89         | 74.40 | 5.3      | 2.2            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS(Mf)5   | 9:29  | 6.2      | Middle  | 2          | 1         | 27.96           | 7.95 | 30.37         | 73.10 | 5.2      | 2.6            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS(Mf)5   | 9:30  | 6.2      | Middle  | 2          | 2         | 27.96           | 7.96 | 30.42         | 73.20 | 5.2      | 2.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS(Mf)5   | 9:29  | 11.3     | Bottom  | 3          | 1         | 27.89           | 7.92 | 31.10         | 71.70 | 5.1      | 2.8            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Ebb   | Fine              | CS(Mf)5   | 9:30  | 11.3     | Bottom  | 3          | 2         | 27.89           | 7.94 | 31.01         | 71.90 | 5.1      | 2.8            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS5       | 18:25 | 1.0      | Surface | 1          | 1         | 27.91           | 8.03 | 28.67         | 79.60 | 5.7      | 3.3            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS5       | 18:26 | 1.0      | Surface | 1          | 2         | 27.92           | 8.03 | 28.62         | 79.20 | 5.6      | 3.3            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS5       | 18:26 | 4.3      | Middle  | 2          | 1         | 27.78           | 8.00 | 29.37         | 77.70 | 5.5      | 3.6            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS5       | 18:25 | 4.3      | Middle  | 2          | 2         | 27.78           | 8.00 | 29.42         | 77.90 | 5.5      | 3.6            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS5       | 18:26 | 7.5      | Bottom  | 3          | 1         | 27.71           | 7.99 | 30.20         | 77.10 | 5.5      | 3.6            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS5       | 18:25 | 7.5      | Bottom  | 3          | 2         | 27.67           | 7.99 | 30.22         | 77.10 | 5.5      | 3.6            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)6   | 18:35 | 1.0      | Surface | 1          | 1         | 27.89           | 8.04 | 28.74         | 86.50 | 6.2      | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)6   | 18:35 | 1.0      | Surface | 1          | 2         | 27.93           | 8.05 | 28.50         | 85.50 | 6.1      | 2.9            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)6   | 18:35 | 2.2      | Bottom  | 3          | 1         | 27.86           | 8.03 | 28.85         | 85.60 | 6.1      | 3.1            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)6   | 18:35 | 2.2      | Bottom  | 3          | 2         | 27.86           | 8.04 | 28.83         | 85.10 | 6.1      | 3.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS7       | 18:44 | 1.0      | Surface | 1          | 1         | 27.93           | 8.05 | 28.65         | 87.60 | 6.2      | 2.9            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS7       | 18:44 | 1.0      | Surface | 1          | 2         | 27.90           | 8.05 | 28.73         | 86.80 | 6.2      | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS7       | 18:44 | 2.3      | Bottom  | 3          | 1         | 27.89           | 8.04 | 28.77         | 86.30 | 6.1      | 2.9            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS7       | 18:44 | 2.3      | Bottom  | 3          | 2         | 27.89           | 8.05 | 28.74         | 86.00 | 6.1      | 3.0            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS8(N)    | 19:16 | 1.0      | Surface | 1          | 1         | 27.83           | 8.03 | 28.54         | 81.80 | 5.8      | 2.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS8(N)    | 19:17 | 1.0      | Surface | 1          | 2         | 27.85           | 8.04 | 28.55         | 83.00 | 5.9      | 2.8            | 4.6      |

Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS8(N)    | 19:16 | 3.0      | Bottom  | 3          | 1         | 27.76           | 8.03 | 28.77         | 80.50 | 5.7      | 3.0            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS8(N)    | 19:17 | 3.0      | Bottom  | 3          | 2         | 27.83           | 8.03 | 28.71         | 82.00 | 5.9      | 2.9            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)9   | 18:55 | 1.0      | Surface | 1          | 1         | 27.93           | 8.04 | 28.79         | 84.60 | 6.0      | 2.7            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)9   | 18:55 | 1.0      | Surface | 1          | 2         | 27.91           | 8.05 | 28.79         | 83.90 | 6.0      | 2.7            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)9   | 18:54 | 2.6      | Bottom  | 3          | 1         | 27.86           | 8.05 | 29.00         | 83.20 | 5.9      | 3.0            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS(Mf)9   | 18:55 | 2.6      | Bottom  | 3          | 2         | 27.91           | 8.04 | 28.94         | 83.30 | 5.9      | 3.0            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS10(N)   | 19:07 | 1.0      | Surface | 1          | 1         | 27.82           | 8.01 | 27.22         | 80.20 | 5.5      | 3.2            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS10(N)   | 19:06 | 1.0      | Surface | 1          | 2         | 27.80           | 8.01 | 27.27         | 80.30 | 5.5      | 3.2            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS10(N)   | 19:06 | 5.3      | Middle  | 2          | 1         | 27.58           | 7.98 | 28.74         | 79.10 | 5.4      | 3.5            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS10(N)   | 19:07 | 5.3      | Middle  | 2          | 2         | 27.58           | 7.97 | 28.72         | 79.40 | 5.4      | 3.5            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS10(N)   | 19:06 | 9.5      | Bottom  | 3          | 1         | 27.59           | 7.97 | 28.98         | 79.80 | 5.4      | 3.7            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | IS10(N)   | 19:06 | 9.5      | Bottom  | 3          | 2         | 27.57           | 7.96 | 28.94         | 79.80 | 5.4      | 3.6            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR3(N)    | 18:15 | 1.0      | Surface | 1          | 1         | 27.97           | 8.04 | 27.89         | 84.40 | 6.0      | 3.1            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR3(N)    | 18:14 | 1.0      | Surface | 1          | 2         | 27.95           | 8.05 | 27.77         | 81.50 | 5.8      | 3.0            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR3(N)    | 18:14 | 2.4      | Bottom  | 3          | 1         | 27.91           | 8.05 | 28.27         | 80.40 | 5.7      | 3.2            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR3(N)    | 18:14 | 2.4      | Bottom  | 3          | 2         | 27.94           | 8.04 | 28.07         | 81.60 | 5.8      | 3.1            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR4(N3)   | 19:09 | 1.0      | Surface | 1          | 1         | 27.80           | 8.04 | 28.50         | 83.50 | 6.0      | 2.6            | 3.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR4(N3)   | 19:09 | 1.0      | Surface | 1          | 2         | 27.90           | 8.04 | 28.67         | 82.60 | 5.9      | 2.7            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR4(N3)   | 19:08 | 2.8      | Bottom  | 3          | 1         | 27.72           | 8.03 | 28.91         | 81.20 | 5.8      | 2.8            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR4(N3)   | 19:09 | 2.8      | Bottom  | 3          | 2         | 27.78           | 8.03 | 28.69         | 82.80 | 5.9      | 2.8            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR5(N)    | 18:56 | 1.0      | Surface | 1          | 1         | 27.81           | 8.00 | 27.24         | 81.20 | 5.6      | 2.9            | 2.7      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR5(N)    | 18:56 | 1.0      | Surface | 1          | 2         | 27.80           | 8.01 | 27.20         | 81.00 | 5.6      | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR5(N)    | 18:56 | 4.7      | Middle  | 2          | 1         | 27.59           | 7.97 | 28.54         | 79.70 | 5.4      | 3.0            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR5(N)    | 18:55 | 4.7      | Middle  | 2          | 2         | 27.58           | 7.98 | 28.52         | 79.70 | 5.4      | 3.1            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR5(N)    | 18:56 | 8.3      | Bottom  | 3          | 1         | 27.57           | 7.96 | 29.17         | 79.70 | 5.4      | 3.5            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR5(N)    | 18:55 | 8.3      | Bottom  | 3          | 2         | 27.55           | 7.96 | 29.18         | 79.70 | 5.4      | 3.5            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10A(N)  | 19:54 | 1.0      | Surface | 1          | 1         | 27.71           | 8.02 | 28.59         | 81.90 | 5.6      | 2.6            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10A(N)  | 19:55 | 1.0      | Surface | 1          | 2         | 27.69           | 8.02 | 28.61         | 82.70 | 5.6      | 2.6            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10A(N)  | 19:54 | 6.8      | Middle  | 2          | 1         | 27.48           | 8.00 | 29.55         | 80.70 | 5.5      | 2.8            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10A(N)  | 19:55 | 6.8      | Middle  | 2          | 2         | 27.50           | 7.99 | 29.54         | 79.90 | 5.4      | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10A(N)  | 19:54 | 12.5     | Bottom  | 3          | 1         | 27.50           | 8.00 | 29.65         | 80.40 | 5.5      | 3.0            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10A(N)  | 19:54 | 12.5     | Bottom  | 3          | 2         | 27.53           | 7.99 | 29.61         | 80.30 | 5.5      | 3.0            | 3.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10B(N2) | 20:04 | 1.0      | Surface | 1          | 1         | 27.70           | 8.01 | 28.69         | 81.40 | 5.5      | 2.5            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10B(N2) | 20:05 | 1.0      | Surface | 1          | 2         | 27.68           | 8.01 | 28.71         | 81.10 | 5.5      | 2.5            | 3.1      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10B(N2) | 20:04 | 3.6      | Middle  | 2          | 1         | 27.58           | 8.00 | 29.17         | 80.10 | 5.5      | 2.7            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10B(N2) | 20:05 | 3.6      | Middle  | 2          | 2         | 27.57           | 8.00 | 29.15         | 80.10 | 5.5      | 2.8            | 2.9      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10B(N2) | 20:05 | 6.2      | Bottom  | 3          | 1         | 27.57           | 7.99 | 29.41         | 80.10 | 5.4      | 3.0            | 2.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | SR10B(N2) | 20:04 | 6.2      | Bottom  | 3          | 2         | 27.56           | 7.99 | 29.43         | 80.00 | 5.4      | 3.0            | 2.4      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS2(A)    | 18:06 | 1.0      | Surface | 1          | 1         | 27.77           | 8.02 | 27.14         | 84.30 | 5.8      | 2.7            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS2(A)    | 18:05 | 1.0      | Surface | 1          | 2         | 27.73           | 8.02 | 27.19         | 84.60 | 5.8      | 2.8            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS2(A)    | 18:06 | 3.4      | Middle  | 2          | 1         | 27.64           | 7.99 | 28.14         | 82.30 | 5.6      | 3.0            | 3.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS2(A)    | 18:05 | 3.4      | Middle  | 2          | 2         | 27.61           | 7.99 | 28.17         | 82.80 | 5.7      | 3.1            | 3.2      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS2(A)    | 18:06 | 5.7      | Bottom  | 3          | 1         | 27.59           | 7.98 | 28.69         | 82.40 | 5.6      | 3.3            | 2.8      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS2(A)    | 18:05 | 5.7      | Bottom  | 3          | 2         | 27.53           | 7.98 | 28.75         | 82.40 | 5.7      | 3.4            | 2.5      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS(Mf)5   | 19:59 | 1.0      | Surface | 1          | 1         | 27.84           | 8.05 | 28.48         | 78.30 | 5.6      | 2.5            | 2.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS(Mf)5   | 20:00 | 1.0      | Surface | 1          | 2         | 27.82           | 8.04 | 28.59         | 77.80 | 5.5      | 2.4            | 3.0      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS(Mf)5   | 19:58 | 6.2      | Middle  | 2          | 1         | 27.43           | 8.00 | 30.30         | 74.90 | 5.3      | 2.8            | 3.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS(Mf)5   | 19:59 | 6.2      | Middle  | 2          | 2         | 27.43           | 7.98 | 30.32         | 74.60 | 5.3      | 2.7            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS(Mf)5   | 19:59 | 11.4     | Bottom  | 3          | 1         | 27.38           | 7.98 | 30.70         | 74.80 | 5.3      | 3.0            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-28        | Mid-Flood | Fine              | CS(Mf)5   | 19:58 | 11.4     | Bottom  | 3          | 2         | 27.34           | 7.99 | 30.84         | 75.10 | 5.3      | 2.9            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS5       | 12:38 | 1.0      | Surface | 1          | 1         | 28.24           | 8.13 | 28.22         | 86.00 | 6.1      | 3.6            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS5       | 12:38 | 1.0      | Surface | 1          | 2         | 28.22           | 8.14 | 28.27         | 85.40 | 6.1      | 3.7            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS5       | 12:38 | 4.3      | Middle  | 2          | 1         | 28.08           | 8.12 | 29.17         | 82.80 | 5.9      | 4.3            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS5       | 12:38 | 4.3      | Middle  | 2          | 2         | 28.11           | 8.11 | 29.07         | 83.80 | 6.0      | 4.3            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS5       | 12:38 | 7.5      | Bottom  | 3          | 1         | 28.03           | 8.09 | 30.06         | 83.60 | 5.9      | 4.8            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS5       | 12:37 | 7.5      | Bottom  | 3          | 2         | 28.01           | 8.11 | 30.05         | 82.60 | 5.9      | 4.6            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:28 | 1.0      | Surface | 1          | 1         | 28.15           | 8.08 | 26.51         | 83.70 | 6.0      | 3.0            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:28 | 1.0      | Surface | 1          | 2         | 28.16           | 8.07 | 26.76         | 83.70 | 6.0      | 3.0            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:28 | 2.2      | Bottom  | 3          | 1         | 28.14           | 8.06 | 27.46         | 83.40 | 6.0      | 3.0            | 4.5      |



Water Quality Monitoring Data

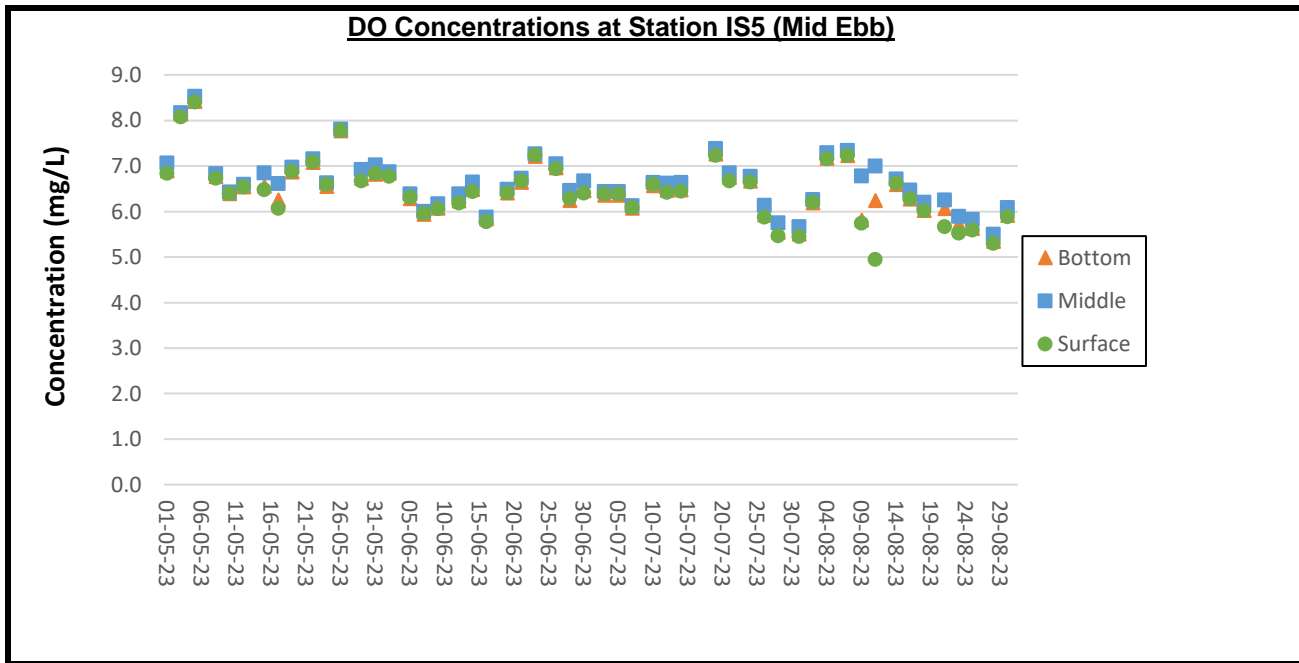
| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:28 | 2.2      | Bottom  | 3          | 2         | 28.14           | 8.07 | 27.45         | 83.80 | 6.0      | 3.1            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS7       | 12:18 | 1.0      | Surface | 1          | 1         | 28.15           | 8.08 | 26.89         | 83.30 | 6.0      | 2.9            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS7       | 12:18 | 1.0      | Surface | 1          | 2         | 28.15           | 8.07 | 26.97         | 83.30 | 6.0      | 3.0            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS7       | 12:18 | 2.5      | Bottom  | 3          | 1         | 28.14           | 8.07 | 27.41         | 83.00 | 5.9      | 3.3            | 6.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS7       | 12:18 | 2.5      | Bottom  | 3          | 2         | 28.14           | 8.07 | 27.42         | 83.10 | 5.9      | 3.4            | 7.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS8(N)    | 11:44 | 1.0      | Surface | 1          | 1         | 28.18           | 8.07 | 26.10         | 83.10 | 6.0      | 3.0            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS8(N)    | 11:45 | 1.0      | Surface | 1          | 2         | 28.18           | 8.06 | 26.06         | 81.50 | 5.9      | 2.8            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS8(N)    | 11:45 | 3.0      | Bottom  | 3          | 1         | 28.14           | 8.06 | 26.59         | 81.80 | 5.9      | 3.2            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS8(N)    | 11:44 | 3.0      | Bottom  | 3          | 2         | 28.12           | 8.08 | 26.62         | 83.50 | 6.0      | 3.2            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:09 | 1.0      | Surface | 1          | 1         | 28.18           | 8.10 | 26.23         | 84.20 | 6.1      | 2.8            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:09 | 1.0      | Surface | 1          | 2         | 28.16           | 8.13 | 26.14         | 84.80 | 6.1      | 2.8            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:09 | 2.6      | Bottom  | 3          | 1         | 28.14           | 8.10 | 27.35         | 84.50 | 6.0      | 3.2            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:09 | 2.6      | Bottom  | 3          | 2         | 28.12           | 8.12 | 27.50         | 84.90 | 6.1      | 3.3            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS10(N)   | 12:01 | 1.0      | Surface | 1          | 1         | 28.13           | 7.99 | 28.16         | 79.10 | 5.6      | 3.6            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS10(N)   | 12:01 | 1.0      | Surface | 1          | 2         | 28.14           | 8.00 | 28.16         | 79.90 | 5.7      | 3.8            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS10(N)   | 12:00 | 5.3      | Middle  | 2          | 1         | 27.83           | 7.98 | 30.44         | 75.50 | 5.3      | 3.1            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS10(N)   | 12:01 | 5.3      | Middle  | 2          | 2         | 27.82           | 7.98 | 30.51         | 77.70 | 5.5      | 3.3            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS10(N)   | 12:01 | 9.6      | Bottom  | 3          | 1         | 27.83           | 7.97 | 30.51         | 77.30 | 5.5      | 3.8            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | IS10(N)   | 12:00 | 9.6      | Bottom  | 3          | 2         | 27.83           | 7.97 | 30.58         | 74.70 | 5.3      | 3.6            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR3(N)    | 12:48 | 1.0      | Surface | 1          | 1         | 28.29           | 8.14 | 27.69         | 89.30 | 6.4      | 2.9            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR3(N)    | 12:48 | 1.0      | Surface | 1          | 2         | 28.28           | 8.14 | 27.69         | 89.70 | 6.4      | 3.0            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR3(N)    | 12:48 | 2.3      | Bottom  | 3          | 1         | 28.28           | 8.14 | 27.95         | 89.40 | 6.4      | 3.0            | 6.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR3(N)    | 12:48 | 2.3      | Bottom  | 3          | 2         | 28.22           | 8.13 | 27.98         | 90.40 | 6.4      | 3.1            | 6.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR4(N3)   | 11:55 | 1.0      | Surface | 1          | 1         | 28.16           | 8.03 | 26.24         | 80.30 | 5.8      | 3.0            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR4(N3)   | 11:55 | 1.0      | Surface | 1          | 2         | 28.16           | 8.02 | 26.26         | 79.10 | 5.7      | 3.0            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR4(N3)   | 11:55 | 2.9      | Bottom  | 3          | 1         | 28.14           | 8.02 | 26.54         | 78.90 | 5.7      | 3.2            | 3.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR4(N3)   | 11:55 | 2.9      | Bottom  | 3          | 2         | 28.13           | 8.02 | 26.59         | 80.20 | 5.8      | 3.2            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR5(N)    | 12:10 | 1.0      | Surface | 1          | 1         | 28.14           | 8.00 | 28.21         | 79.60 | 5.7      | 2.5            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR5(N)    | 12:11 | 1.0      | Surface | 1          | 2         | 28.08           | 8.00 | 28.22         | 79.30 | 5.6      | 2.7            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR5(N)    | 12:10 | 4.5      | Middle  | 2          | 1         | 27.85           | 7.98 | 30.23         | 78.70 | 5.6      | 3.4            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR5(N)    | 12:11 | 4.5      | Middle  | 2          | 2         | 27.85           | 7.98 | 30.25         | 78.50 | 5.6      | 3.4            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR5(N)    | 12:10 | 8.0      | Bottom  | 3          | 1         | 27.83           | 7.97 | 30.51         | 78.90 | 5.6      | 3.8            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR5(N)    | 12:10 | 8.0      | Bottom  | 3          | 2         | 27.82           | 7.98 | 30.52         | 78.40 | 5.5      | 4.0            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10A(N)  | 11:09 | 1.0      | Surface | 1          | 1         | 28.12           | 7.99 | 28.79         | 79.30 | 5.6      | 2.1            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10A(N)  | 11:08 | 1.0      | Surface | 1          | 2         | 28.10           | 8.00 | 28.35         | 79.30 | 5.6      | 2.2            | 6.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10A(N)  | 11:08 | 6.5      | Middle  | 2          | 1         | 27.79           | 7.97 | 30.71         | 77.60 | 5.5      | 2.3            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10A(N)  | 11:09 | 6.5      | Middle  | 2          | 2         | 27.79           | 7.97 | 30.73         | 77.70 | 5.5      | 2.2            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10A(N)  | 11:08 | 12.0     | Bottom  | 3          | 1         | 27.84           | 7.97 | 30.70         | 78.10 | 5.5      | 2.8            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10A(N)  | 11:09 | 12.0     | Bottom  | 3          | 2         | 27.83           | 7.97 | 30.72         | 78.30 | 5.5      | 2.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10B(N2) | 10:59 | 1.0      | Surface | 1          | 1         | 28.05           | 8.00 | 28.36         | 81.50 | 5.8      | 2.2            | 6.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10B(N2) | 10:59 | 1.0      | Surface | 1          | 2         | 28.07           | 7.98 | 28.48         | 81.50 | 5.8      | 2.3            | 5.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10B(N2) | 10:58 | 3.5      | Middle  | 2          | 1         | 27.86           | 7.96 | 30.28         | 80.10 | 5.7      | 2.5            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10B(N2) | 10:59 | 3.5      | Middle  | 2          | 2         | 27.87           | 7.98 | 30.25         | 79.30 | 5.6      | 2.5            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10B(N2) | 10:58 | 6.0      | Bottom  | 3          | 1         | 27.82           | 7.96 | 30.62         | 79.60 | 5.6      | 2.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | SR10B(N2) | 10:59 | 6.0      | Bottom  | 3          | 2         | 27.82           | 7.97 | 30.63         | 79.30 | 5.6      | 2.9            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS2(A)    | 13:03 | 1.0      | Surface | 1          | 1         | 28.14           | 8.00 | 28.14         | 80.20 | 5.7      | 2.5            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS2(A)    | 13:02 | 1.0      | Surface | 1          | 2         | 28.12           | 8.00 | 28.22         | 80.00 | 5.7      | 2.3            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS2(A)    | 13:02 | 3.3      | Middle  | 2          | 1         | 27.85           | 7.98 | 30.04         | 79.10 | 5.6      | 3.6            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS2(A)    | 13:02 | 3.3      | Middle  | 2          | 2         | 27.85           | 7.98 | 30.07         | 78.80 | 5.6      | 3.8            | 5.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS2(A)    | 13:02 | 5.5      | Bottom  | 3          | 1         | 27.89           | 7.97 | 30.50         | 79.30 | 5.6      | 3.7            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS2(A)    | 13:02 | 5.5      | Bottom  | 3          | 2         | 27.82           | 7.98 | 30.50         | 79.10 | 5.6      | 3.7            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS(Mf)5   | 11:04 | 1.0      | Surface | 1          | 1         | 28.12           | 8.08 | 25.80         | 76.90 | 5.5      | 2.3            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS(Mf)5   | 11:04 | 1.0      | Surface | 1          | 2         | 28.14           | 8.08 | 25.75         | 74.60 | 5.4      | 2.2            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS(Mf)5   | 11:03 | 6.1      | Middle  | 2          | 1         | 27.88           | 8.06 | 29.75         | 72.70 | 5.2      | 2.4            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS(Mf)5   | 11:04 | 6.1      | Middle  | 2          | 2         | 27.90           | 8.07 | 29.68         | 74.30 | 5.3      | 2.3            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS(Mf)5   | 11:03 | 11.1     | Bottom  | 3          | 1         | 27.81           | 8.06 | 31.09         | 72.00 | 5.1      | 2.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Ebb   | Fine              | CS(Mf)5   | 11:04 | 11.1     | Bottom  | 3          | 2         | 27.85           | 8.06 | 30.34         | 72.50 | 5.1      | 2.8            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS5       | 18:55 | 1.0      | Surface | 1          | 1         | 28.27           | 8.13 | 26.24         | 87.40 | 6.3      | 3.2            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS5       | 18:56 | 1.0      | Surface | 1          | 2         | 28.29           | 8.13 | 26.15         | 88.20 | 6.3      | 3.1            | 3.8      |

## Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, %  | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|--------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS5       | 18:56 | 4.3      | Middle  | 2          | 1         | 28.06           | 8.11 | 27.64         | 86.60  | 6.2      | 3.6            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS5       | 18:55 | 4.3      | Middle  | 2          | 2         | 28.04           | 8.11 | 28.46         | 86.30  | 6.1      | 3.7            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS5       | 18:55 | 7.6      | Bottom  | 3          | 1         | 28.00           | 8.10 | 29.21         | 87.00  | 6.2      | 3.9            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS5       | 18:55 | 7.6      | Bottom  | 3          | 2         | 27.93           | 8.10 | 29.32         | 86.70  | 6.2      | 3.8            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)6   | 19:04 | 1.0      | Surface | 1          | 1         | 28.22           | 8.13 | 27.40         | 95.90  | 6.8      | 2.7            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)6   | 19:04 | 1.0      | Surface | 1          | 2         | 28.20           | 8.12 | 27.55         | 97.50  | 6.9      | 2.6            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)6   | 19:03 | 2.2      | Bottom  | 3          | 1         | 28.17           | 8.12 | 27.68         | 95.20  | 6.8      | 2.6            | 4.6      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)6   | 19:04 | 2.2      | Bottom  | 3          | 2         | 28.18           | 8.12 | 27.68         | 97.40  | 6.9      | 2.6            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS7       | 19:11 | 1.0      | Surface | 1          | 1         | 28.31           | 8.12 | 27.37         | 100.10 | 7.1      | 2.7            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS7       | 19:11 | 1.0      | Surface | 1          | 2         | 28.21           | 8.13 | 27.56         | 97.20  | 6.9      | 2.7            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS7       | 19:11 | 2.3      | Bottom  | 3          | 1         | 28.22           | 8.11 | 27.55         | 95.80  | 6.8      | 2.6            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS7       | 19:11 | 2.3      | Bottom  | 3          | 2         | 28.20           | 8.13 | 27.66         | 95.50  | 6.8      | 2.6            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS8(N)    | 19:40 | 1.0      | Surface | 1          | 1         | 28.26           | 8.12 | 27.19         | 92.30  | 6.6      | 3.6            | 6.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS8(N)    | 19:40 | 1.0      | Surface | 1          | 2         | 28.24           | 8.12 | 27.14         | 88.70  | 6.3      | 3.5            | 6.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS8(N)    | 19:39 | 2.9      | Bottom  | 3          | 1         | 27.99           | 8.12 | 27.88         | 85.40  | 6.1      | 3.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS8(N)    | 19:40 | 2.9      | Bottom  | 3          | 2         | 28.20           | 8.12 | 27.79         | 90.20  | 6.4      | 3.7            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)9   | 19:21 | 1.0      | Surface | 1          | 1         | 28.32           | 8.12 | 27.42         | 96.10  | 6.8      | 2.5            | 4.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)9   | 19:21 | 1.0      | Surface | 1          | 2         | 28.32           | 8.13 | 27.41         | 93.80  | 6.6      | 2.5            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)9   | 19:21 | 2.6      | Bottom  | 3          | 1         | 28.18           | 8.12 | 27.67         | 92.40  | 6.5      | 2.9            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS(Mf)9   | 19:21 | 2.6      | Bottom  | 3          | 2         | 28.30           | 8.12 | 27.55         | 91.70  | 6.5      | 2.9            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS10(N)   | 19:47 | 1.0      | Surface | 1          | 1         | 27.98           | 7.96 | 26.68         | 76.70  | 5.5      | 3.4            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS10(N)   | 19:47 | 1.0      | Surface | 1          | 2         | 27.98           | 7.96 | 26.62         | 76.80  | 5.5      | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS10(N)   | 19:47 | 5.2      | Middle  | 2          | 1         | 27.72           | 7.94 | 29.15         | 76.00  | 5.4      | 3.7            | 5.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS10(N)   | 19:46 | 5.2      | Middle  | 2          | 2         | 27.72           | 7.95 | 29.18         | 75.80  | 5.4      | 3.6            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS10(N)   | 19:46 | 9.4      | Bottom  | 3          | 1         | 27.71           | 7.93 | 29.39         | 76.10  | 5.4      | 4.2            | 4.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | IS10(N)   | 19:47 | 9.4      | Bottom  | 3          | 2         | 27.78           | 7.93 | 29.32         | 76.40  | 5.4      | 4.5            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR3(N)    | 18:47 | 1.0      | Surface | 1          | 1         | 28.31           | 8.14 | 25.75         | 88.50  | 6.3      | 2.7            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR3(N)    | 18:47 | 1.0      | Surface | 1          | 2         | 28.31           | 8.13 | 25.85         | 91.60  | 6.5      | 2.8            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR3(N)    | 18:46 | 2.4      | Bottom  | 3          | 1         | 28.30           | 8.14 | 26.24         | 85.90  | 6.1      | 3.0            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR3(N)    | 18:47 | 2.4      | Bottom  | 3          | 2         | 28.30           | 8.13 | 26.05         | 89.20  | 6.4      | 2.9            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR4(N3)   | 19:33 | 1.0      | Surface | 1          | 1         | 28.17           | 8.11 | 27.23         | 92.20  | 6.6      | 3.2            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR4(N3)   | 19:33 | 1.0      | Surface | 1          | 2         | 28.27           | 8.12 | 27.29         | 90.40  | 6.4      | 3.3            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR4(N3)   | 19:33 | 2.8      | Bottom  | 3          | 1         | 28.17           | 8.11 | 27.89         | 86.20  | 6.1      | 3.5            | 4.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR4(N3)   | 19:33 | 2.8      | Bottom  | 3          | 2         | 28.10           | 8.11 | 27.64         | 91.60  | 6.5      | 3.5            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR5(N)    | 19:38 | 1.0      | Surface | 1          | 1         | 27.95           | 7.96 | 26.68         | 77.50  | 5.5      | 3.5            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR5(N)    | 19:37 | 1.0      | Surface | 1          | 2         | 27.95           | 7.96 | 26.95         | 77.40  | 5.5      | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR5(N)    | 19:38 | 4.5      | Middle  | 2          | 1         | 27.73           | 7.94 | 28.98         | 76.20  | 5.4      | 3.7            | 4.4      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR5(N)    | 19:37 | 4.5      | Middle  | 2          | 2         | 27.72           | 7.95 | 29.00         | 76.30  | 5.4      | 3.5            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR5(N)    | 19:38 | 7.9      | Bottom  | 3          | 1         | 27.71           | 7.93 | 29.67         | 76.30  | 5.4      | 4.8            | 3.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR5(N)    | 19:37 | 7.9      | Bottom  | 3          | 2         | 27.69           | 7.94 | 29.64         | 76.50  | 5.4      | 4.4            | 4.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10A(N)  | 20:33 | 1.0      | Surface | 1          | 1         | 27.91           | 7.97 | 29.47         | 78.20  | 5.5      | 3.0            | 6.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10A(N)  | 20:32 | 1.0      | Surface | 1          | 2         | 27.95           | 7.97 | 29.37         | 78.50  | 5.5      | 3.0            | 6.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10A(N)  | 20:32 | 6.5      | Middle  | 2          | 1         | 27.71           | 7.96 | 30.53         | 77.70  | 5.5      | 3.3            | 5.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10A(N)  | 20:33 | 6.5      | Middle  | 2          | 2         | 27.67           | 7.95 | 30.82         | 76.80  | 5.4      | 3.1            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10A(N)  | 20:32 | 12       | Bottom  | 3          | 1         | 27.73           | 7.95 | 30.61         | 77.40  | 5.4      | 3.4            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10A(N)  | 20:32 | 12       | Bottom  | 3          | 2         | 27.71           | 7.96 | 30.62         | 78.00  | 5.5      | 3.5            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10B(N2) | 20:42 | 1.0      | Surface | 1          | 1         | 27.86           | 7.96 | 29.72         | 77.60  | 5.5      | 2.9            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10B(N2) | 20:41 | 1.0      | Surface | 1          | 2         | 27.92           | 7.96 | 29.61         | 77.90  | 5.5      | 3.0            | 4.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10B(N2) | 20:41 | 3.5      | Middle  | 2          | 1         | 27.76           | 7.95 | 30.26         | 77.00  | 5.4      | 3.2            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10B(N2) | 20:42 | 3.5      | Middle  | 2          | 2         | 27.76           | 7.95 | 30.27         | 77.00  | 5.4      | 3.1            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10B(N2) | 20:42 | 6.0      | Bottom  | 3          | 1         | 27.79           | 7.94 | 30.33         | 77.20  | 5.4      | 4.0            | 5.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | SR10B(N2) | 20:41 | 6.0      | Bottom  | 3          | 2         | 27.74           | 7.95 | 30.56         | 77.00  | 5.4      | 3.9            | 6.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS2(A)    | 18:51 | 1.0      | Surface | 1          | 1         | 27.86           | 7.98 | 27.48         | 81.50  | 5.8      | 3.3            | 5.1      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS2(A)    | 18:51 | 1.0      | Surface | 1          | 2         | 27.87           | 7.97 | 27.47         | 80.30  | 5.7      | 3.4            | 4.7      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS2(A)    | 18:50 | 3.2      | Middle  | 2          | 1         | 27.75           | 7.98 | 28.66         | 78.50  | 5.6      | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS2(A)    | 18:51 | 3.2      | Middle  | 2          | 2         | 27.76           | 7.96 | 28.67         | 78.20  | 5.6      | 3.5            | 5.3      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS2(A)    | 18:51 | 5.4      | Bottom  | 3          | 1         | 27.73           | 7.96 | 29.07         | 78.20  | 5.5      | 3.7            | 5.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS2(A)    | 18:50 | 5.4      | Bottom  | 3          | 2         | 27.73           | 8.00 | 29.04         | 78.70  | 5.6      | 3.5            | 6.0      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS(Mf)5   | 20:21 | 1.0      | Surface | 1          | 1         | 28.22           | 8.15 | 26.66         | 81.90  | 5.8      | 2.9            | 4.2      |

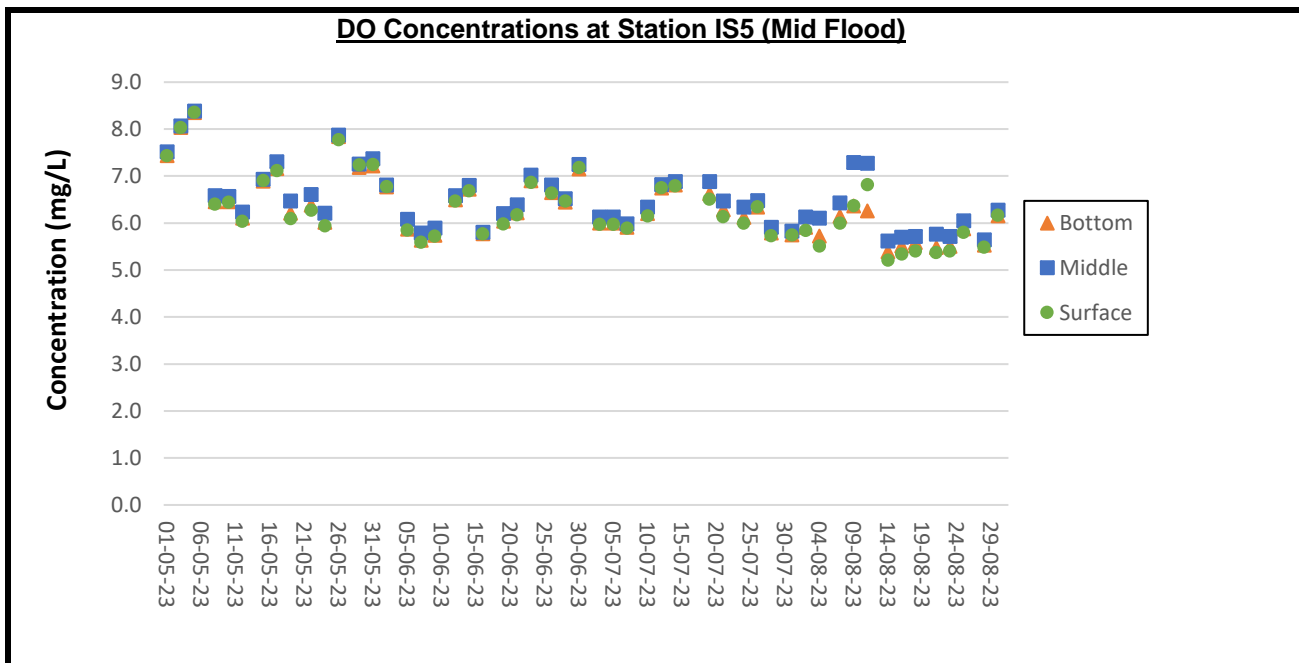
Water Quality Monitoring Data

| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|---------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS(Mf)5 | 20:22 | 1.0      | Surface | 1          | 2         | 28.10           | 8.13 | 27.08         | 81.10 | 5.8      | 2.8            | 3.9      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS(Mf)5 | 20:21 | 6.1      | Middle  | 2          | 1         | 27.63           | 8.09 | 30.55         | 77.10 | 5.5      | 2.8            | 4.5      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS(Mf)5 | 20:22 | 6.1      | Middle  | 2          | 2         | 27.62           | 8.06 | 30.55         | 77.30 | 5.5      | 2.9            | 4.8      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS(Mf)5 | 20:21 | 11.2     | Bottom  | 3          | 1         | 27.46           | 8.08 | 32.52         | 81.30 | 5.7      | 3.2            | 5.2      |
| HKLR    | HY/2011/03 | 2023-08-30        | Mid-Flood | Fine              | CS(Mf)5 | 20:21 | 11.2     | Bottom  | 3          | 2         | 27.59           | 8.06 | 32.53         | 80.40 | 5.6      | 3.3            | 5.6      |



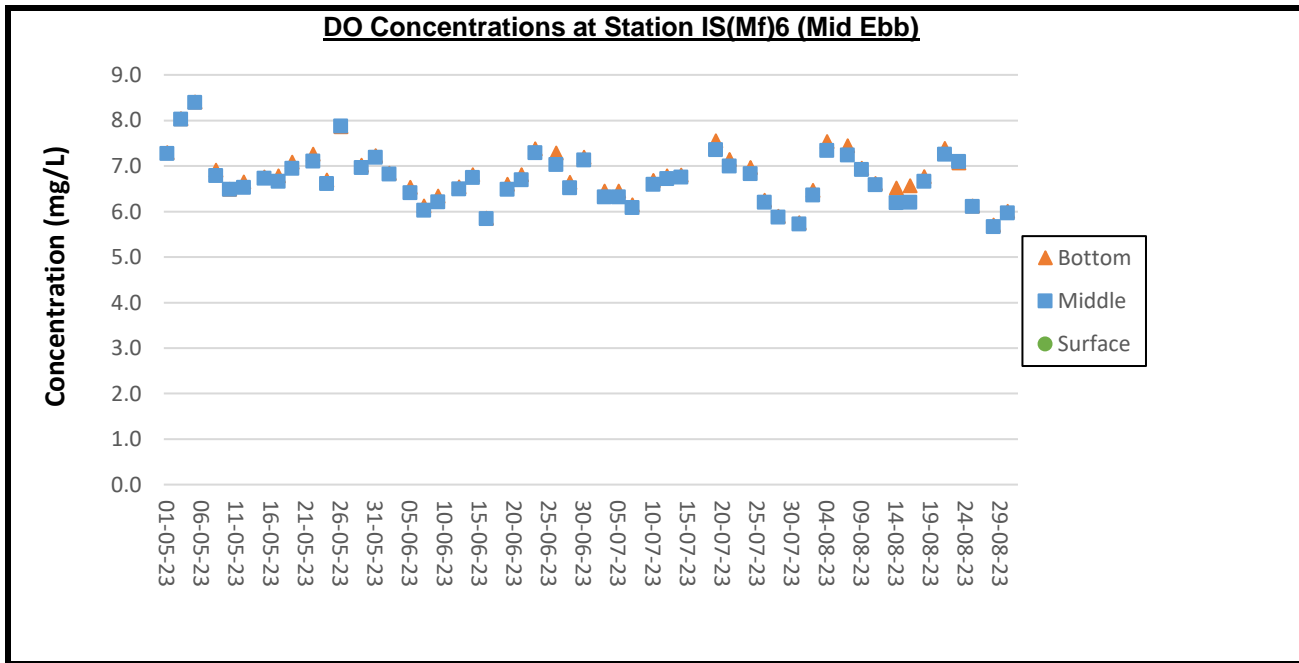
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



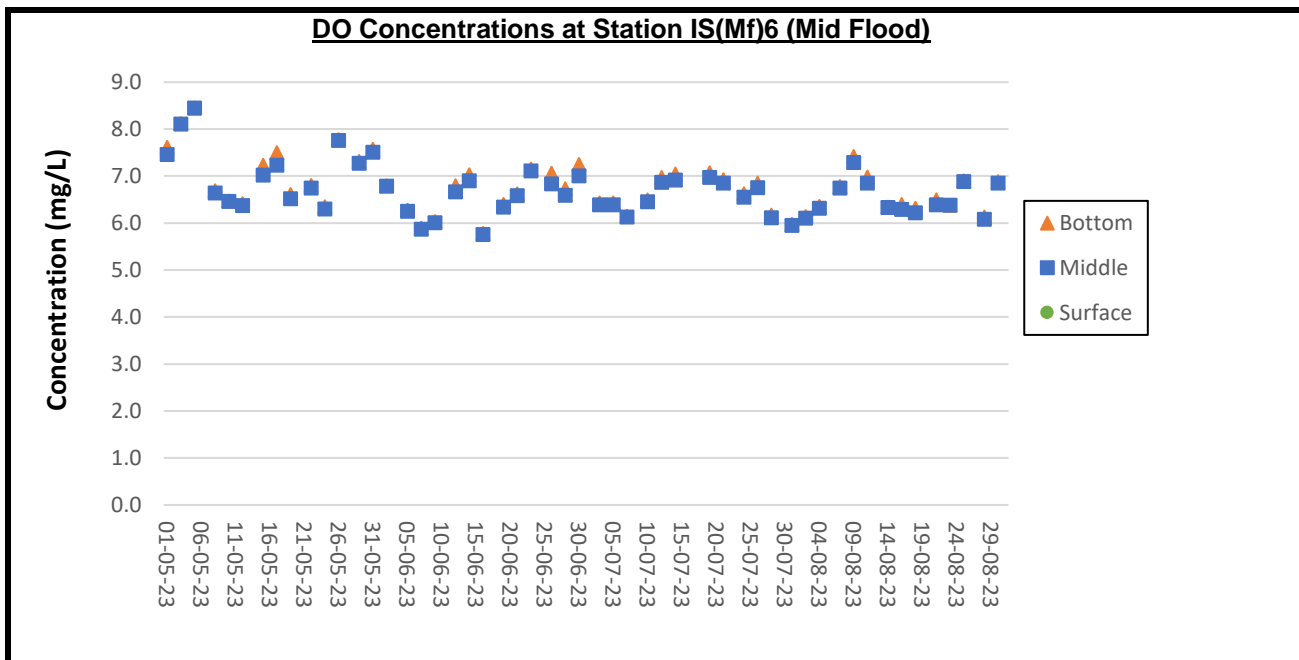
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



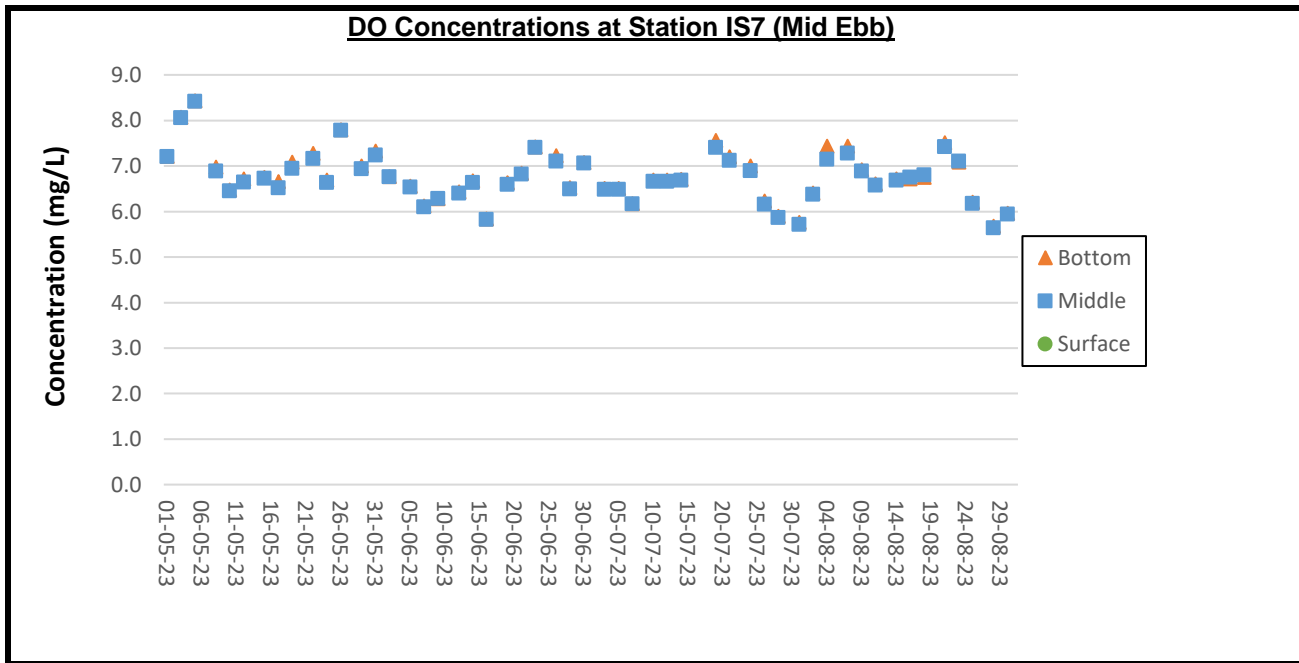
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



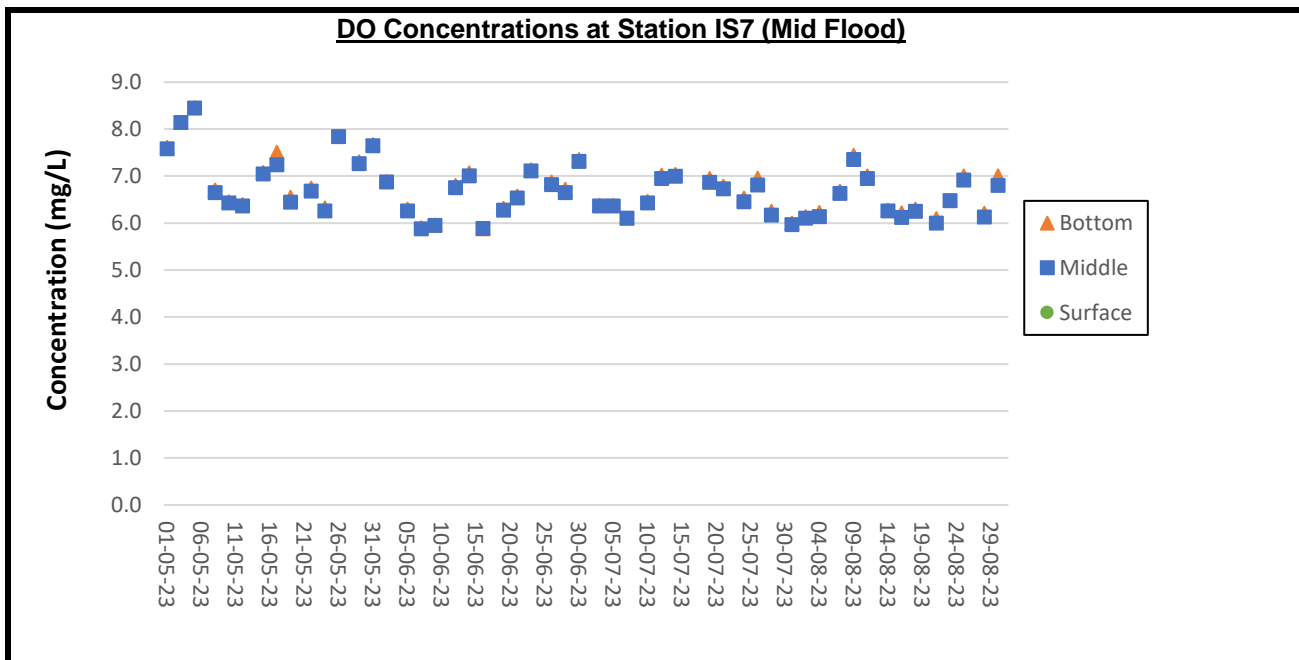
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



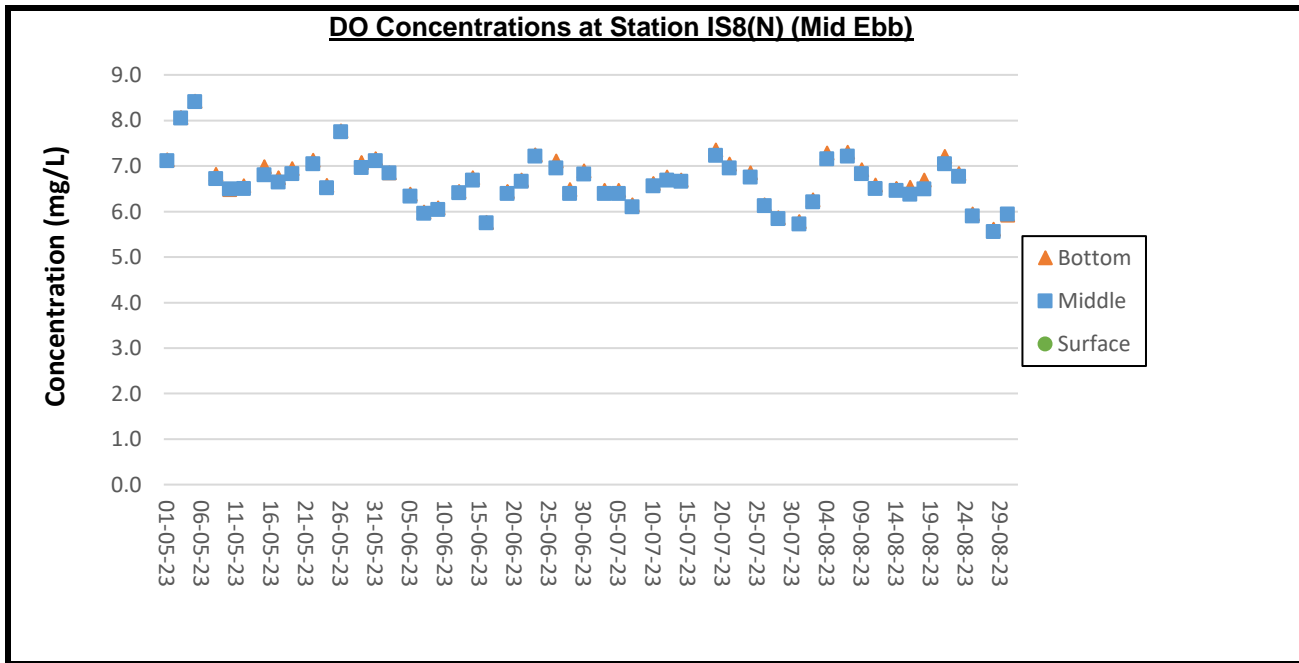
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



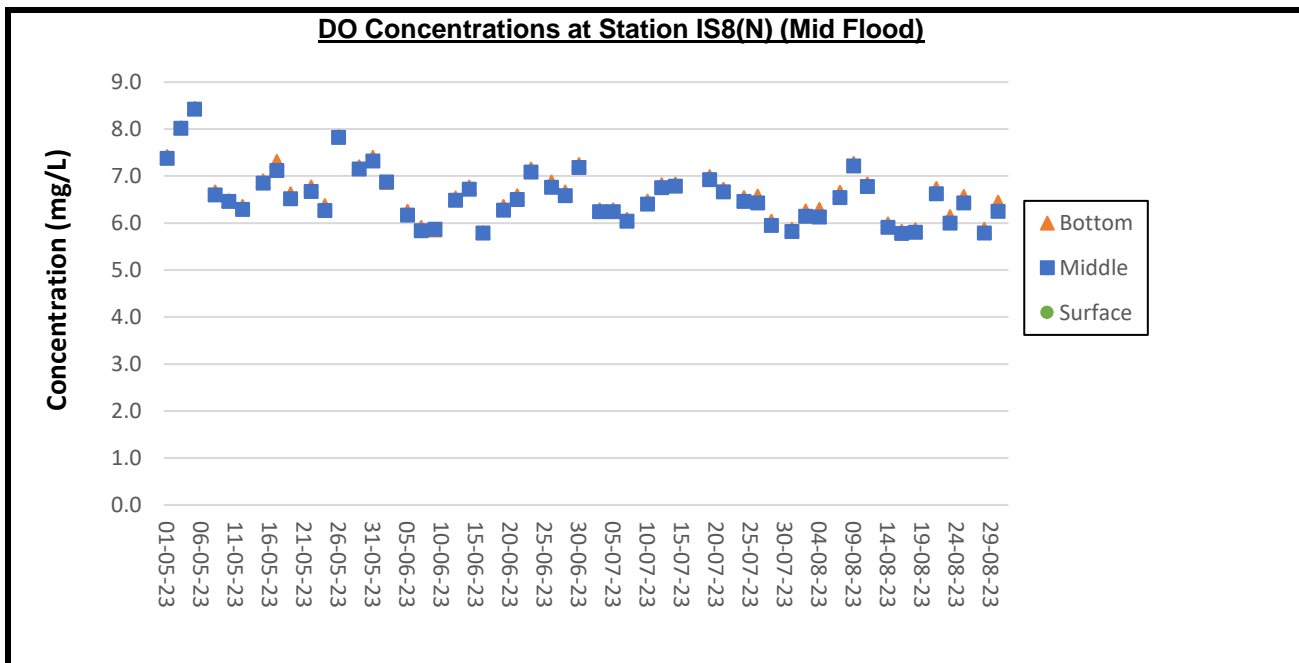
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



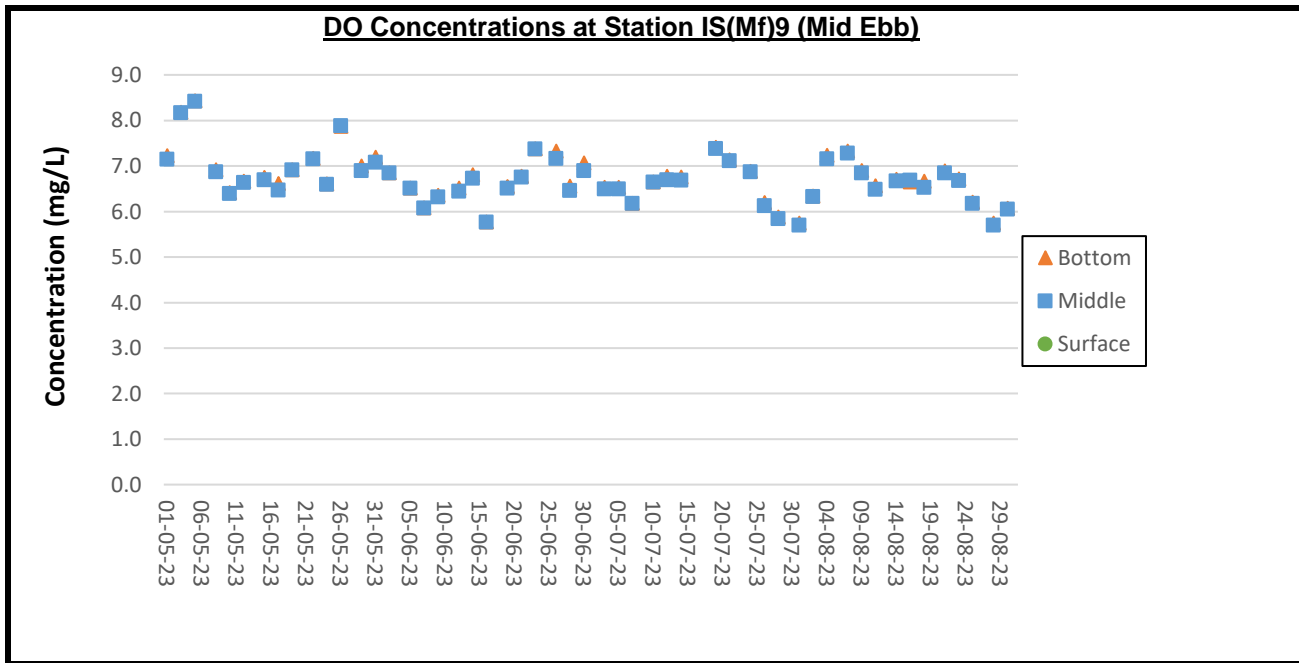
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



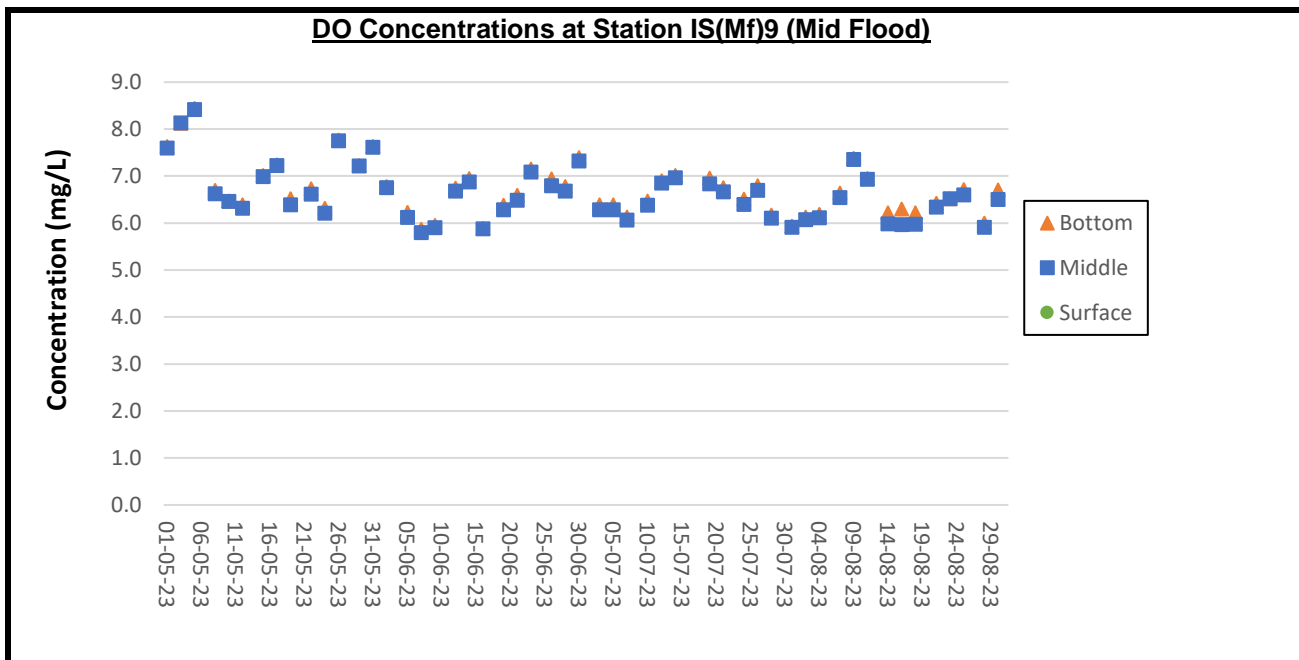
Remarks:

- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



**Remarks:**

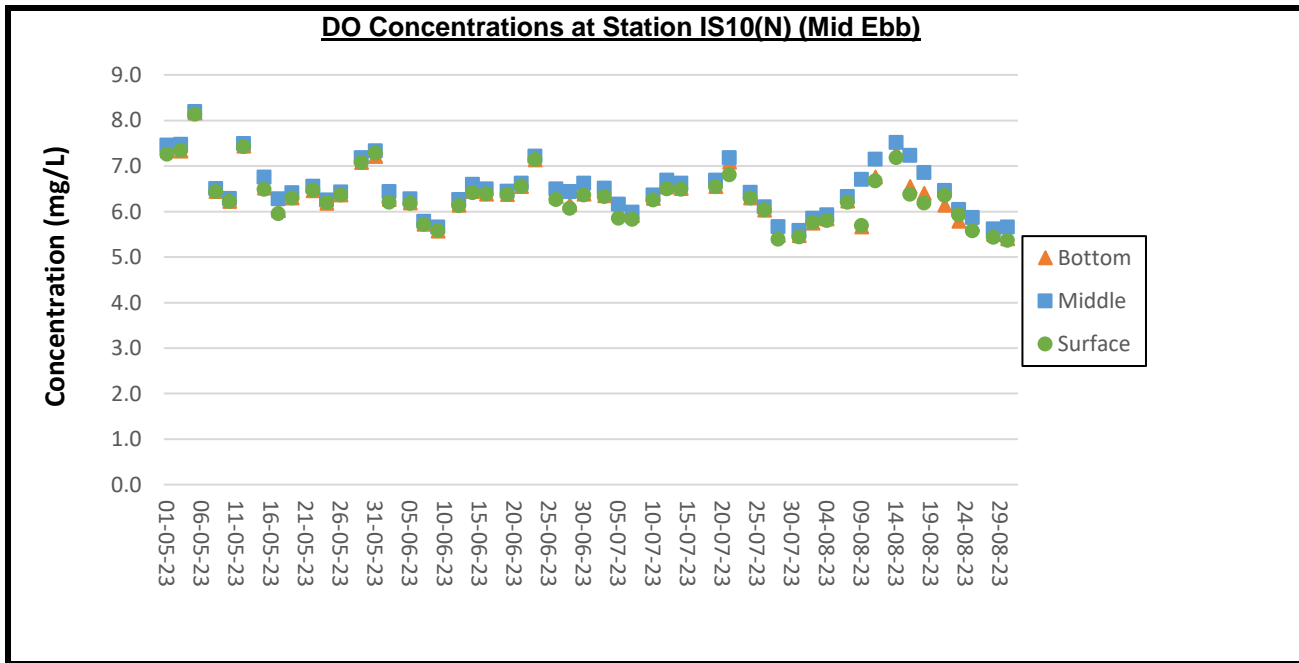
- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



**Remarks:**

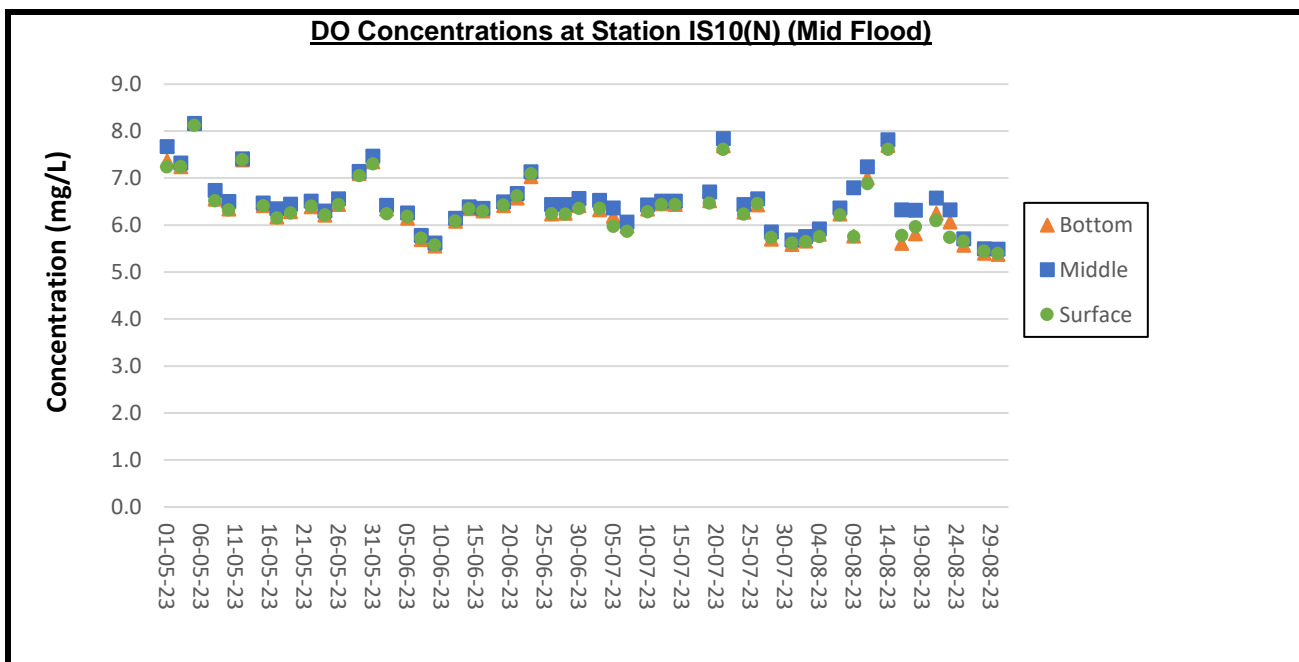
- No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.





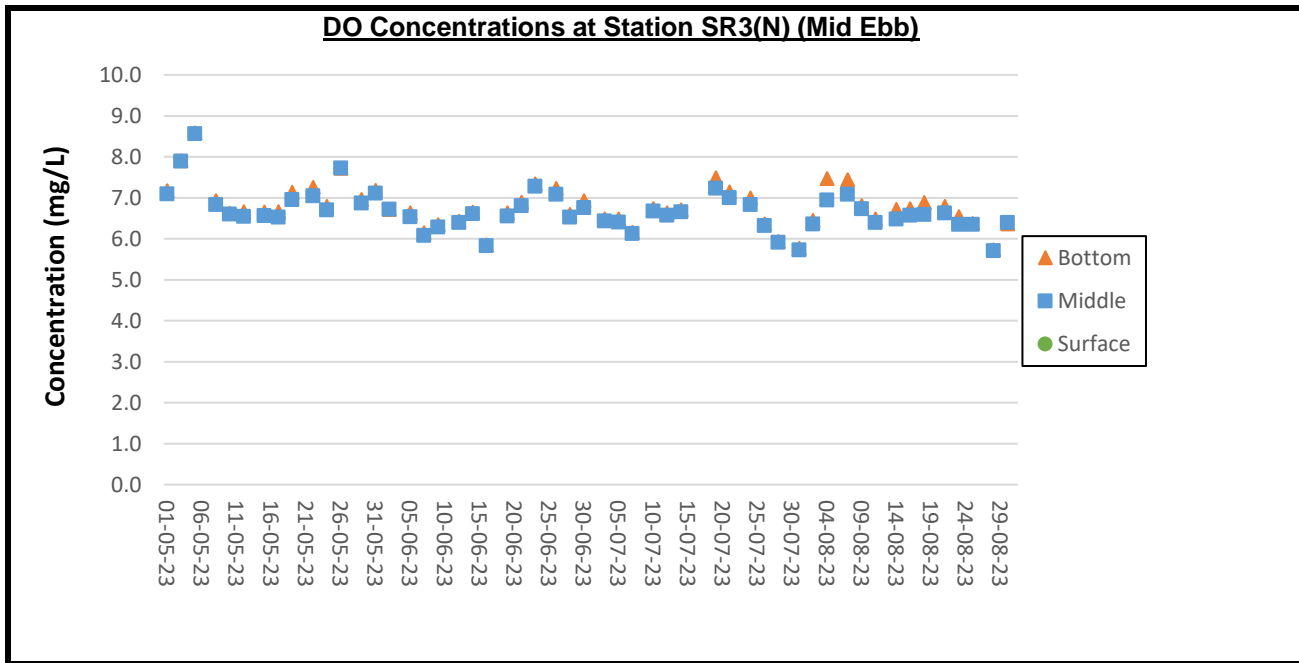
**Remarks:**

1. No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



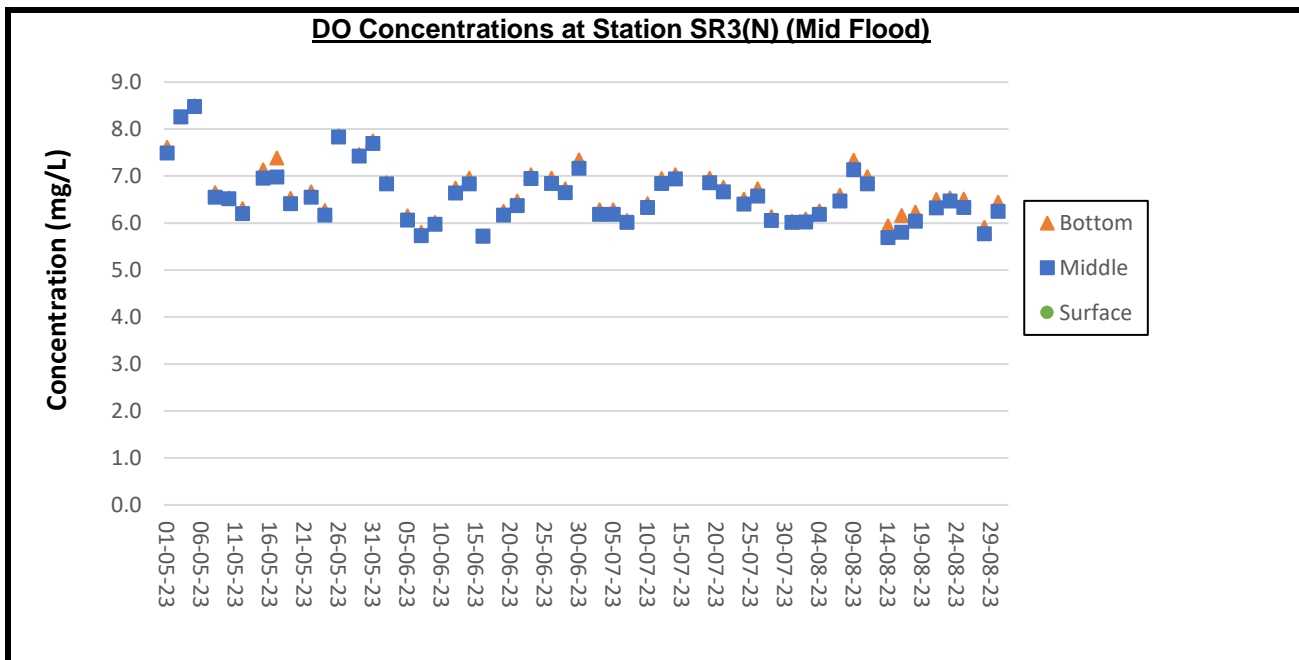
**Remarks:**

1. No. 8 Storm Signal was in force on 17 July 2023, the water quality monitoring were cancelled due to safety reasons and no substitute monitoring will be conducted.



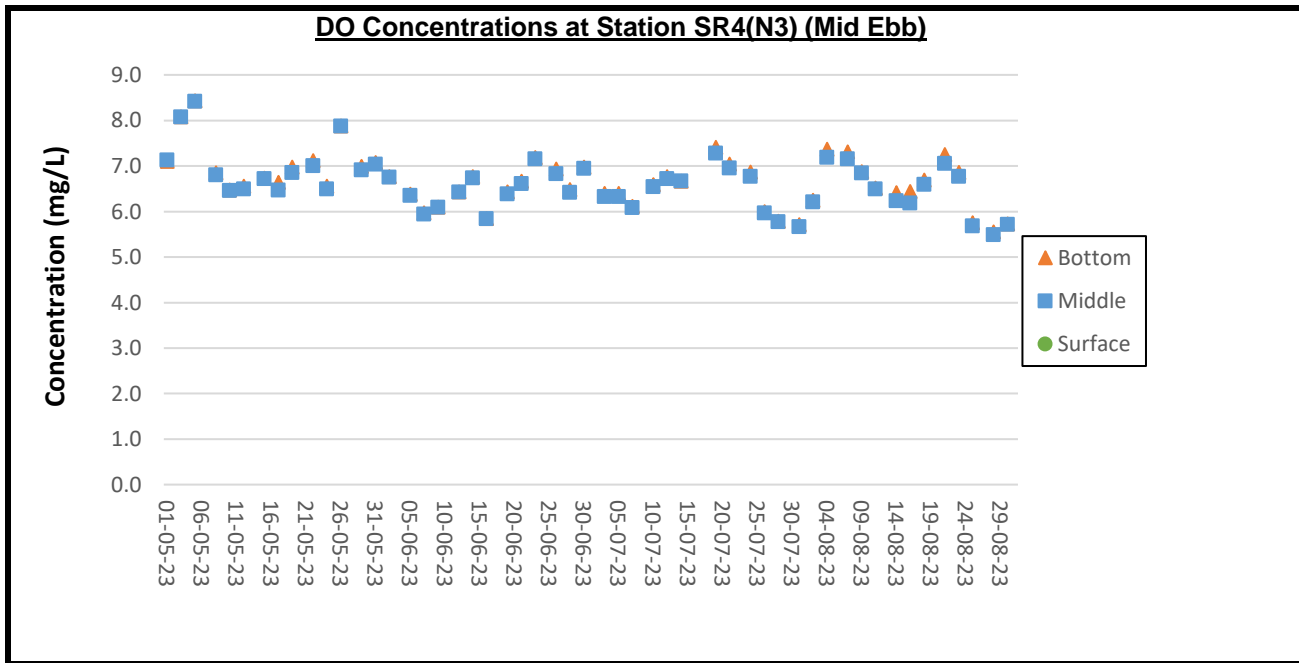
Remarks:

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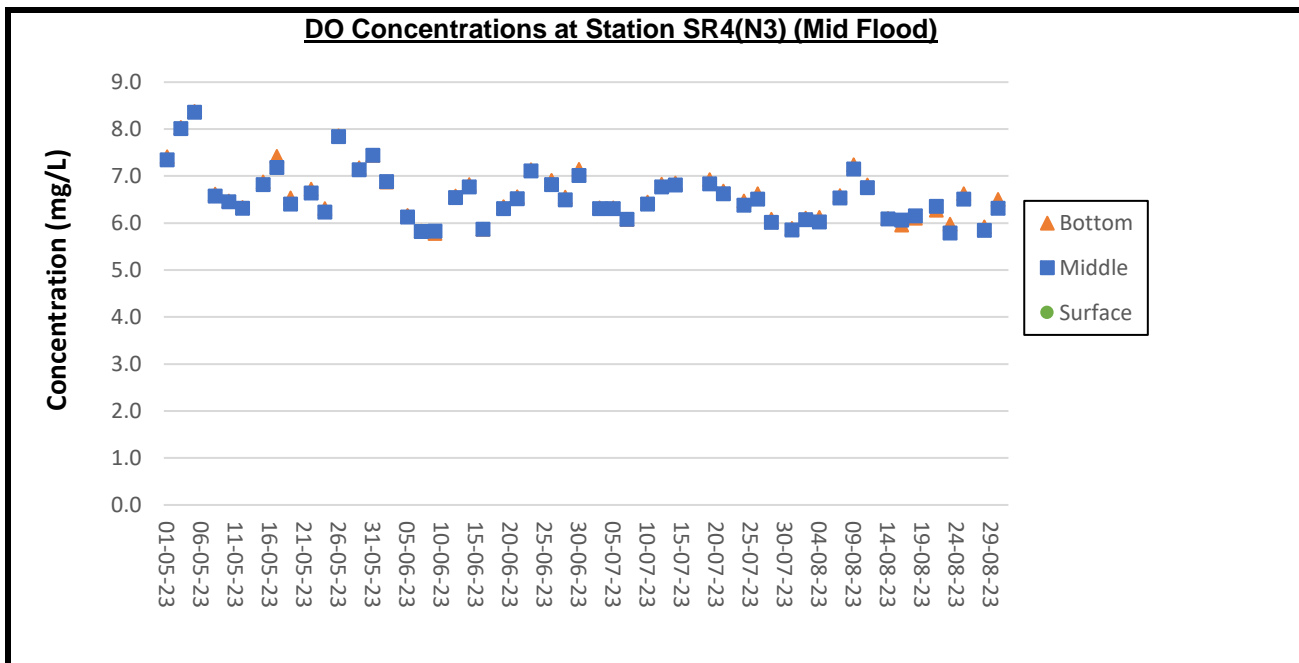
Remarks:

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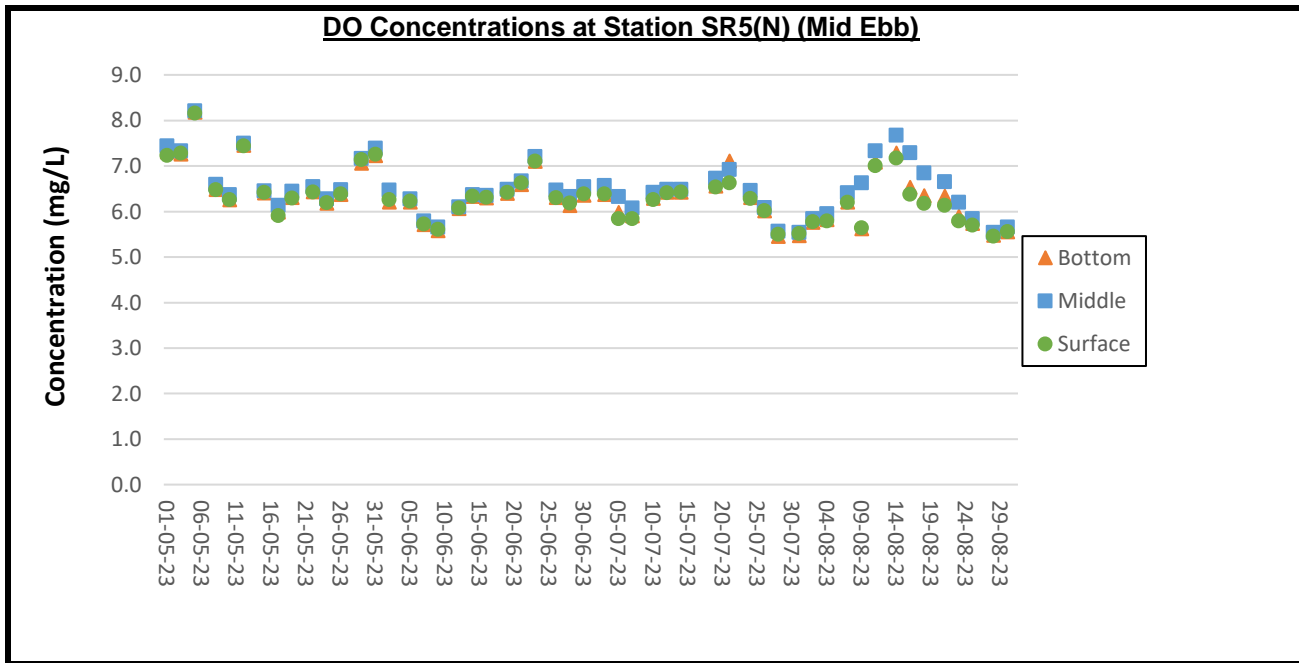
**Remarks:**

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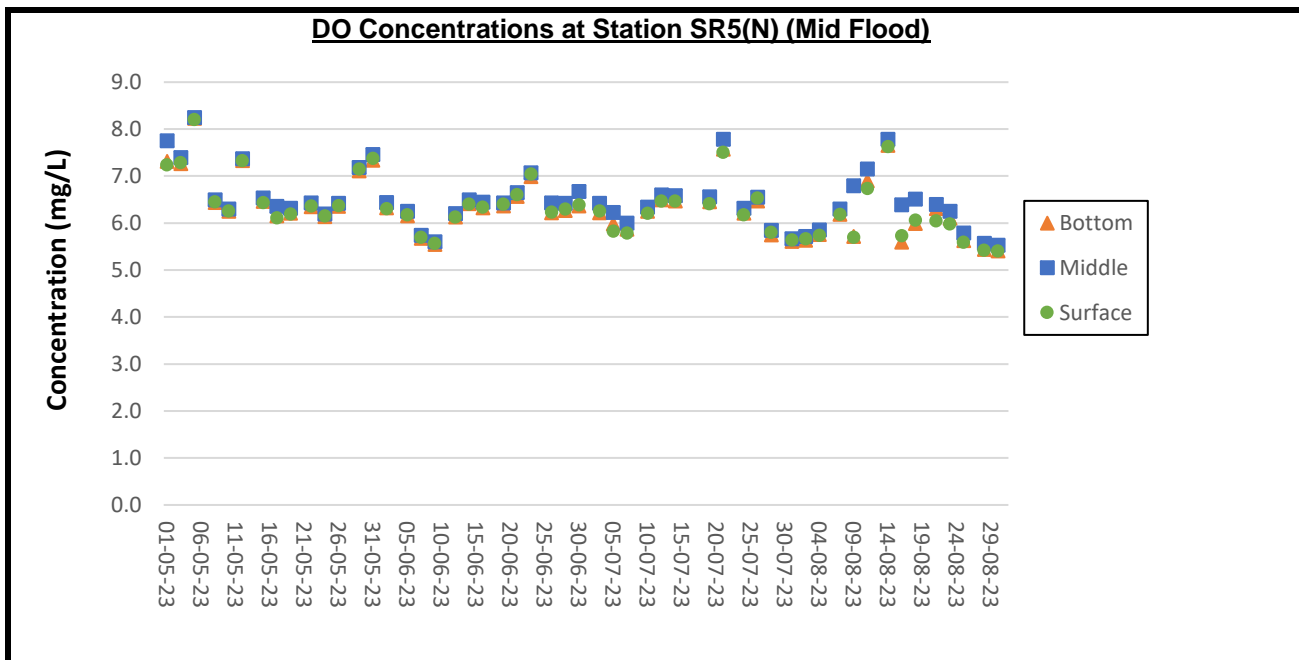
**Remarks:**

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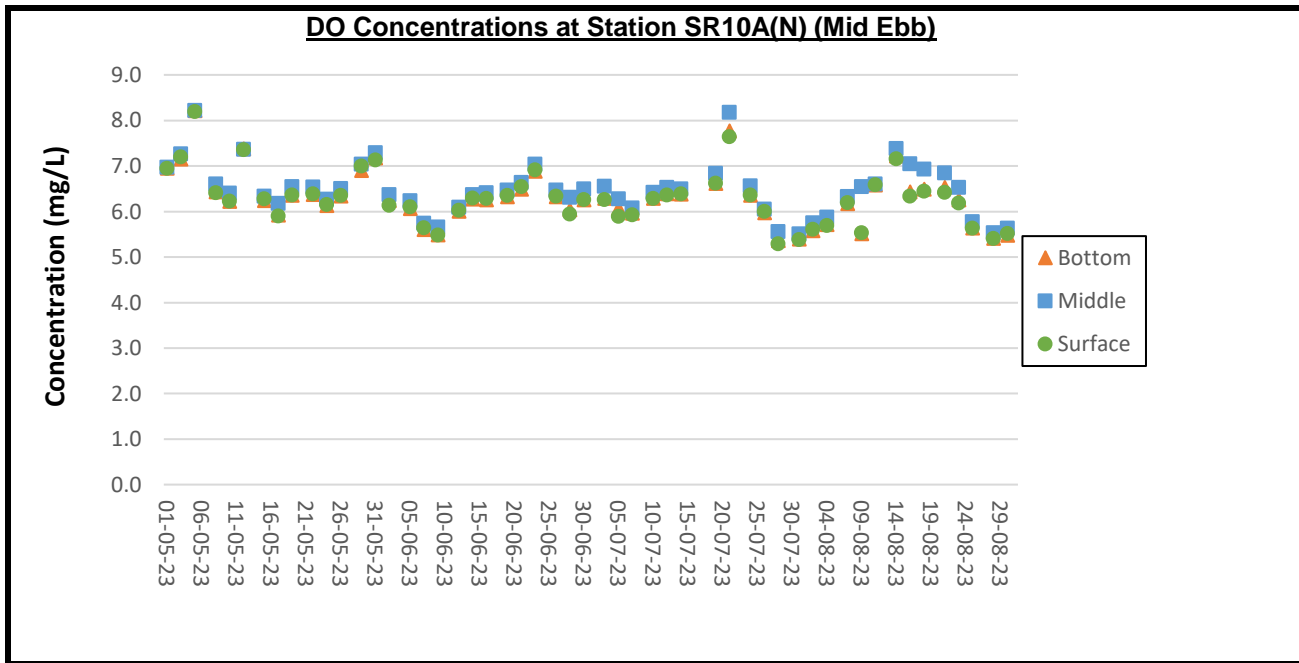
Remarks:

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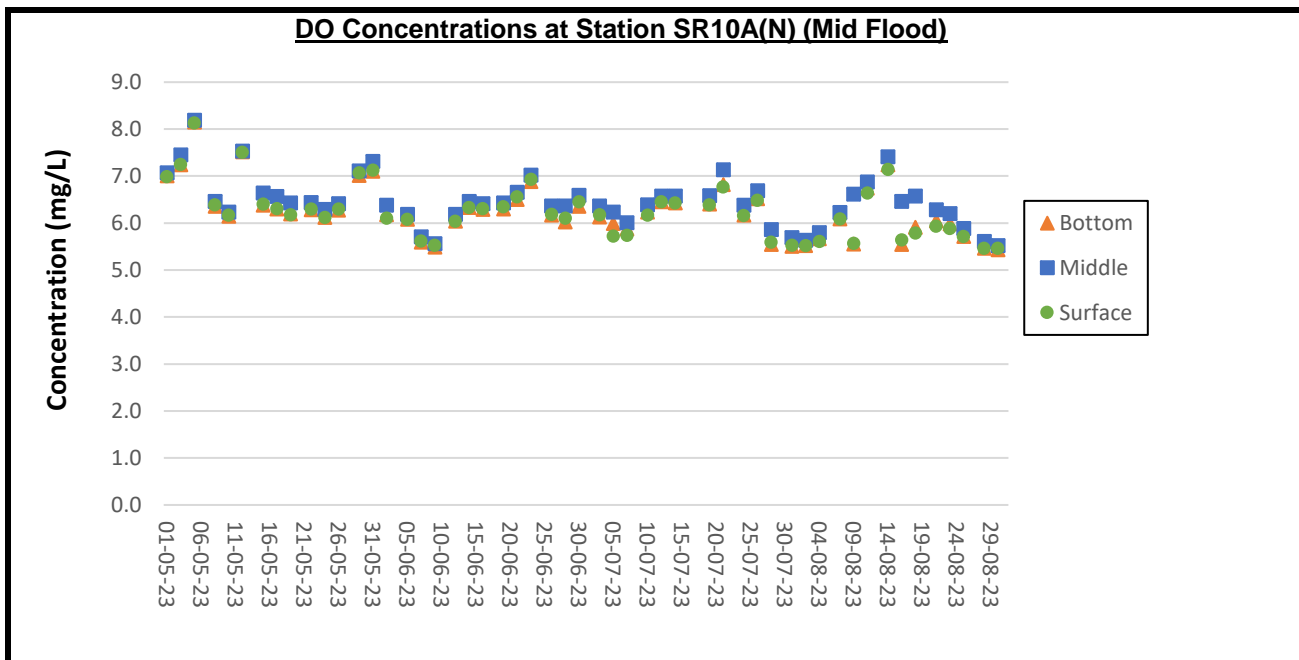
Remarks:

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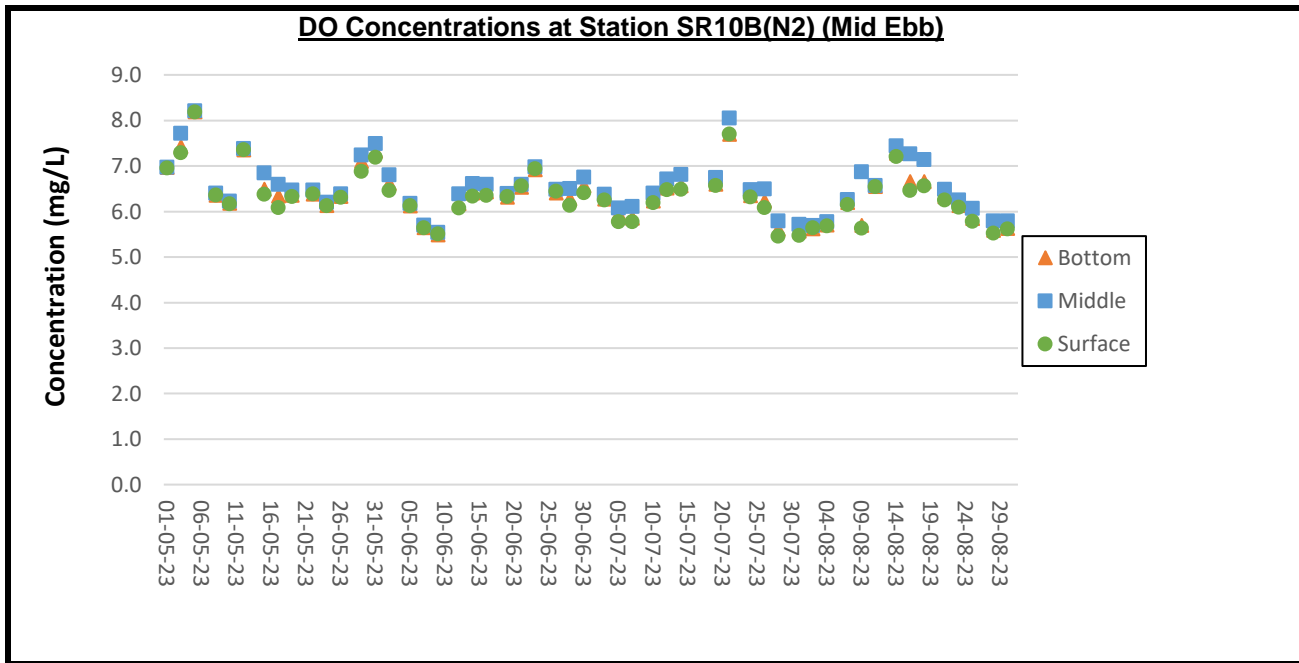
**Remarks:**

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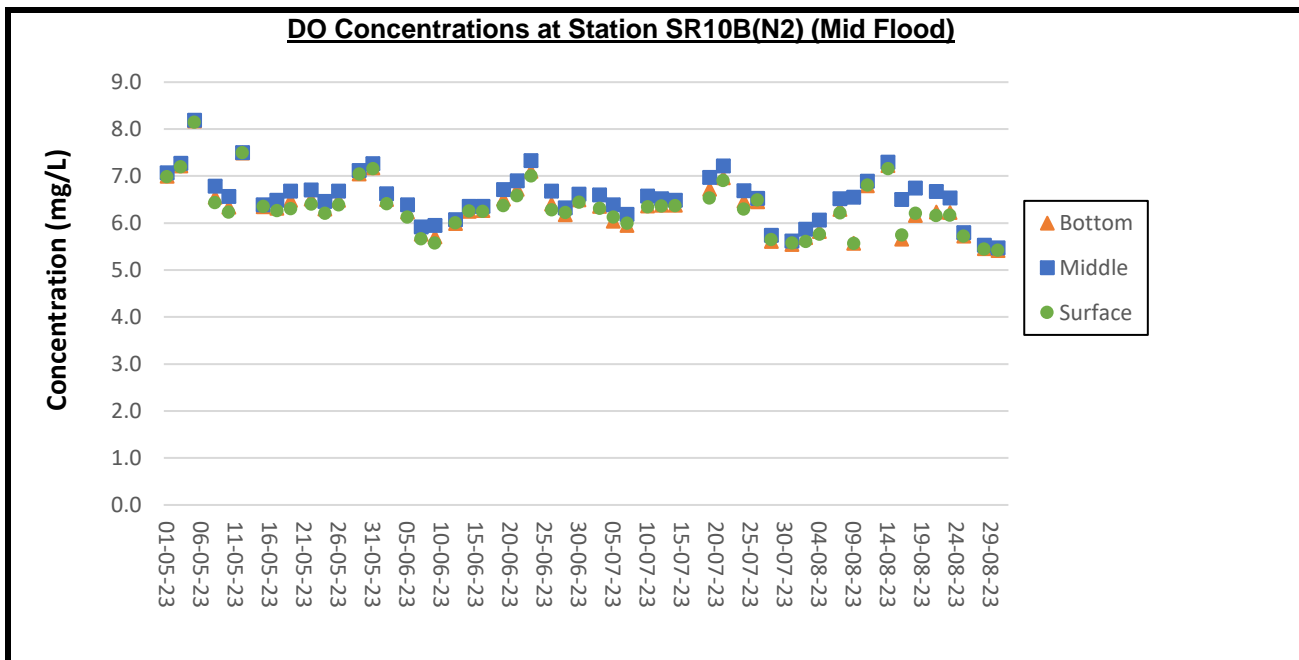
**Remarks:**

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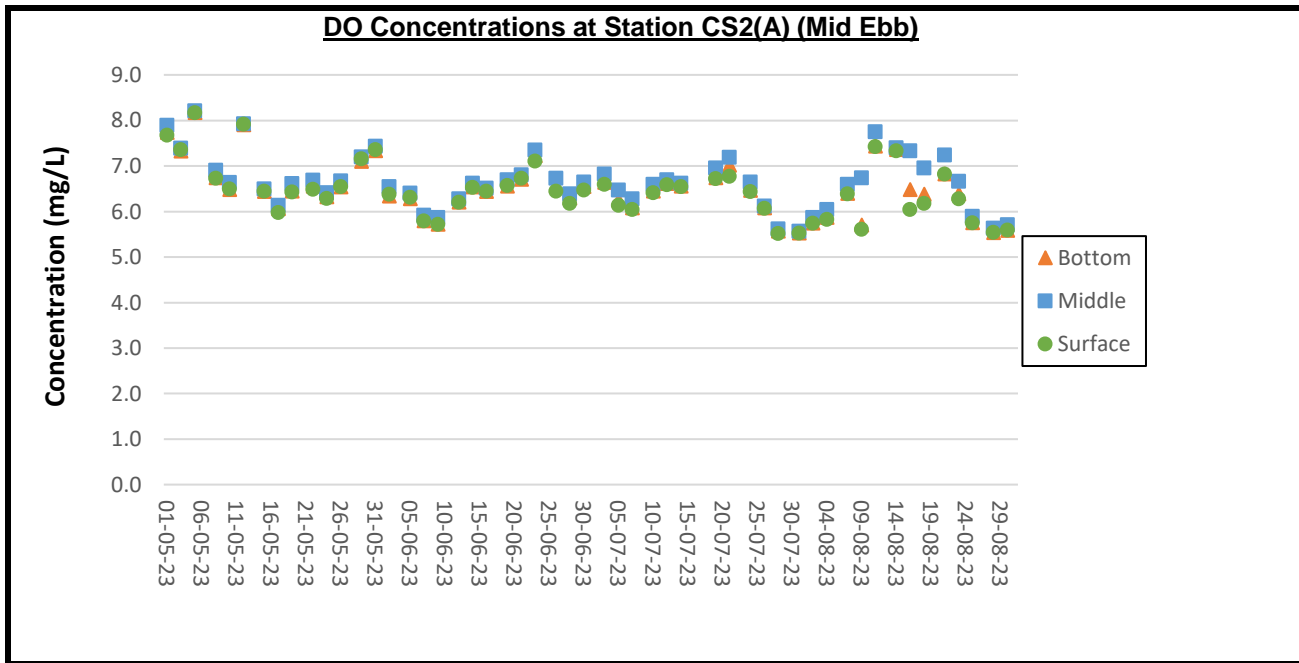
Remarks:

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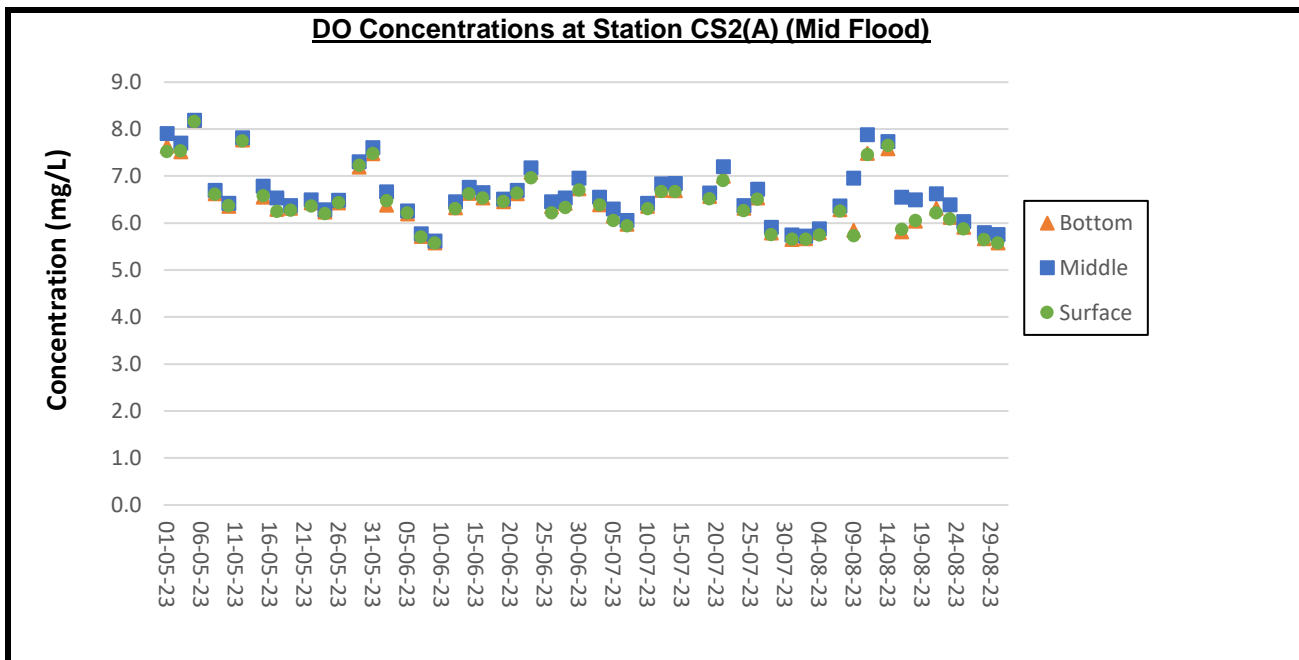
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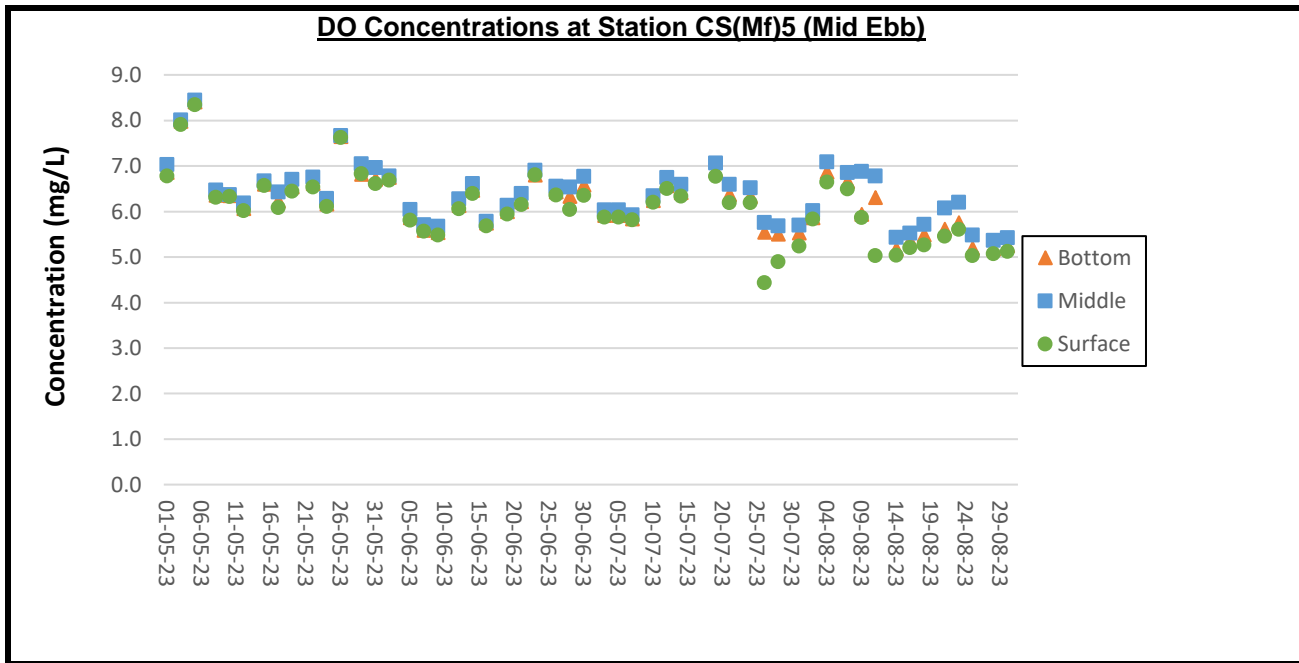
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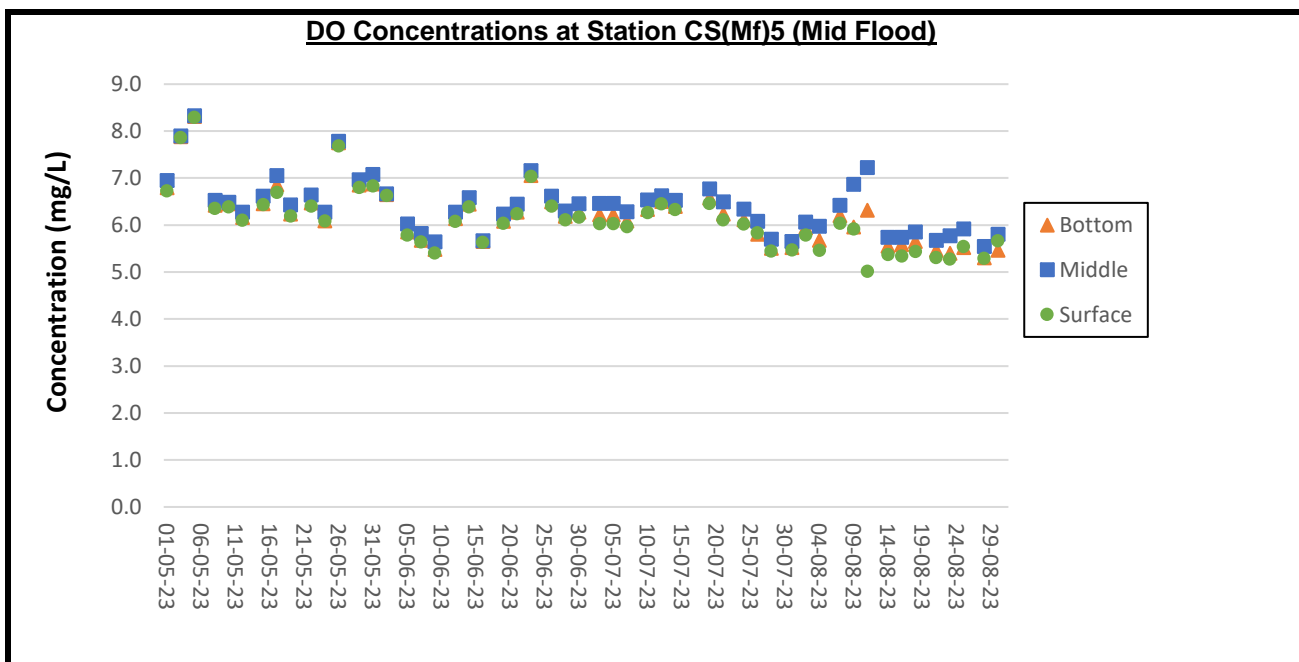
Remarks:

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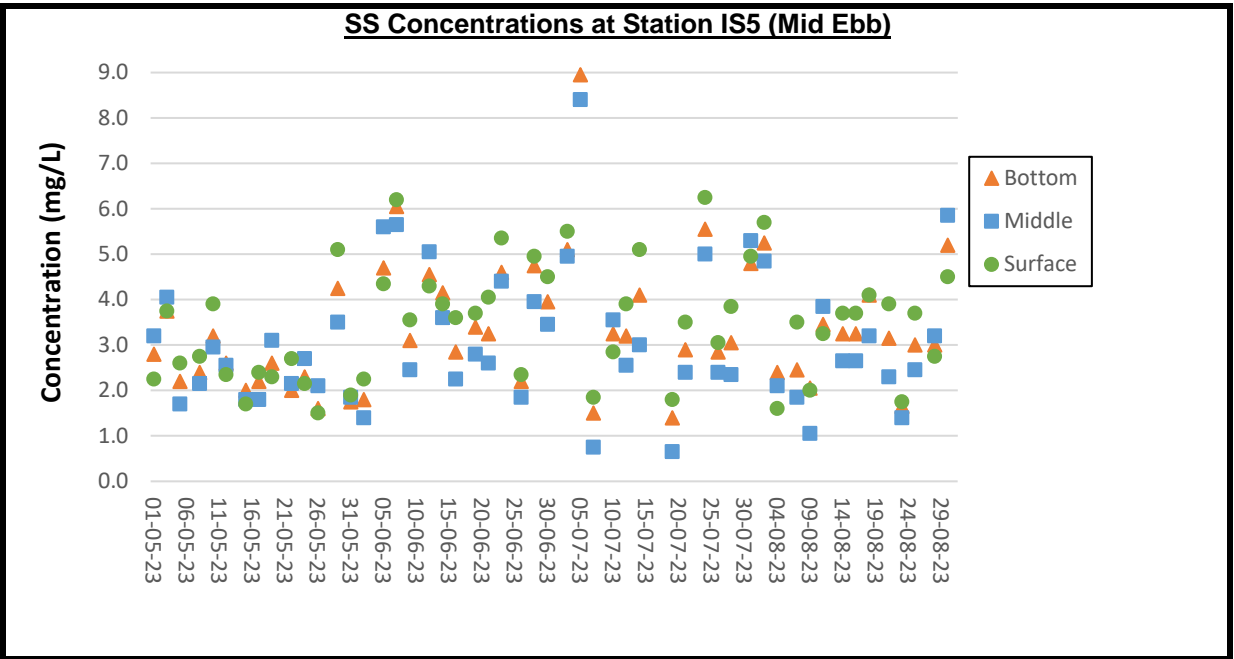
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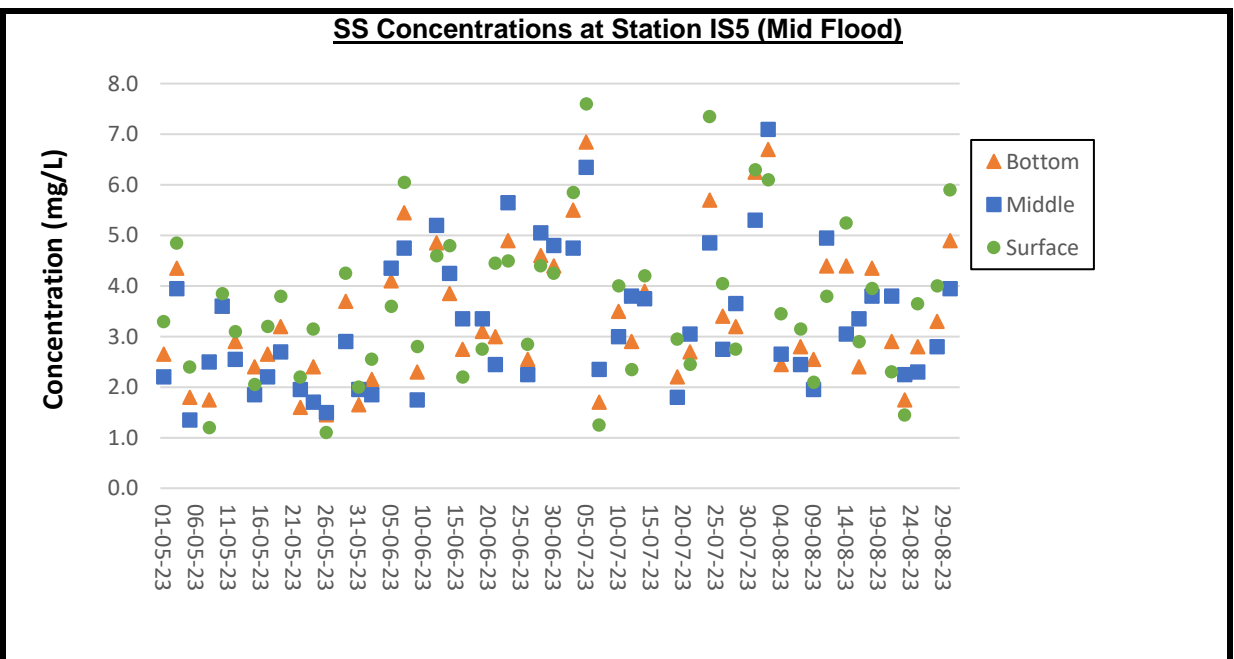
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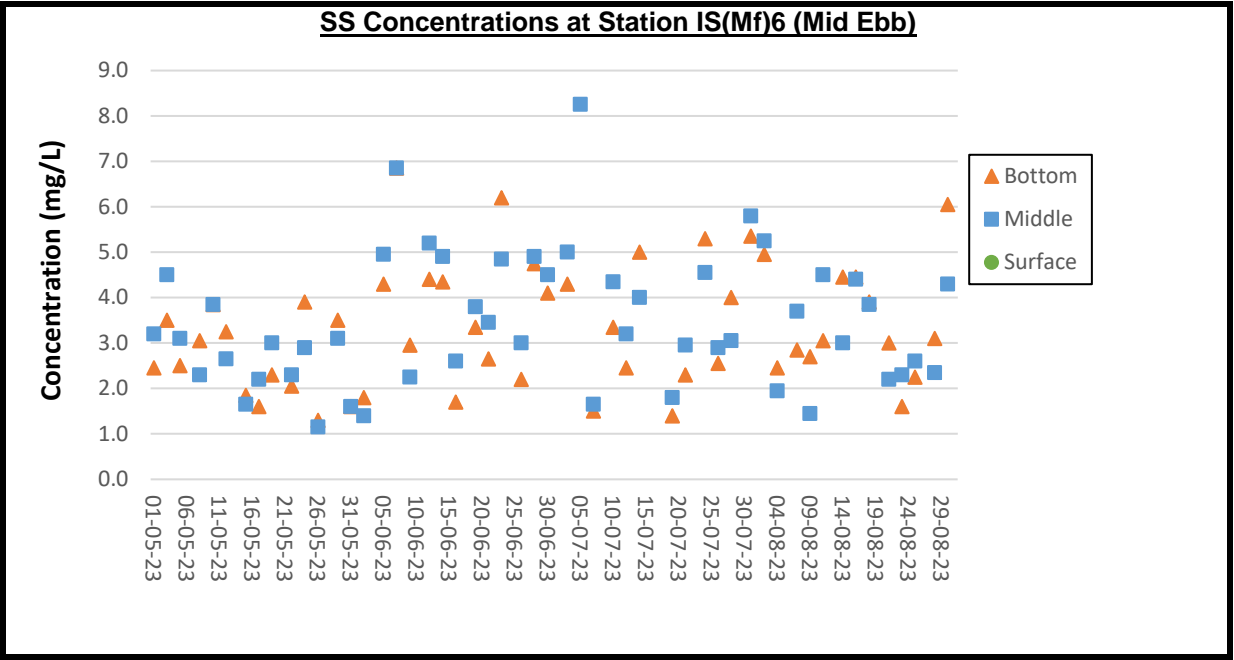
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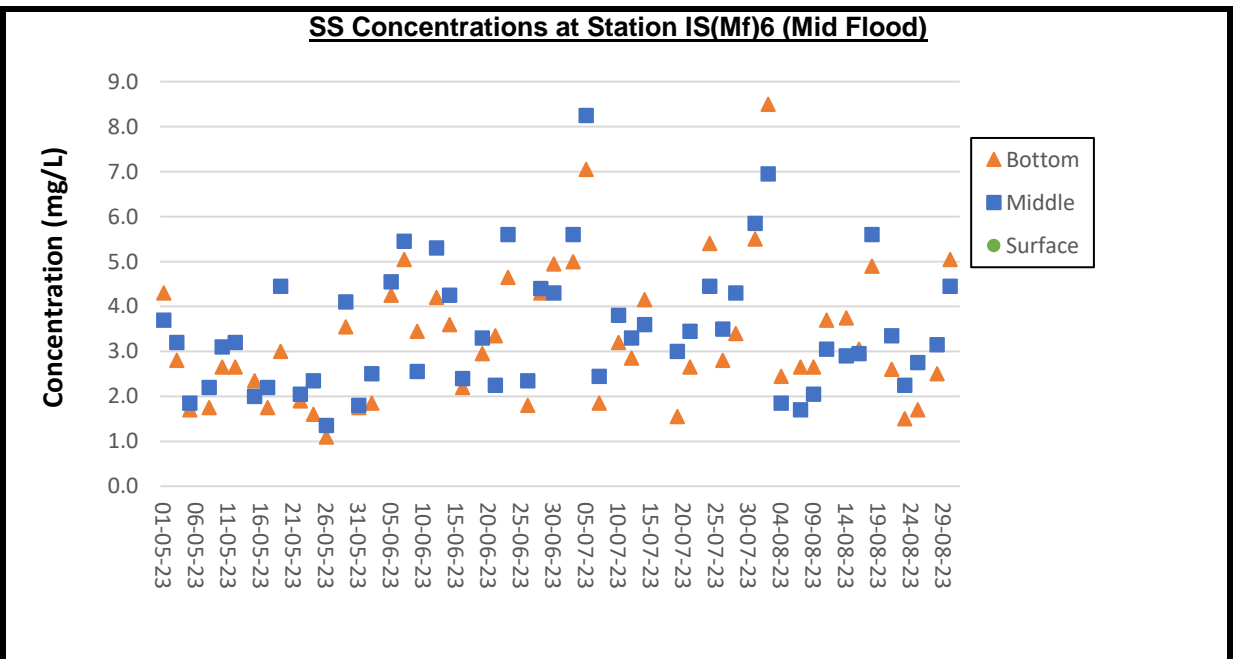
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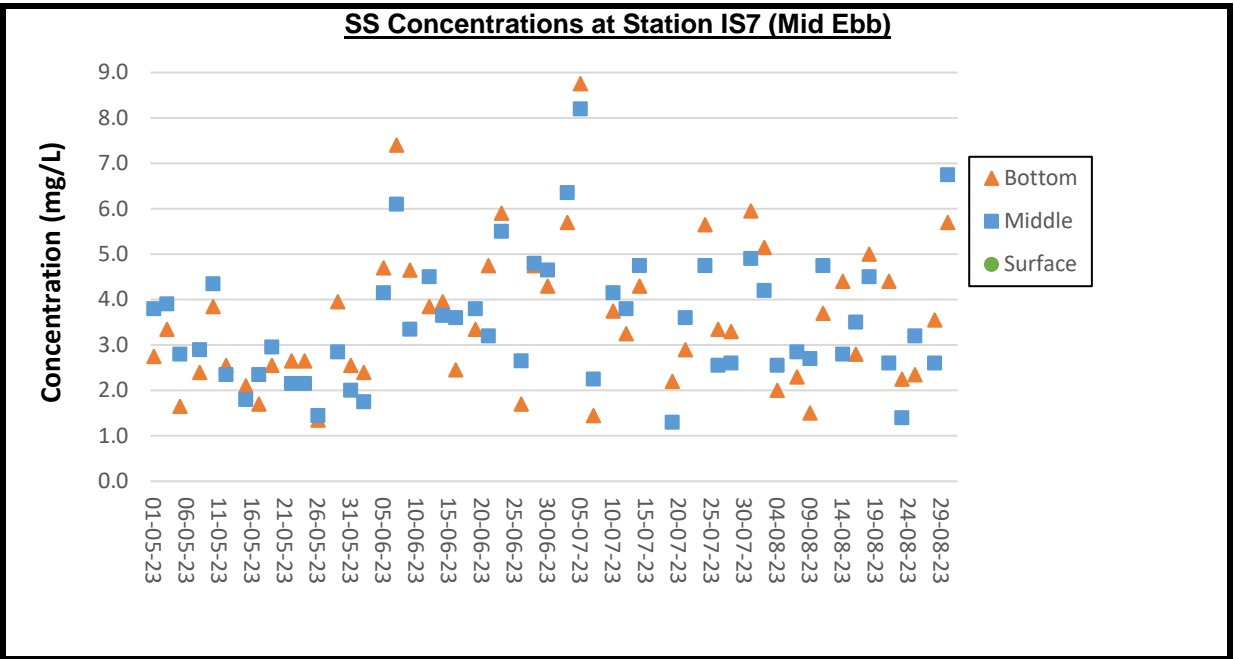
Remarks:

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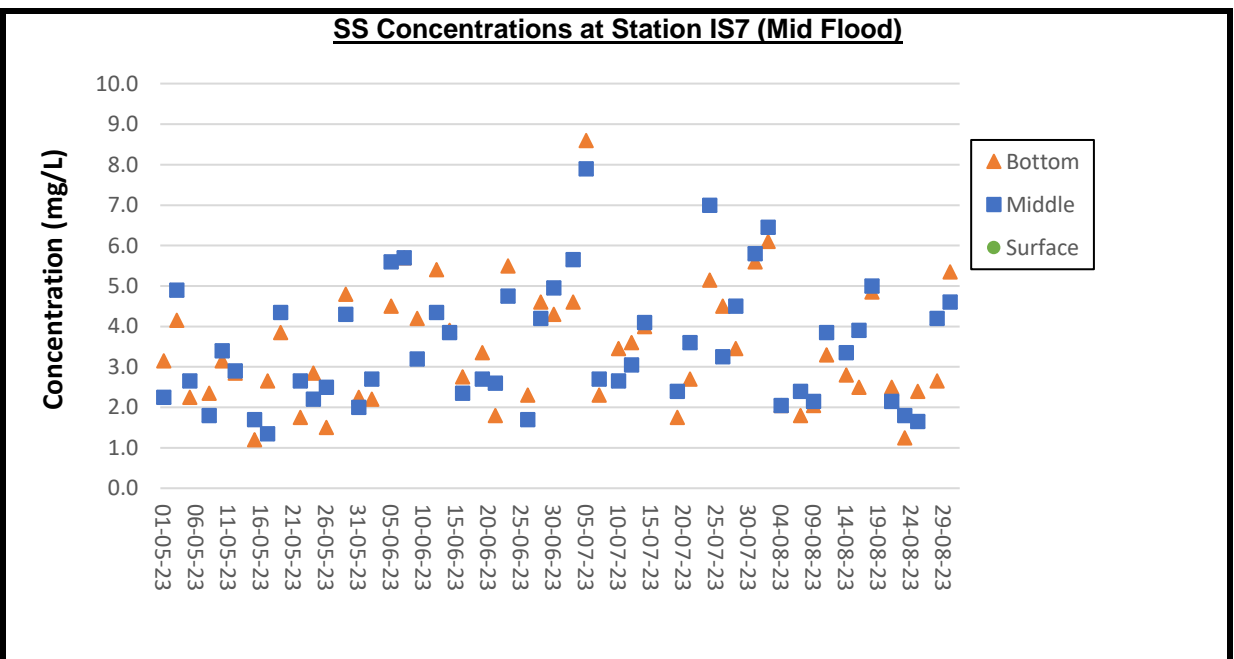
Remarks:

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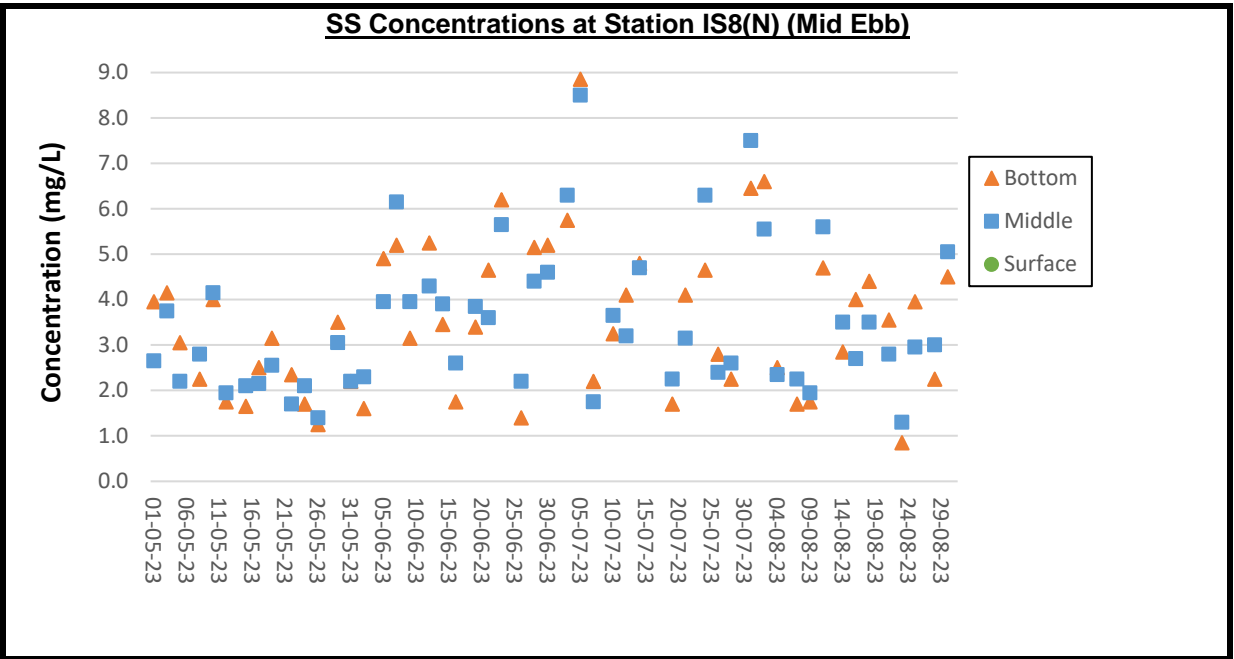
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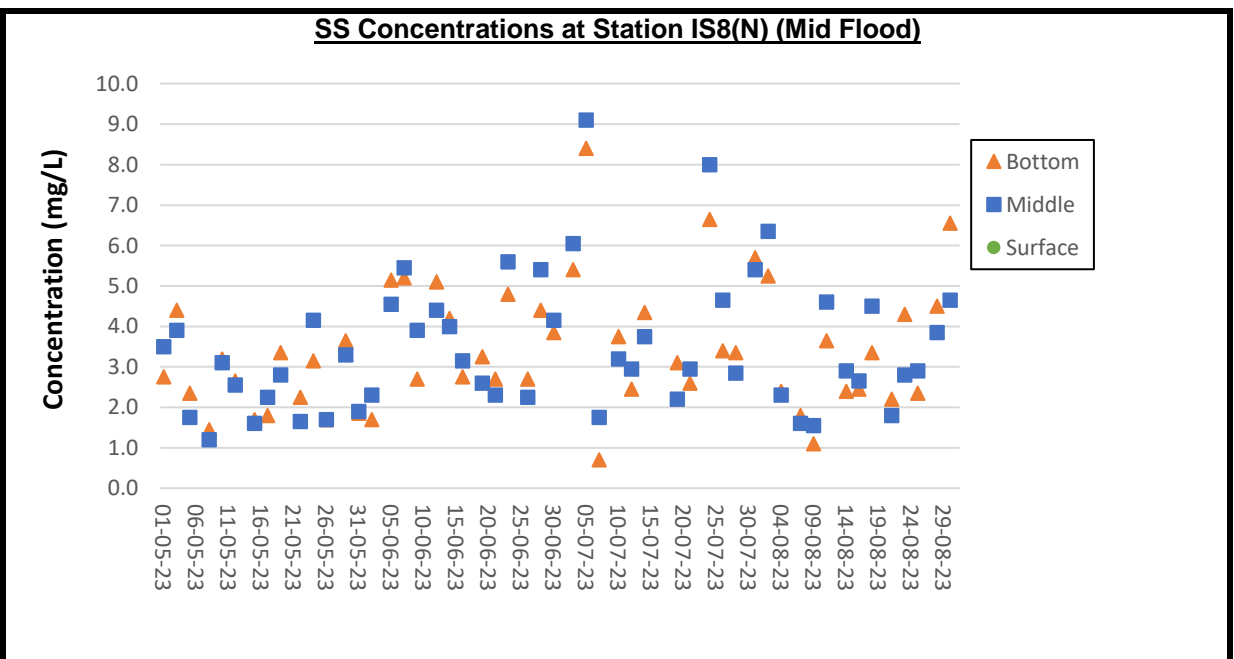
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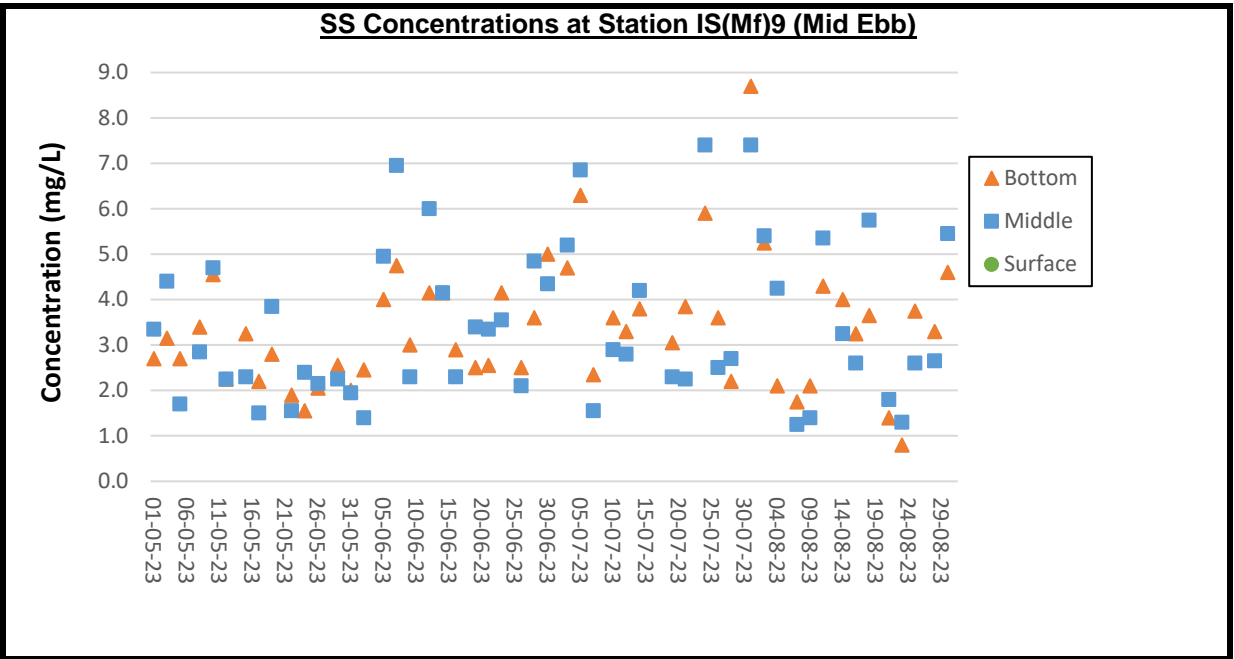
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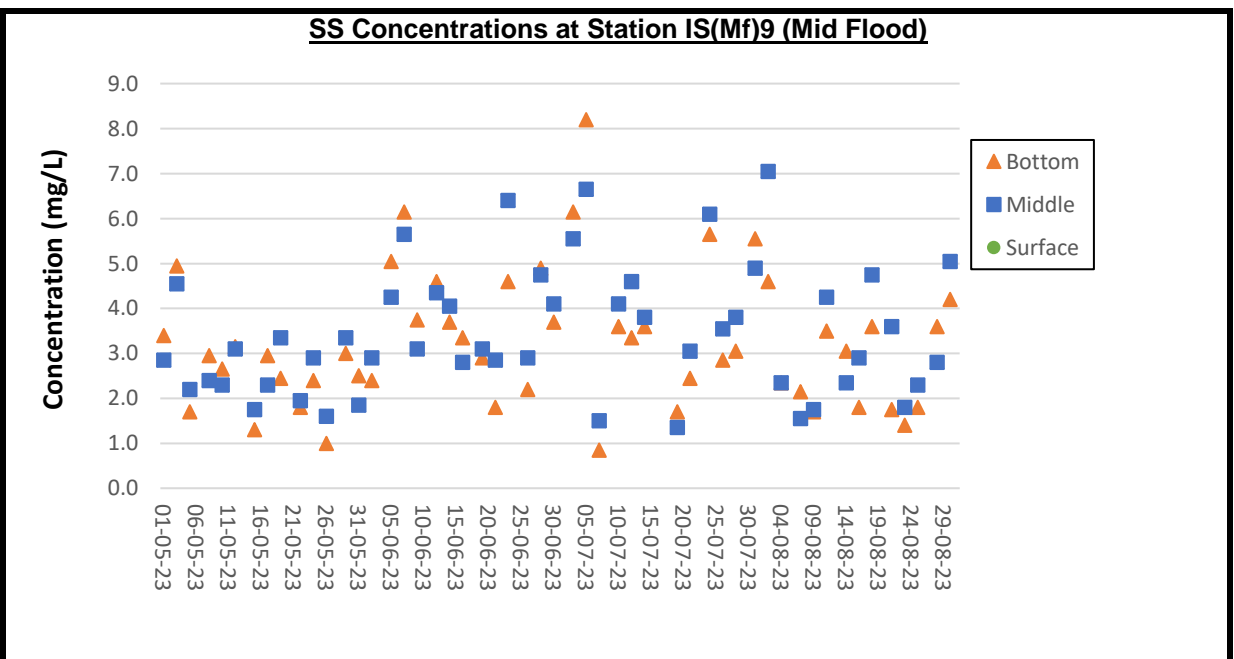
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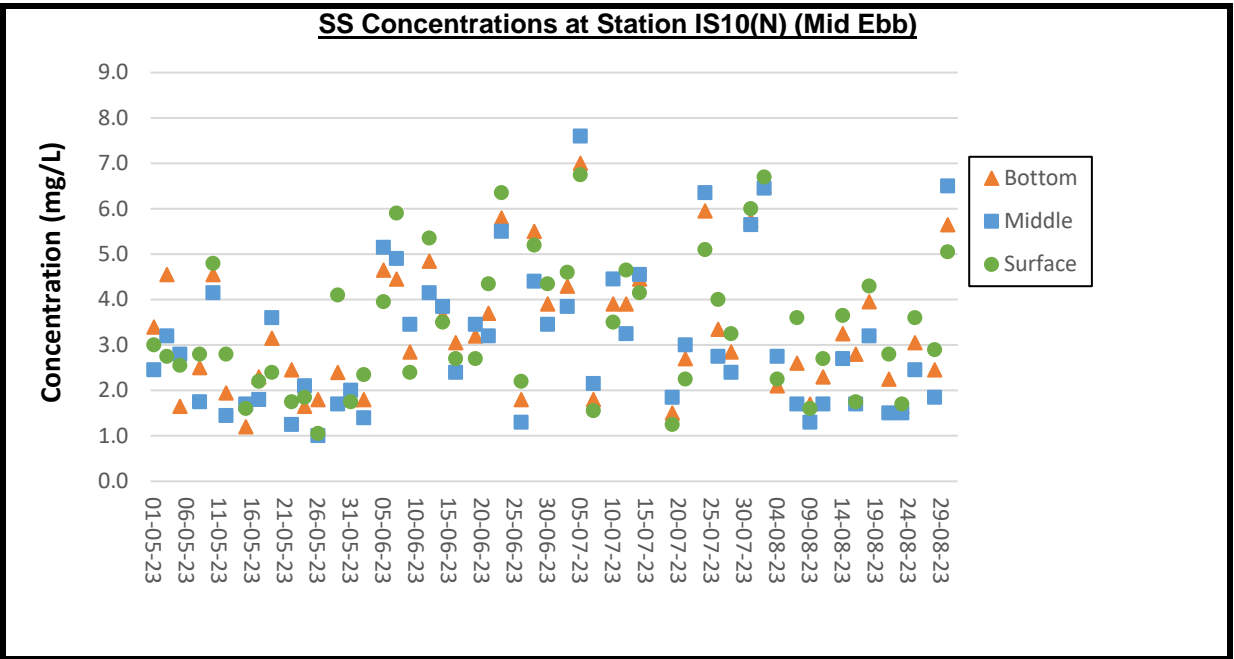
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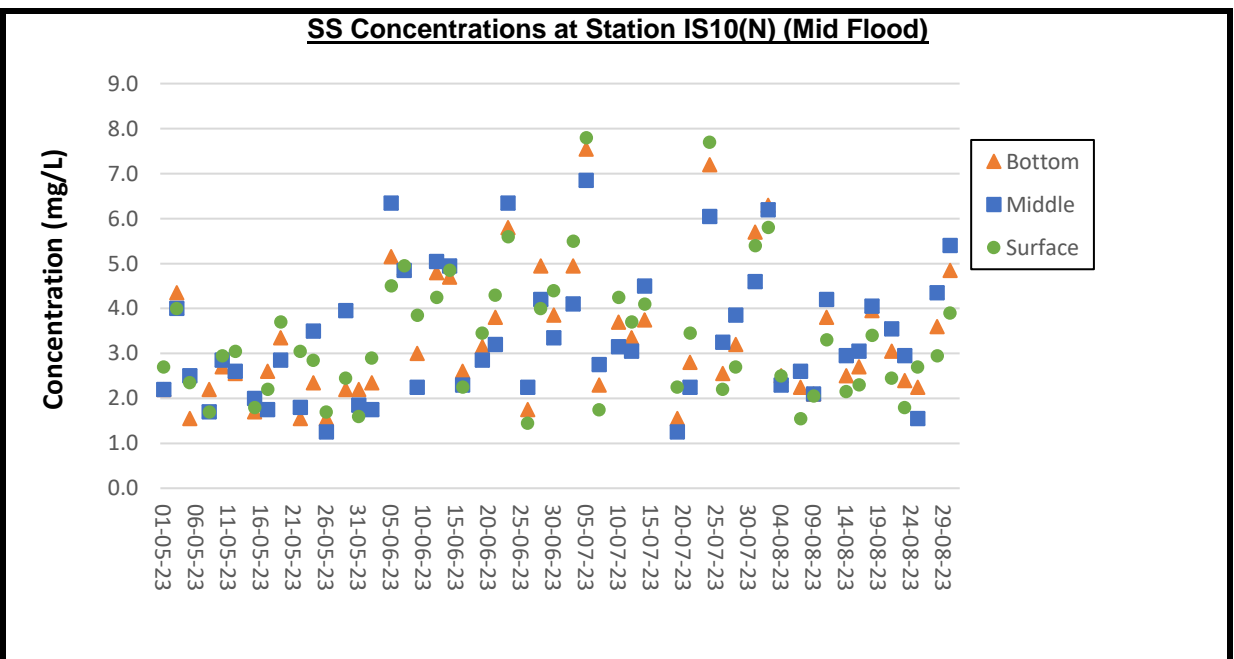
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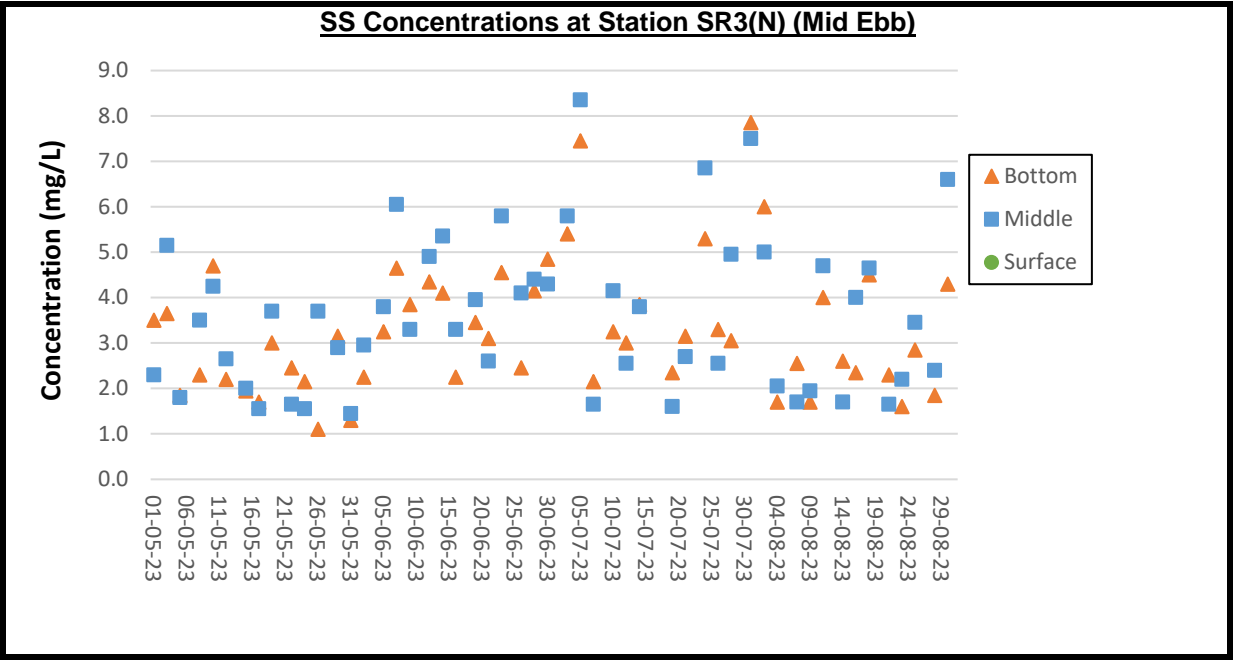
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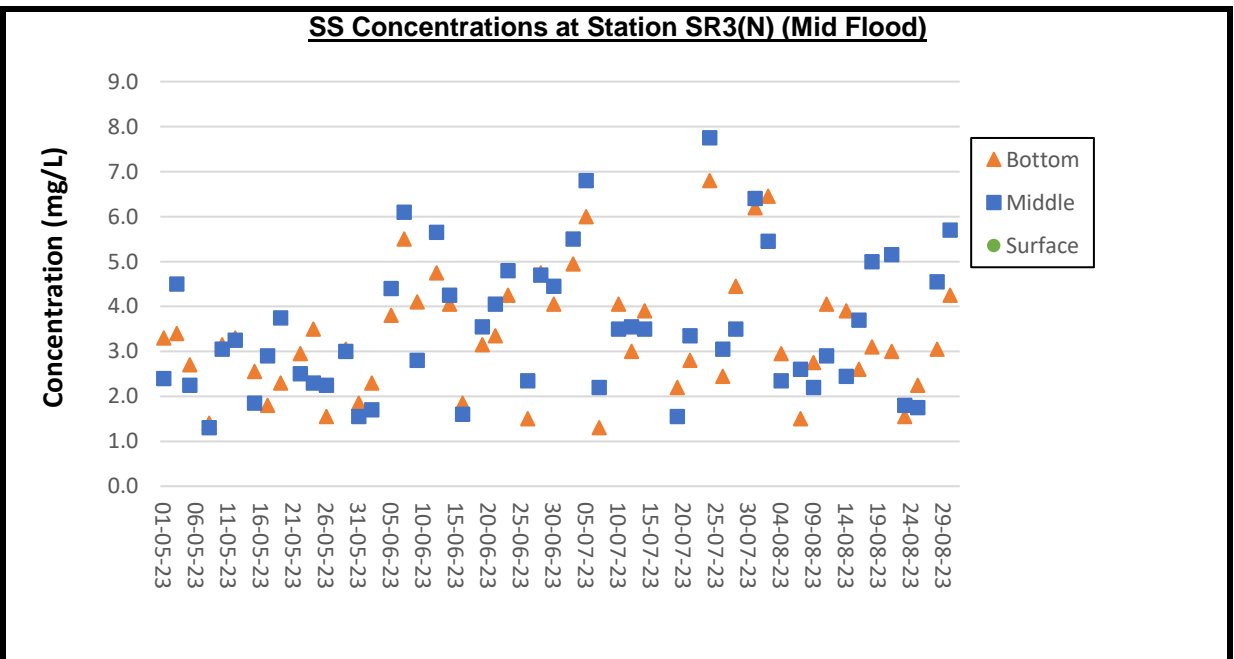
Remarks:

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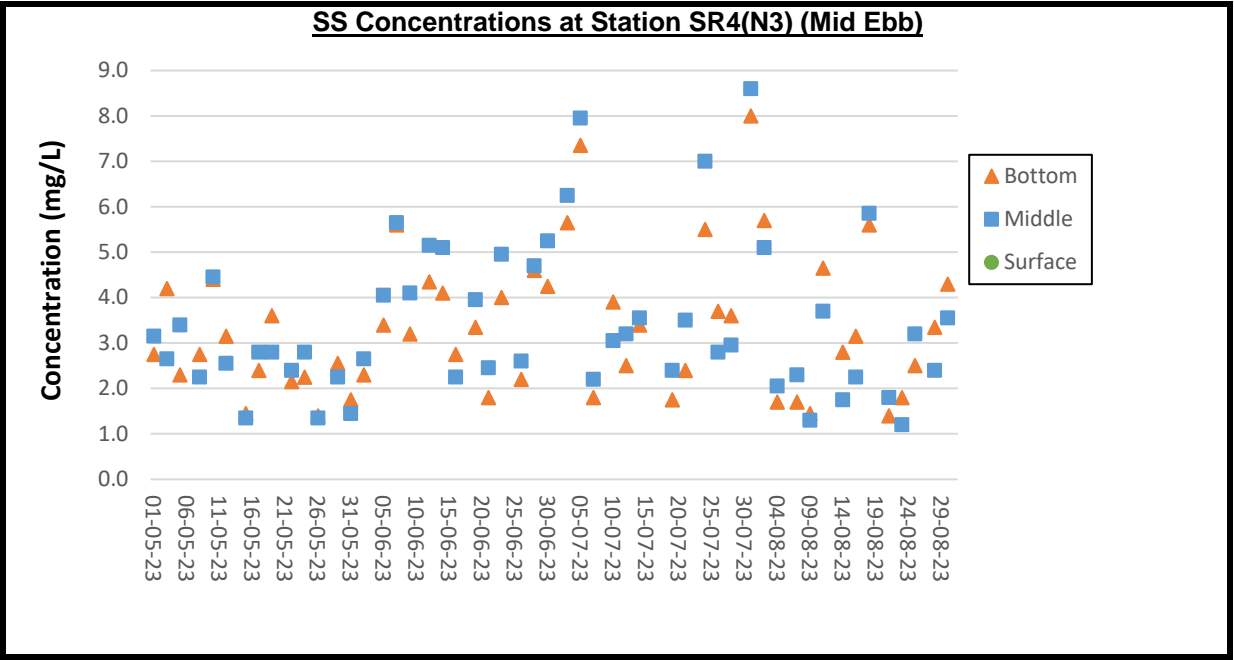
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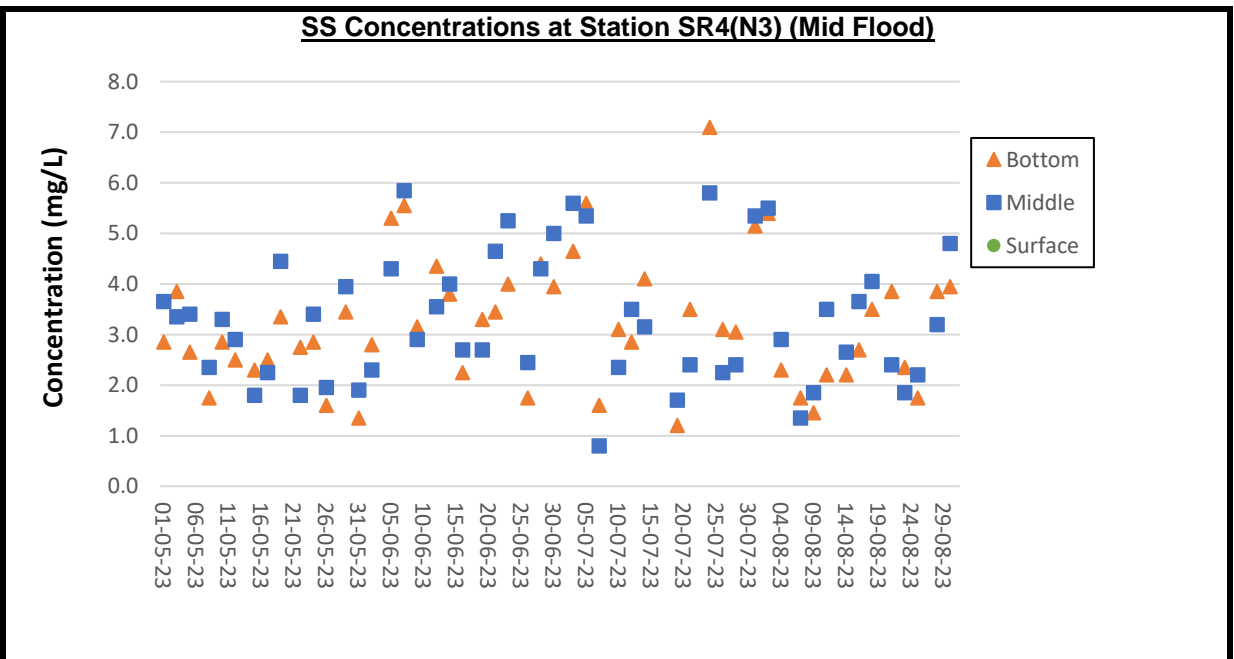
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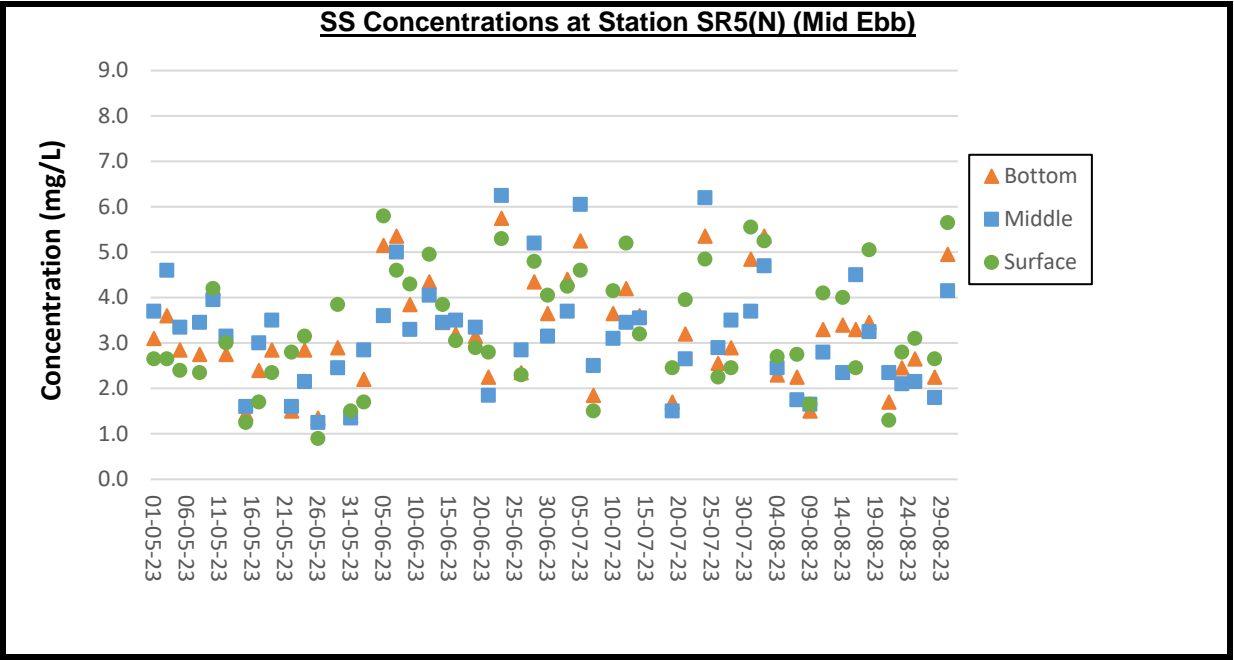
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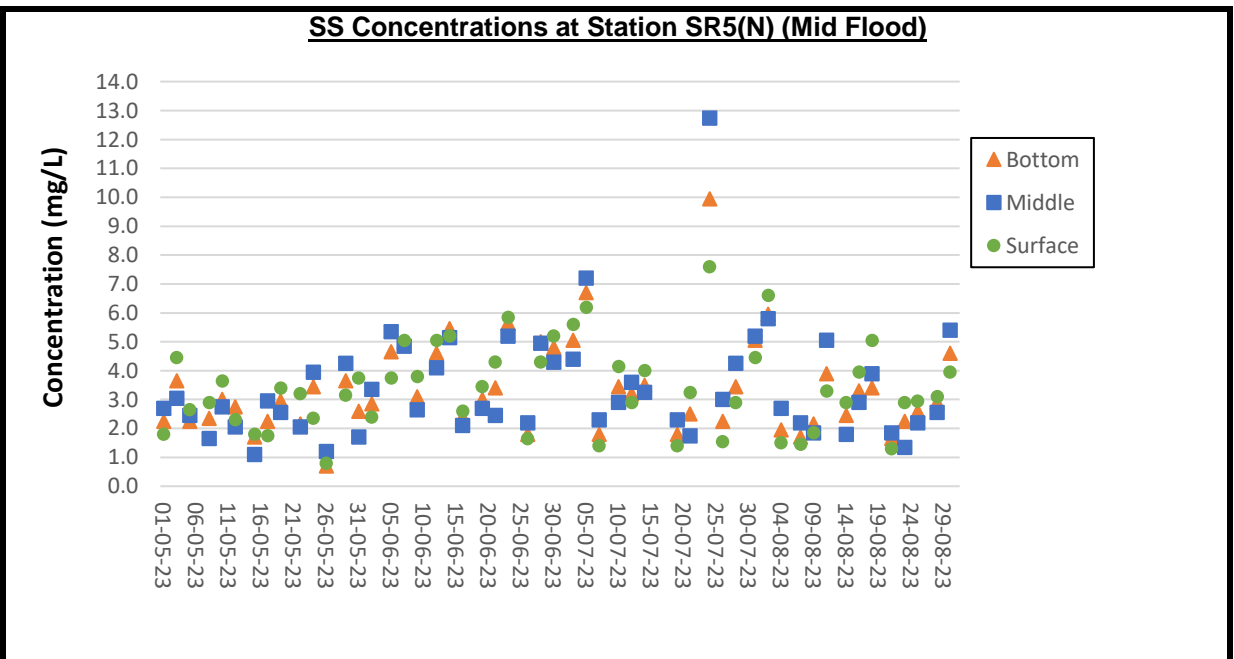
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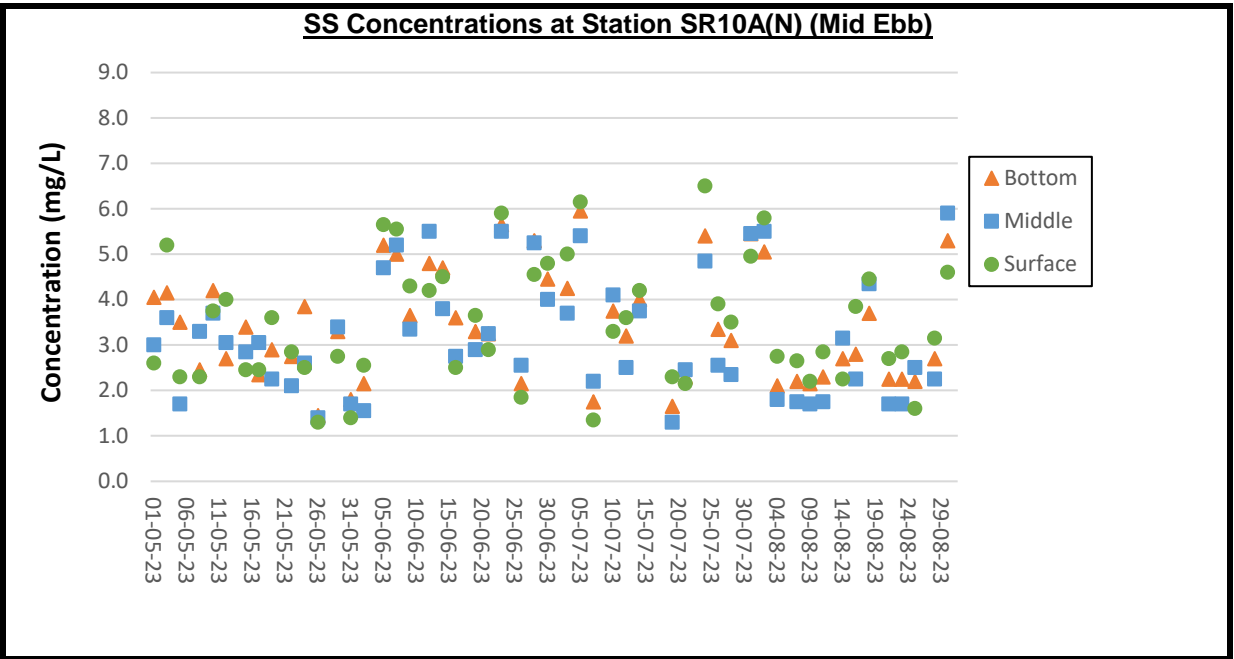
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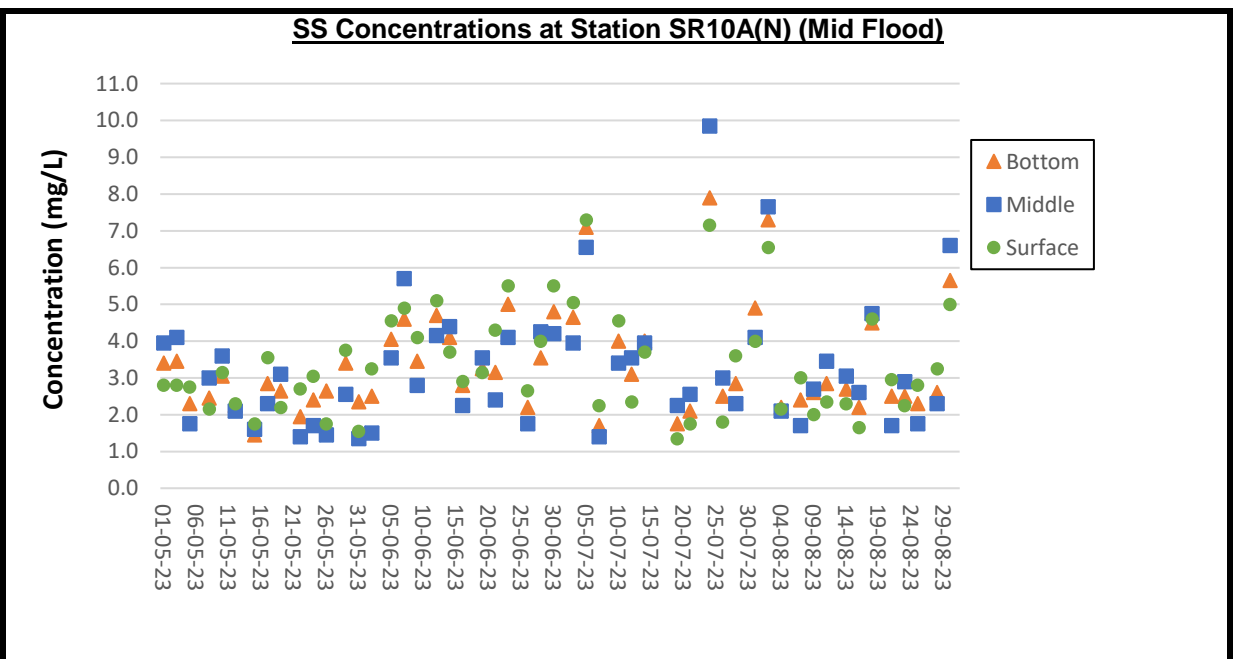
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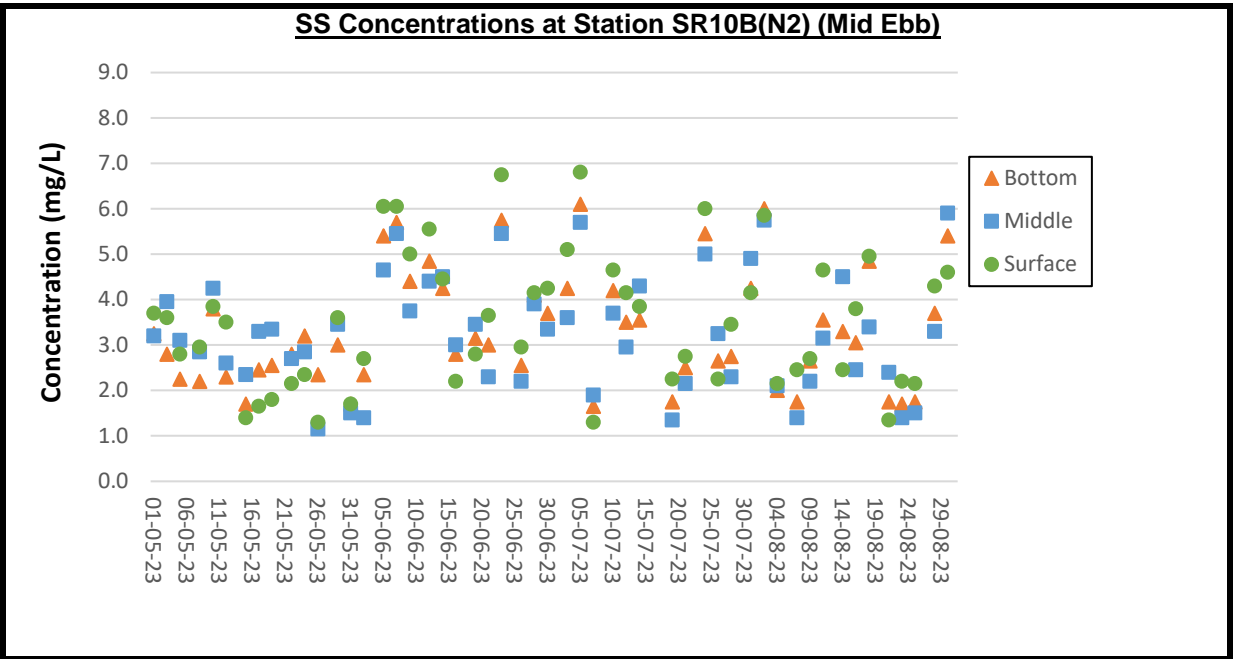
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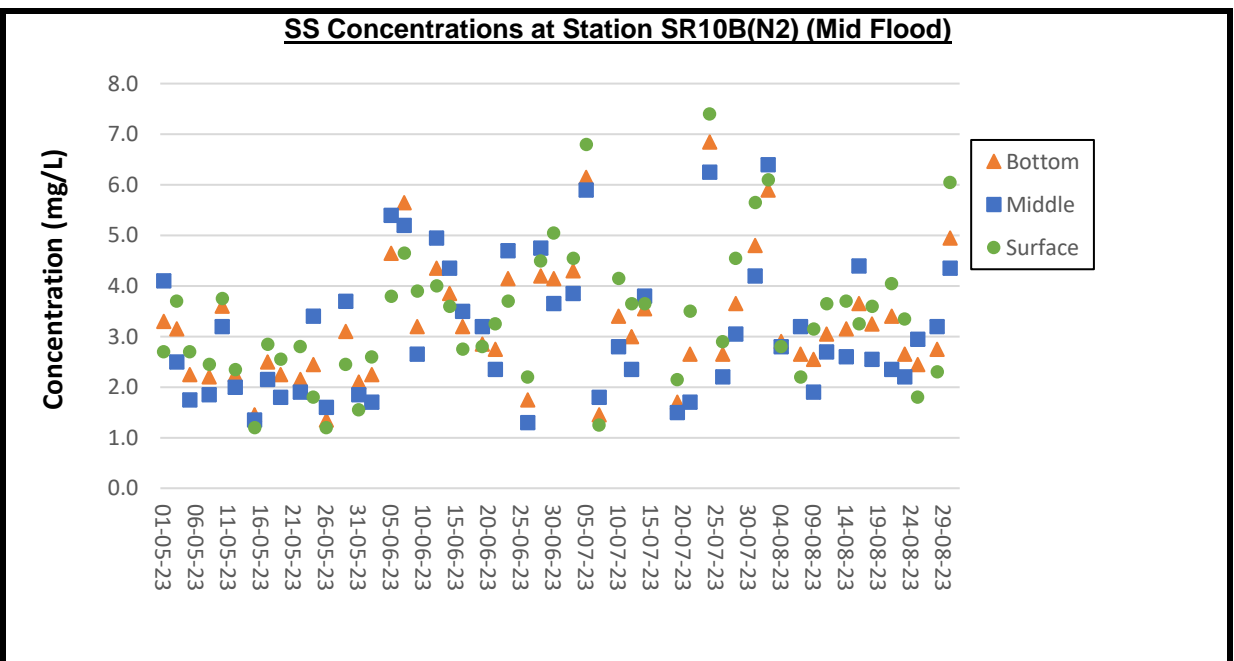
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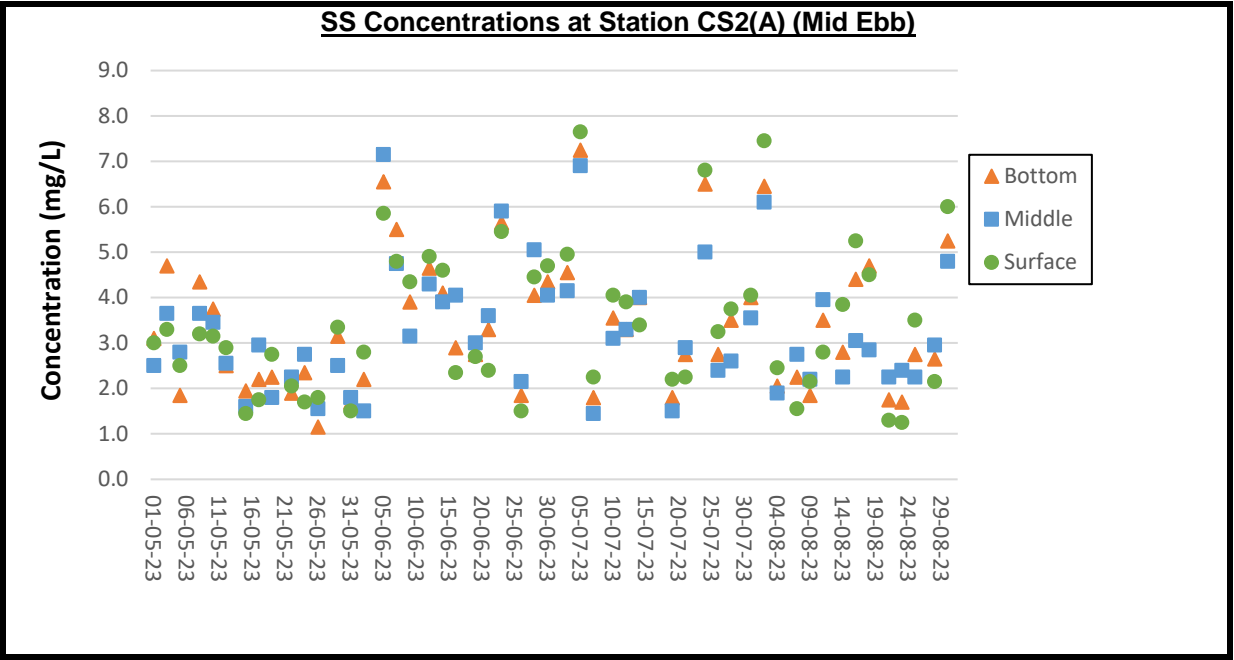
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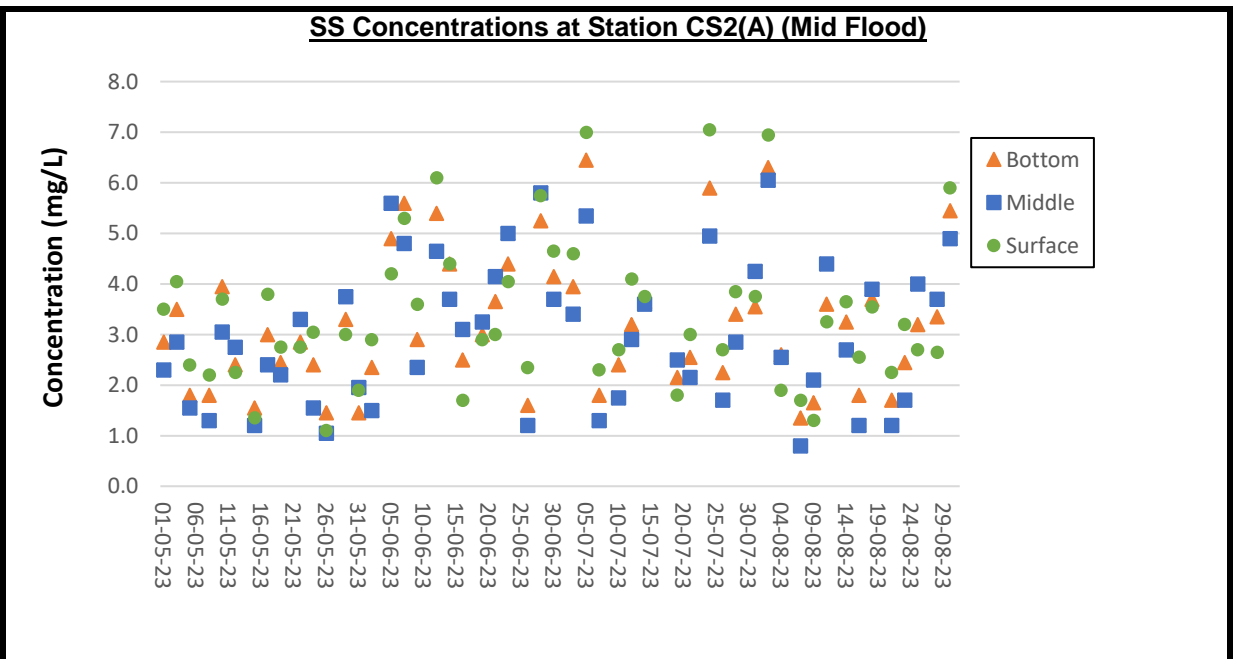
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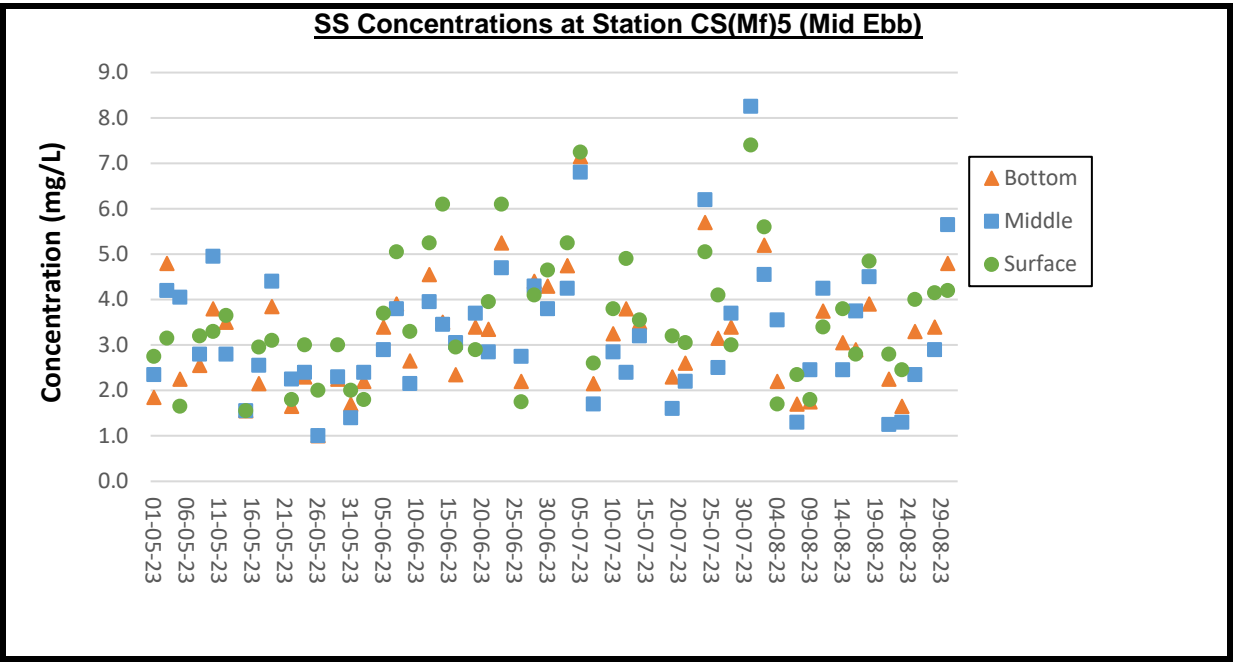
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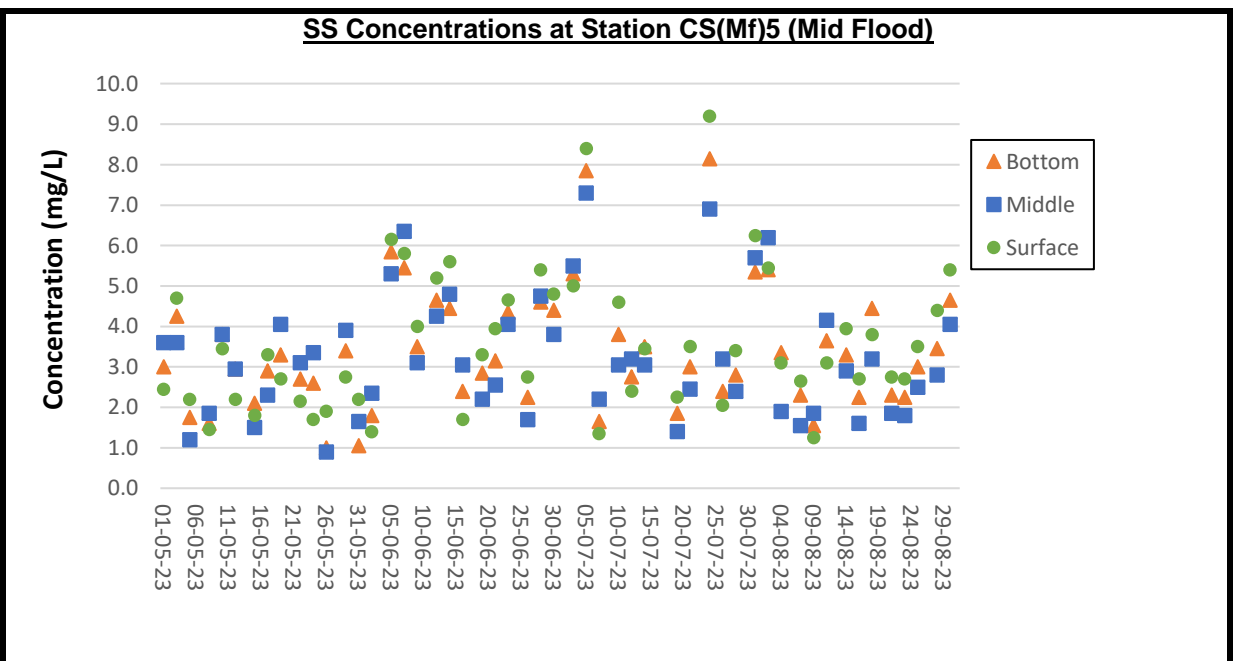
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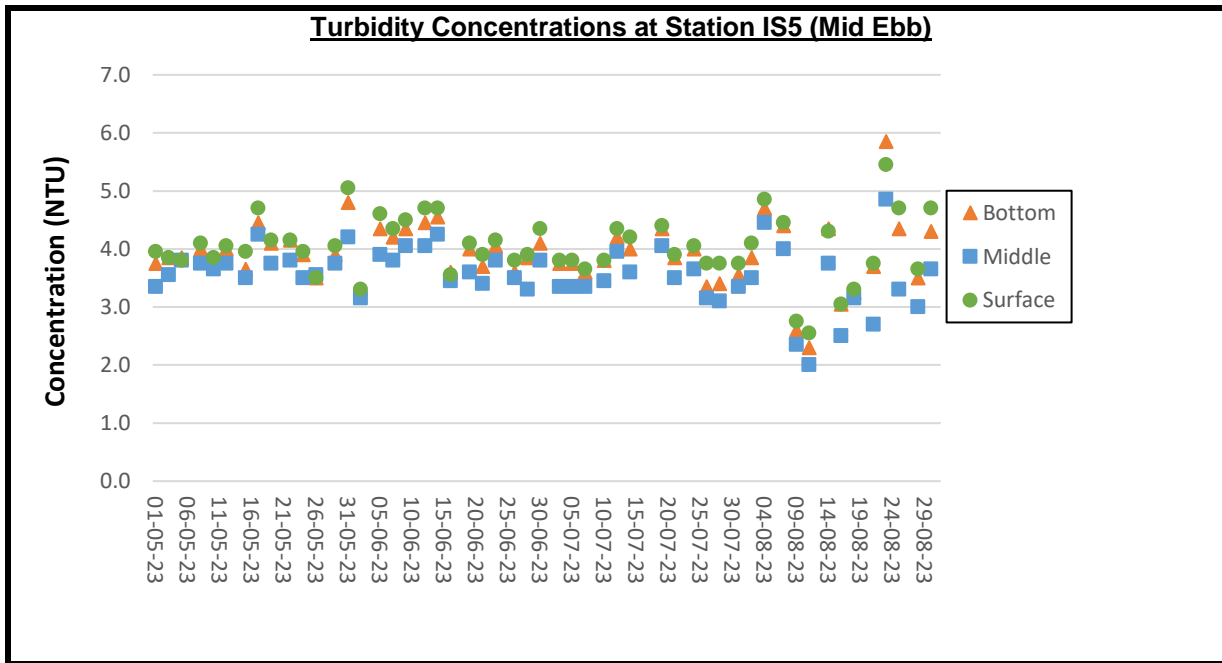
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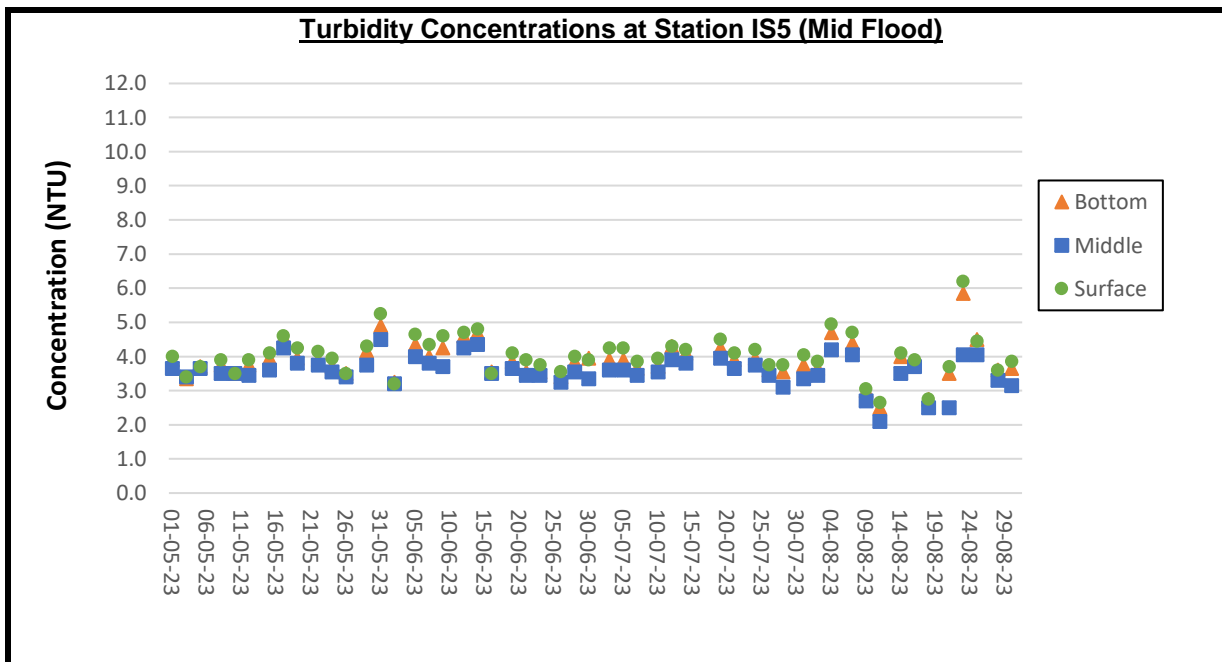
Remarks:

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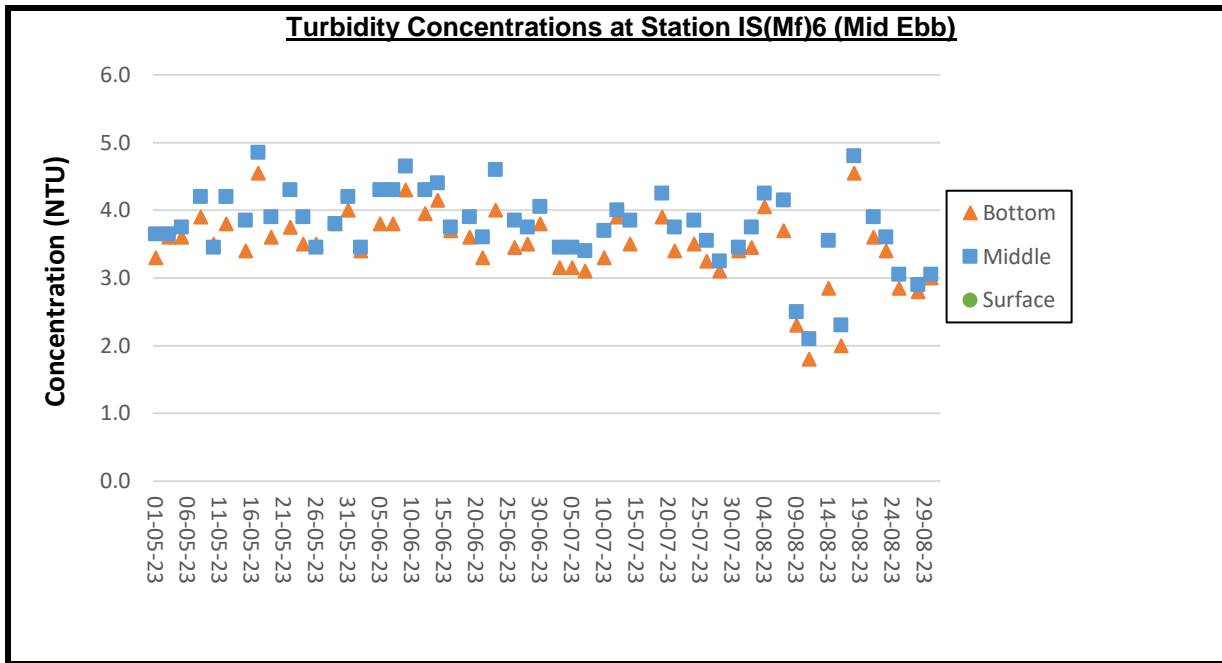
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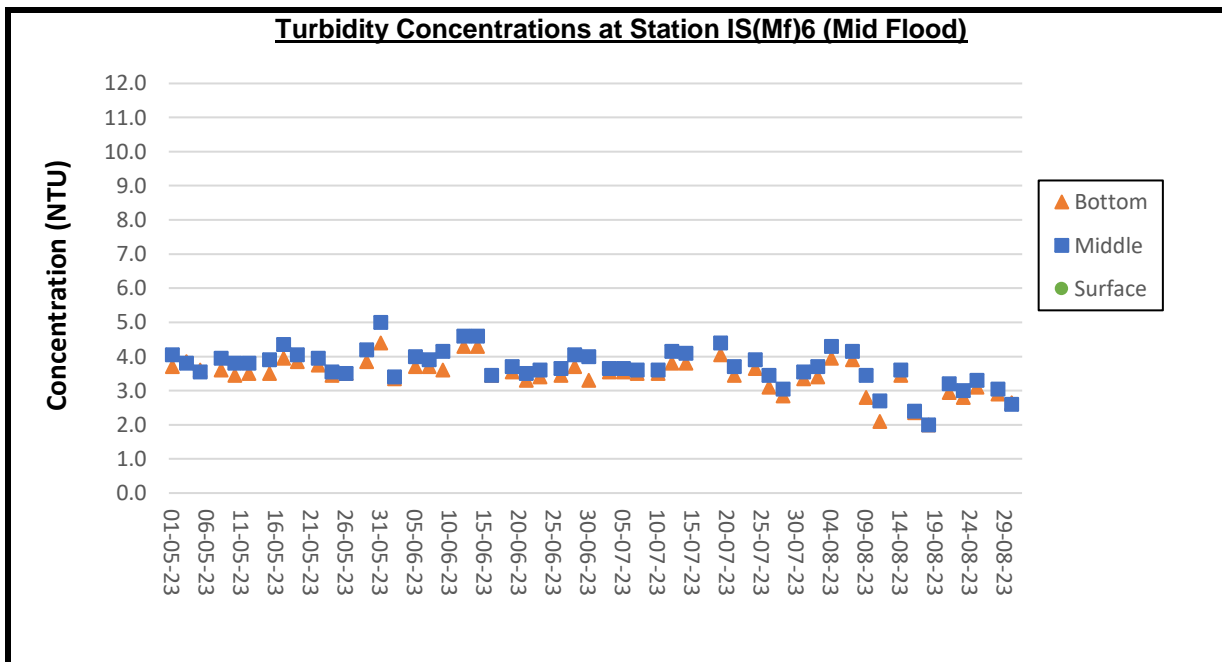
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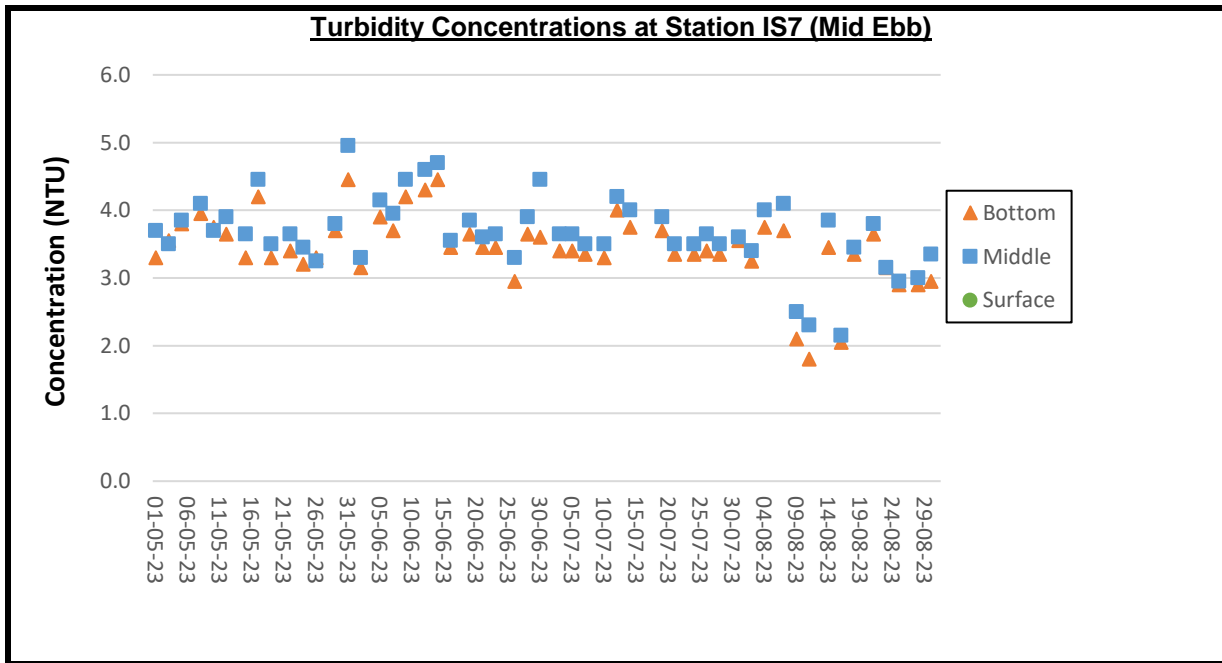
Remarks:

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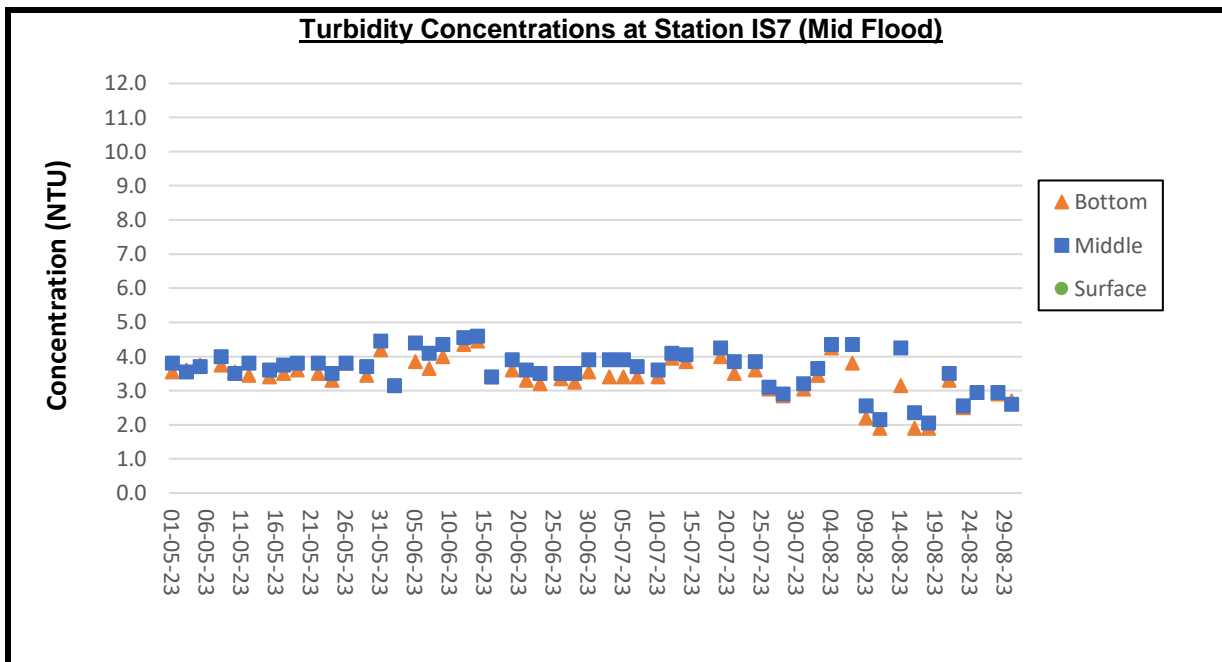
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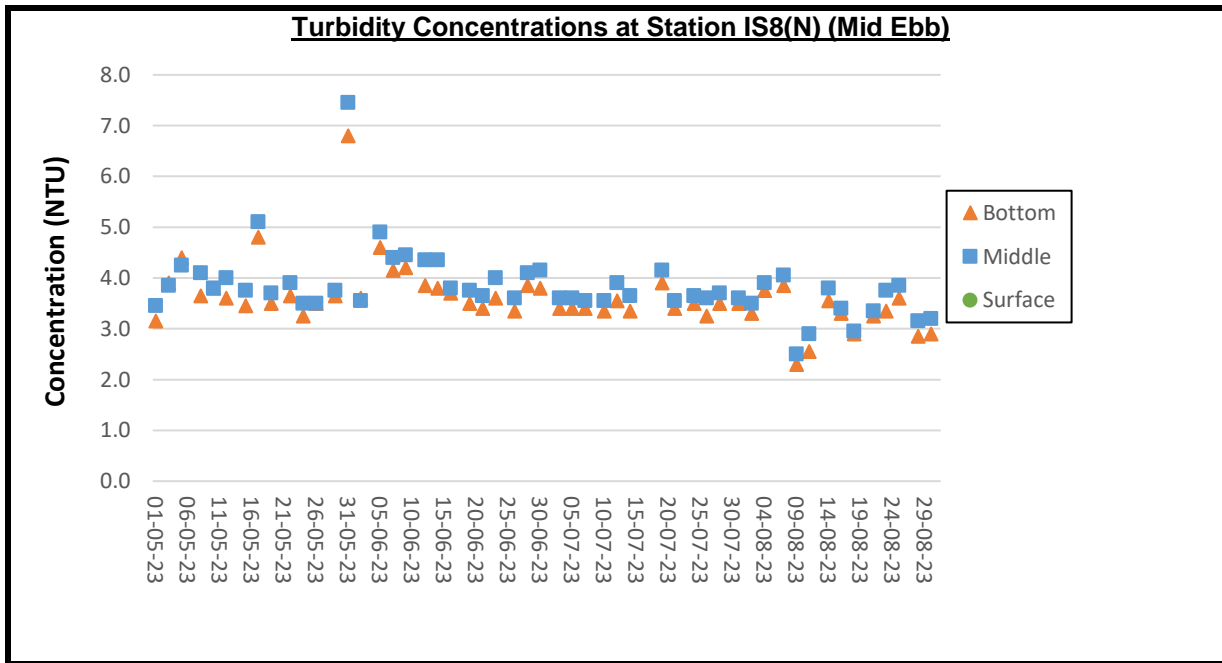
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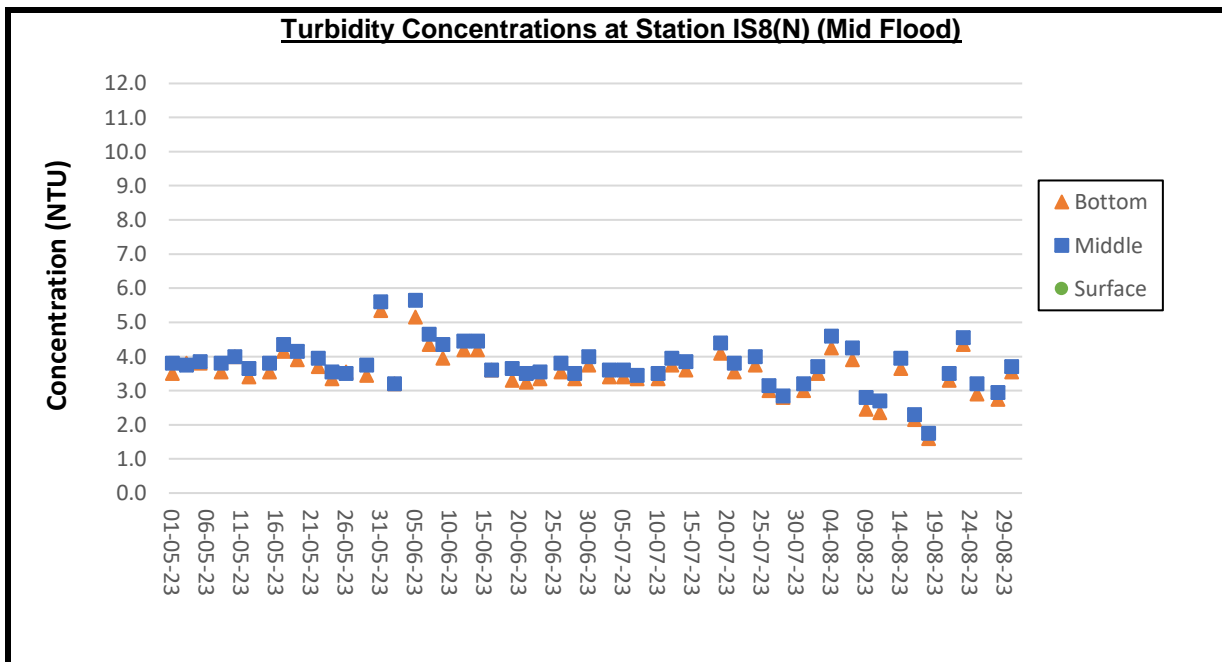
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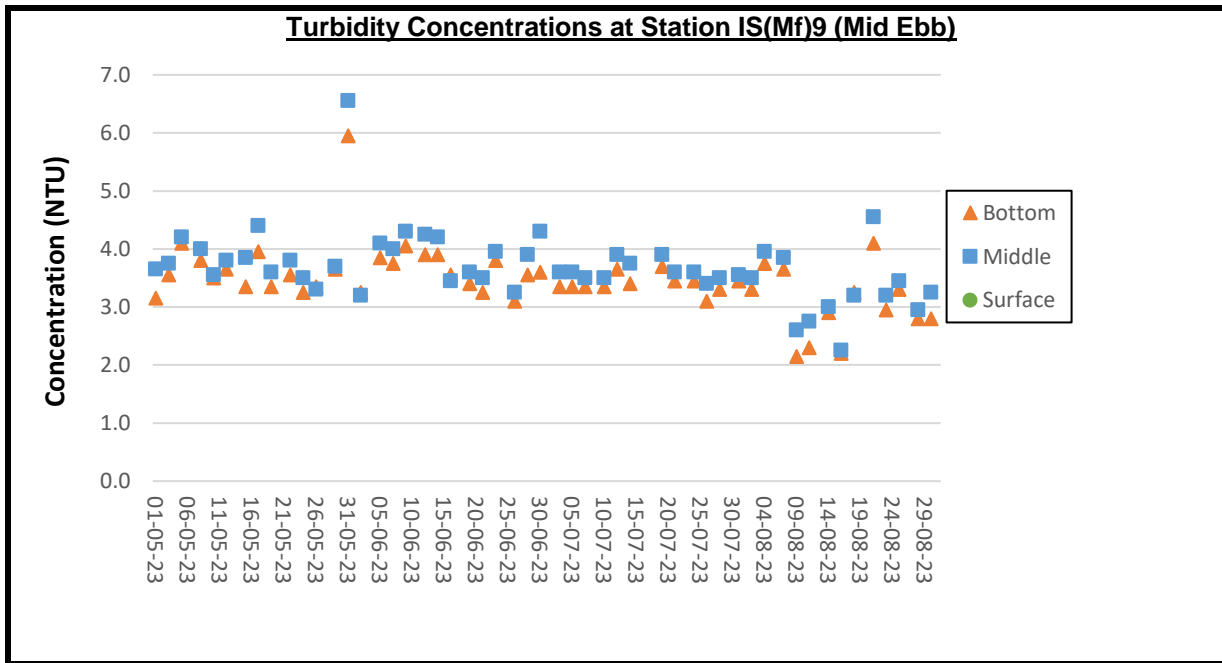
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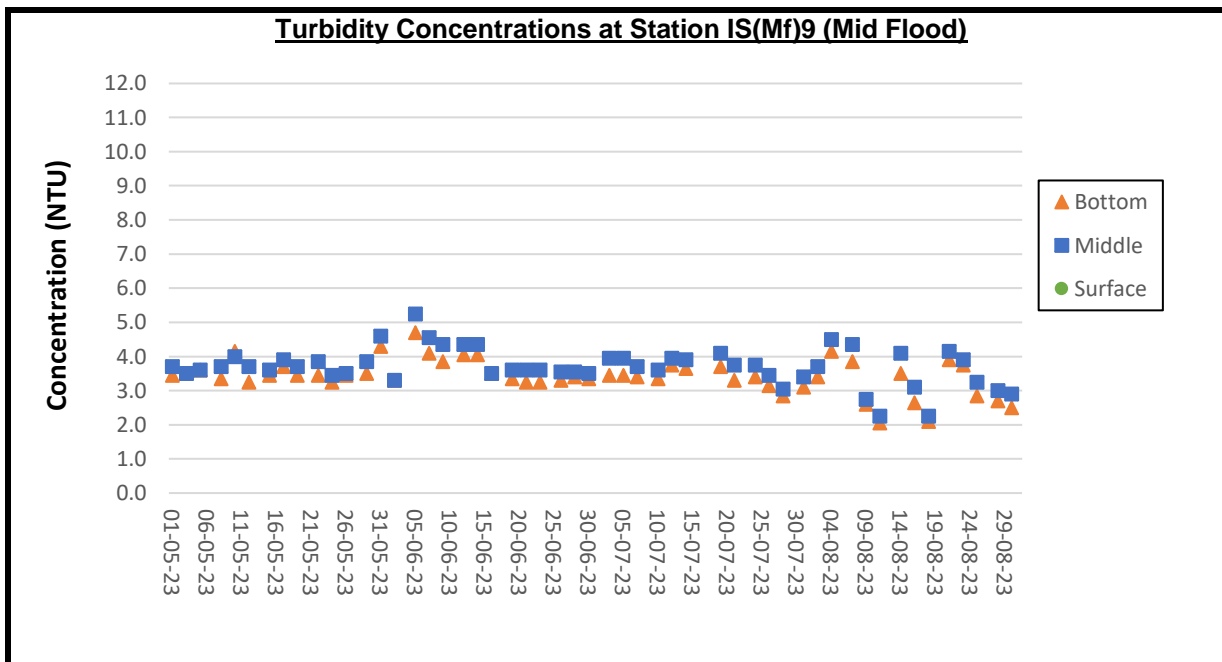
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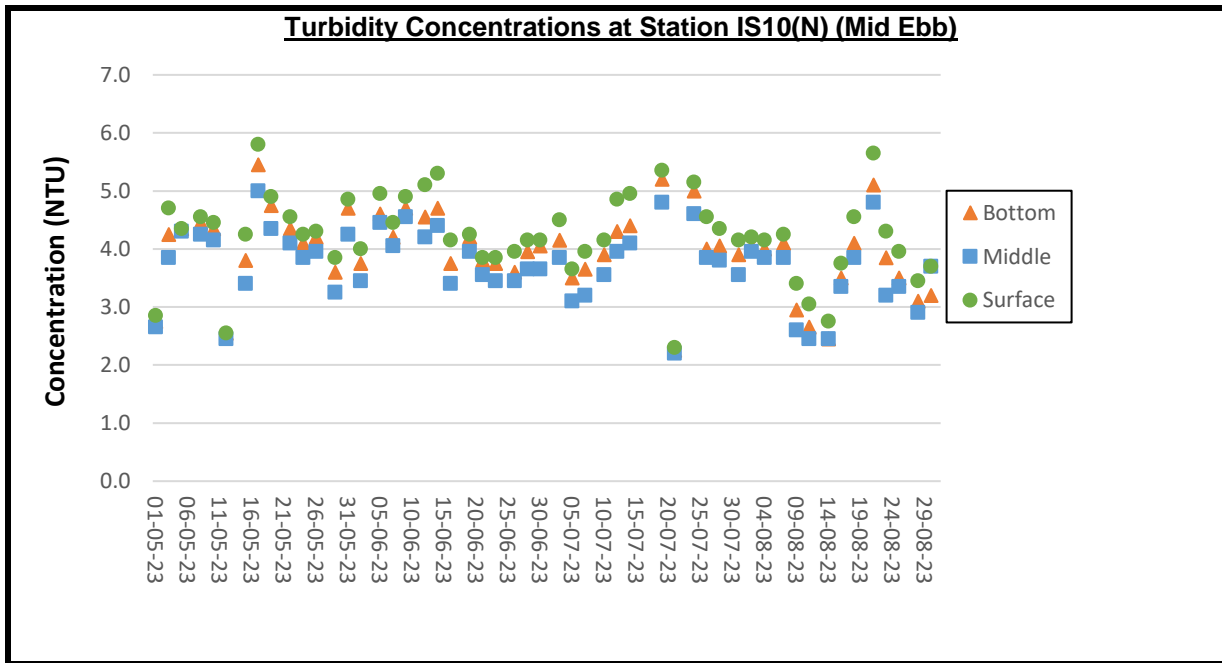
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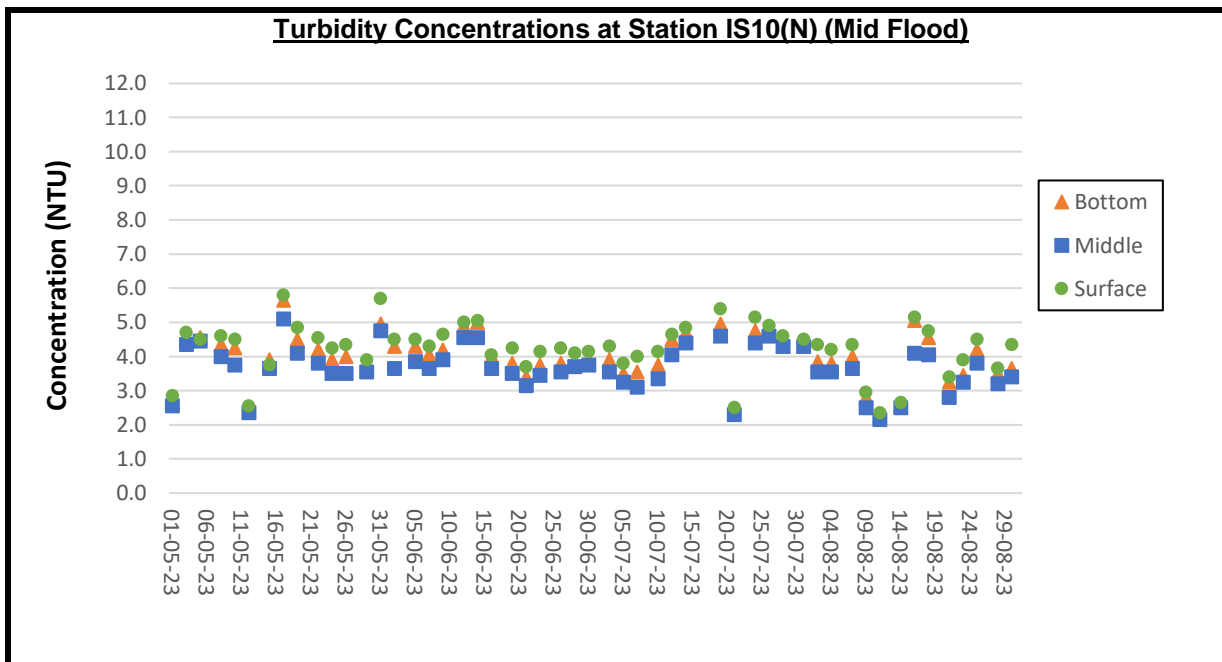
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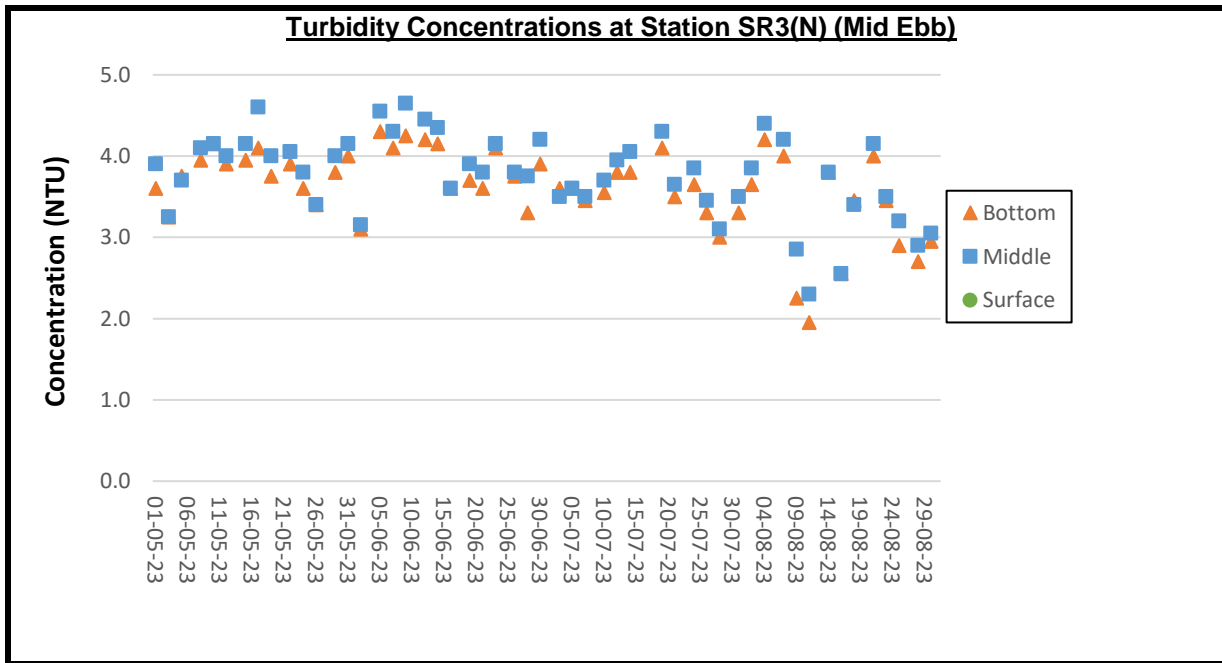
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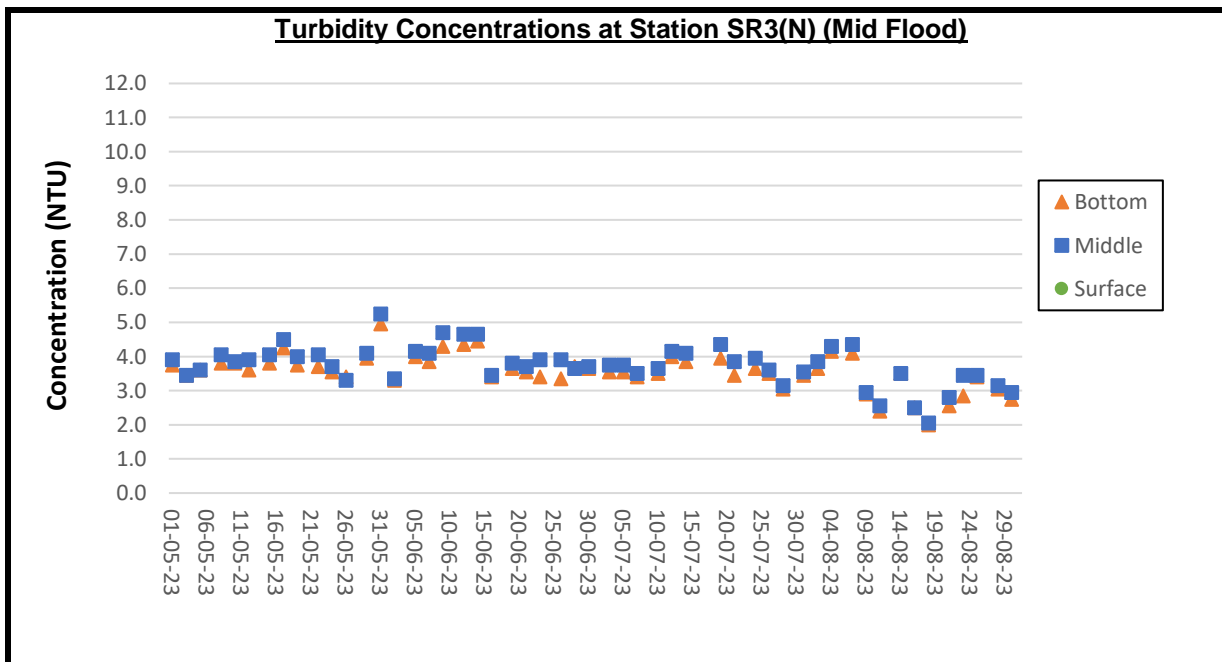
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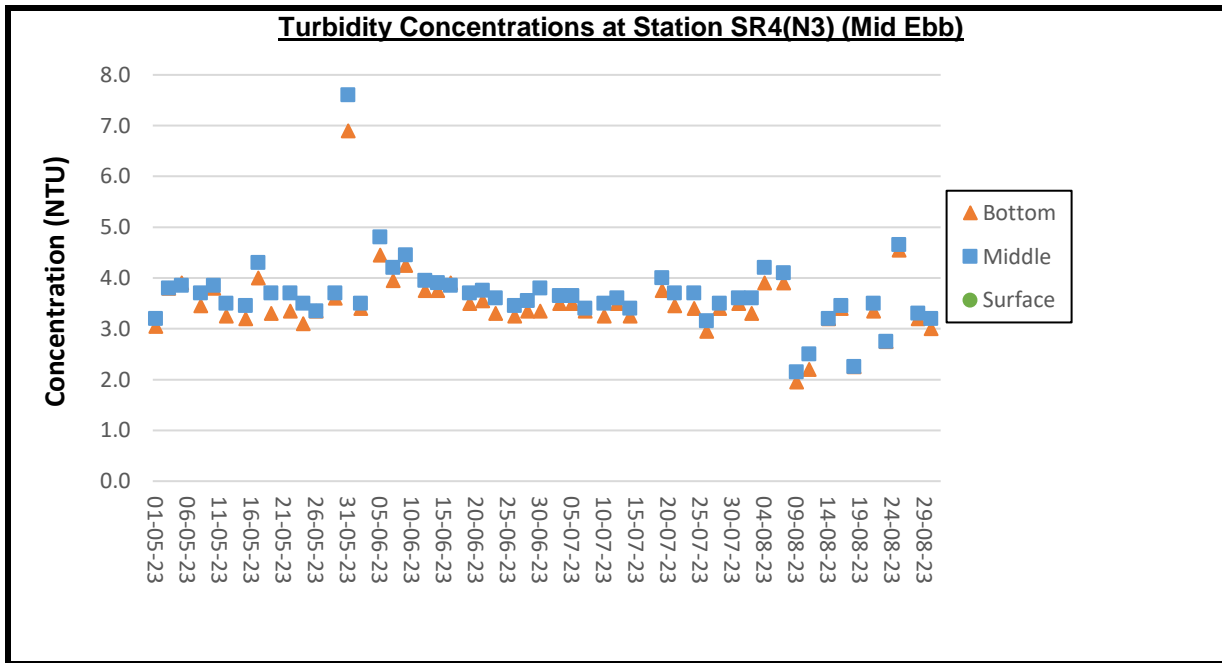
Remarks:

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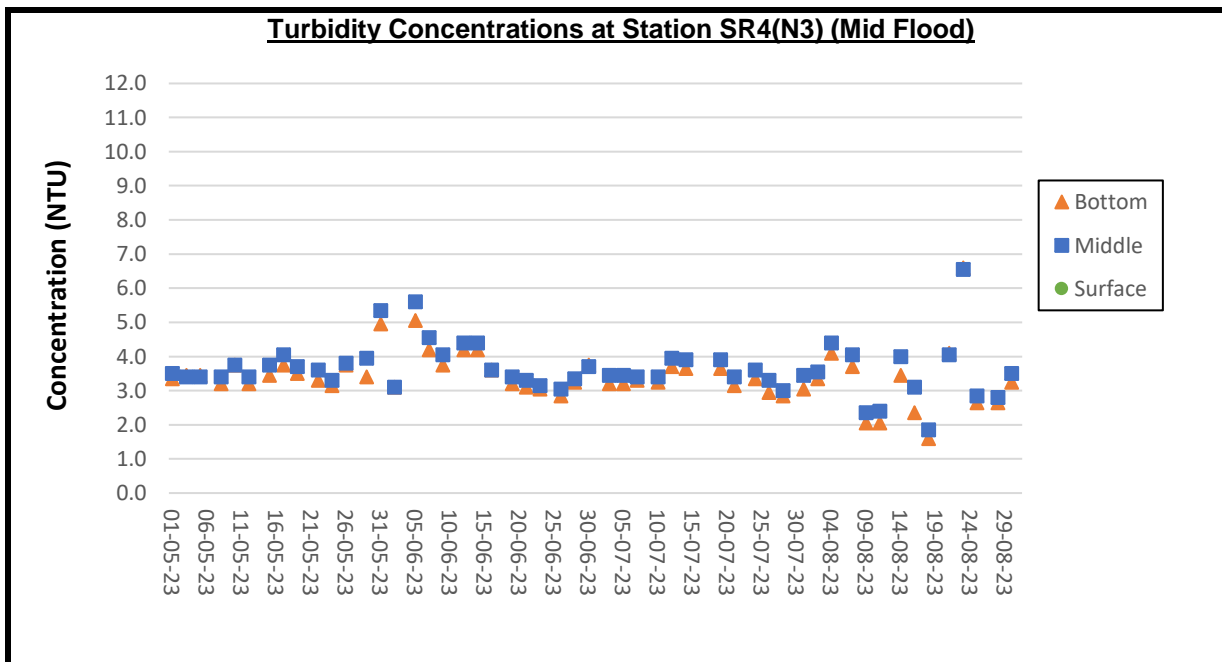
Remarks:

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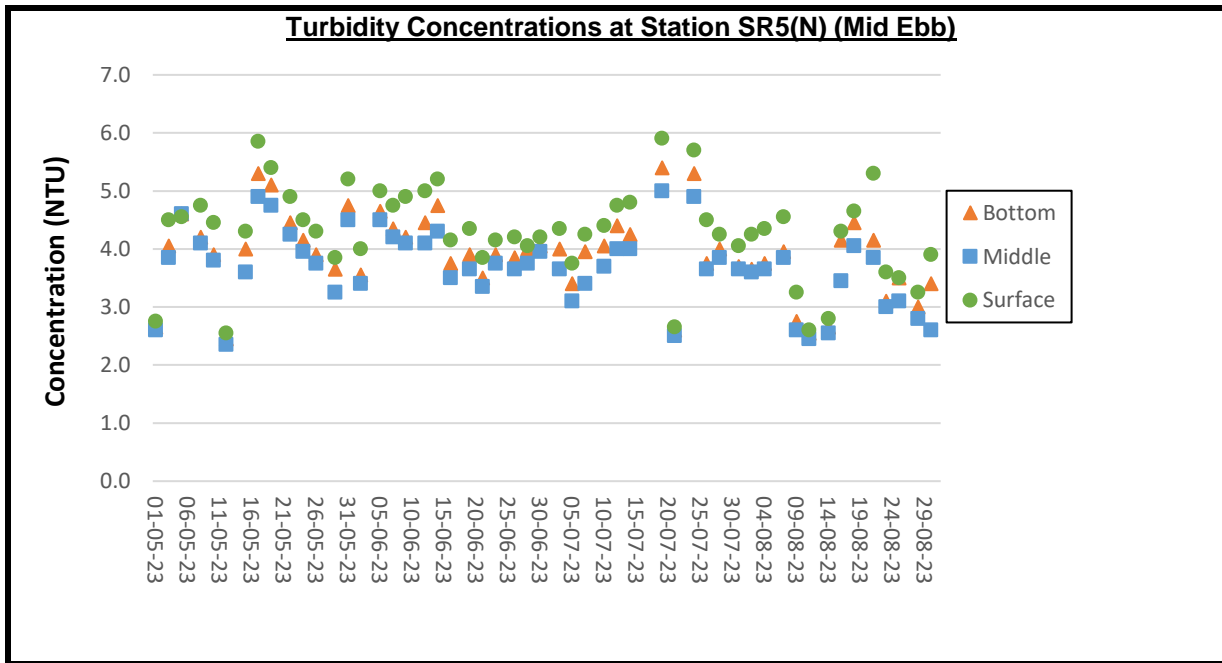
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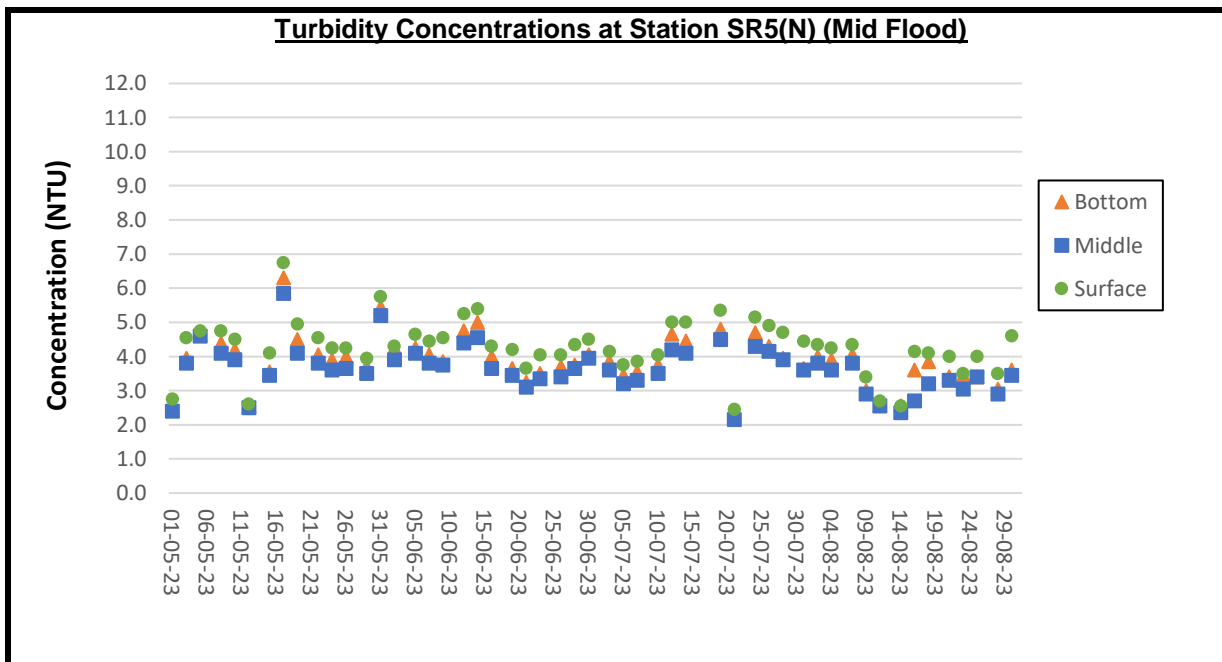
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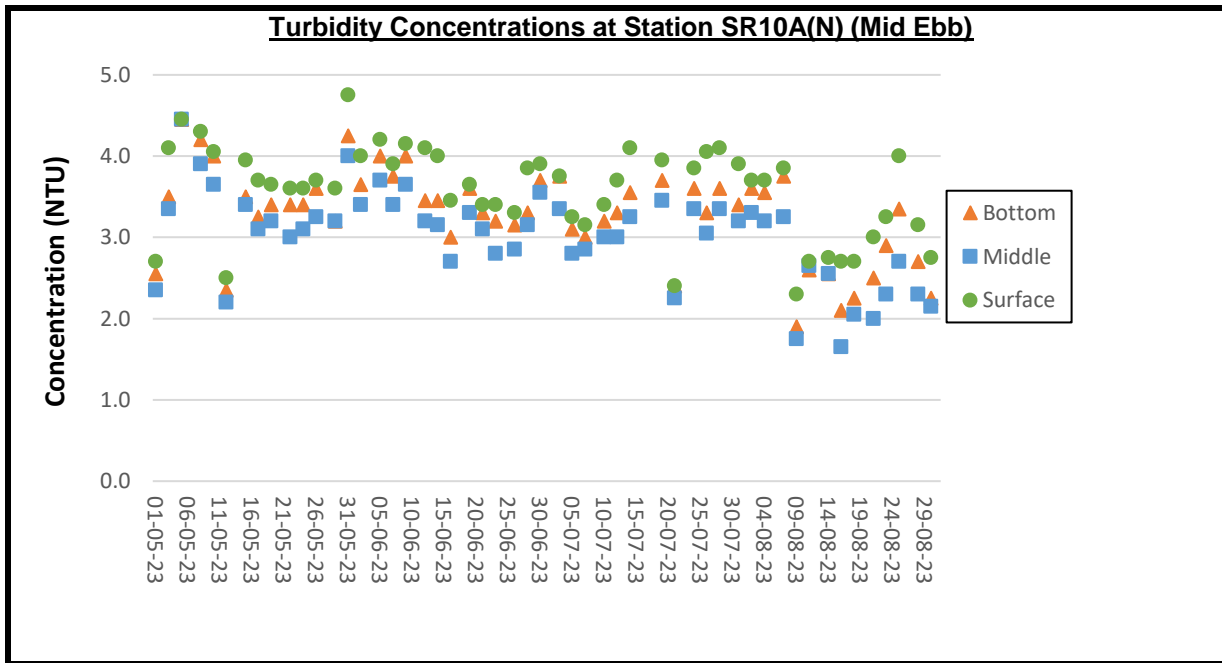
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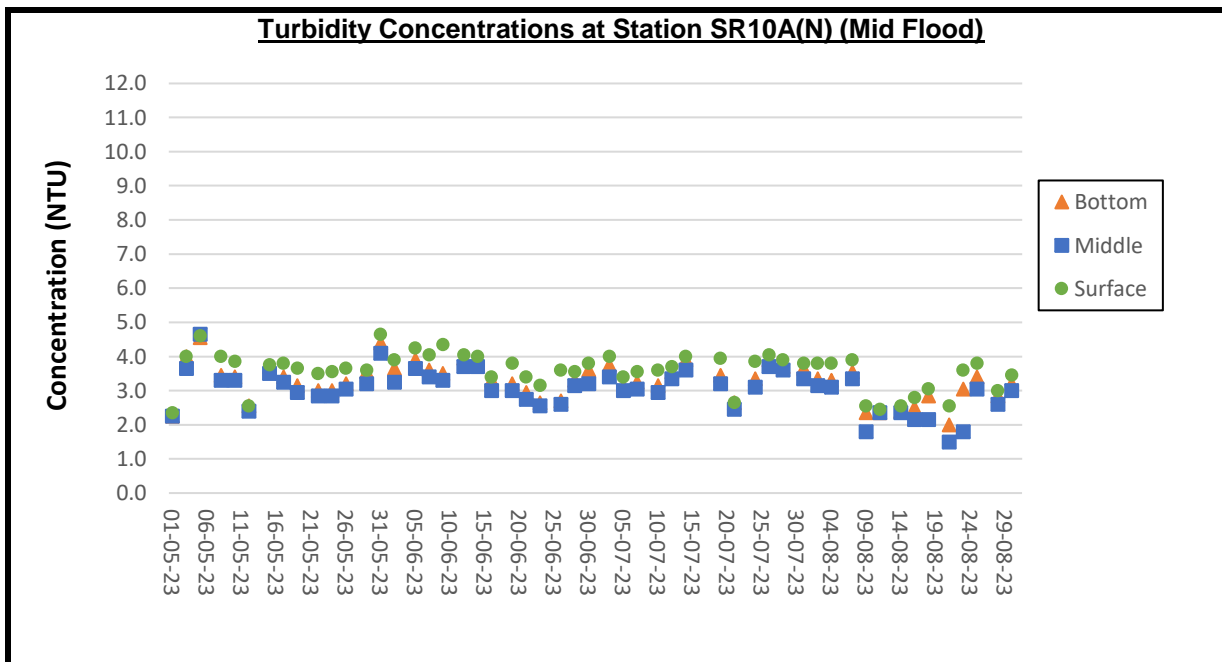
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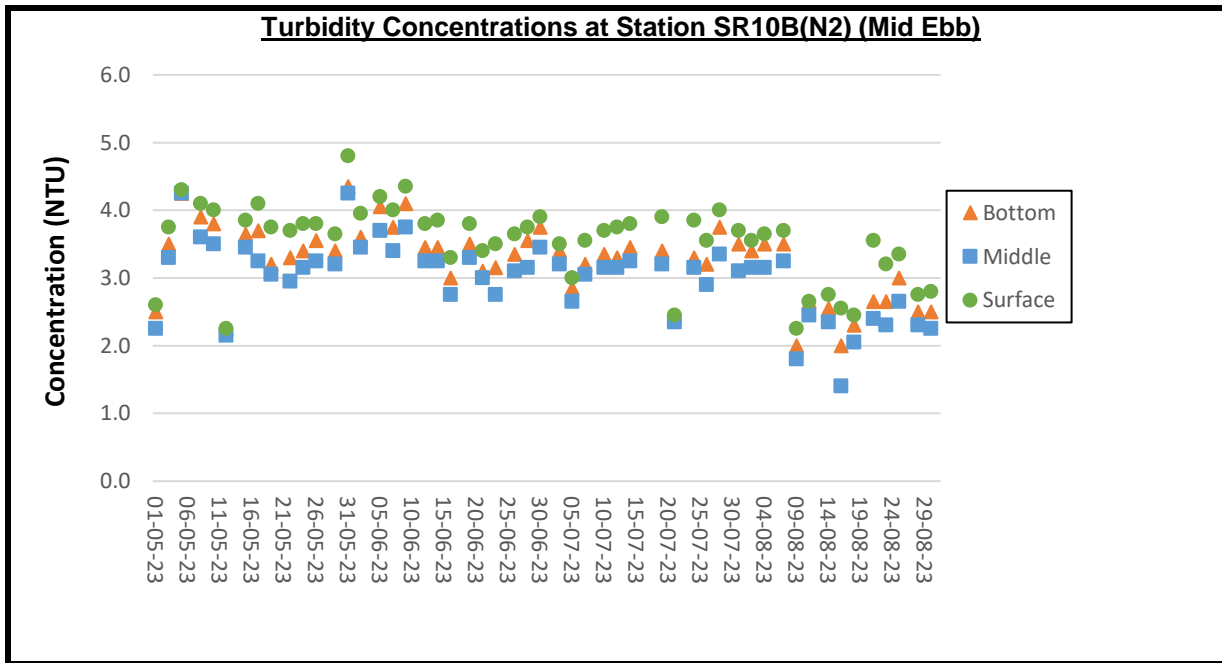
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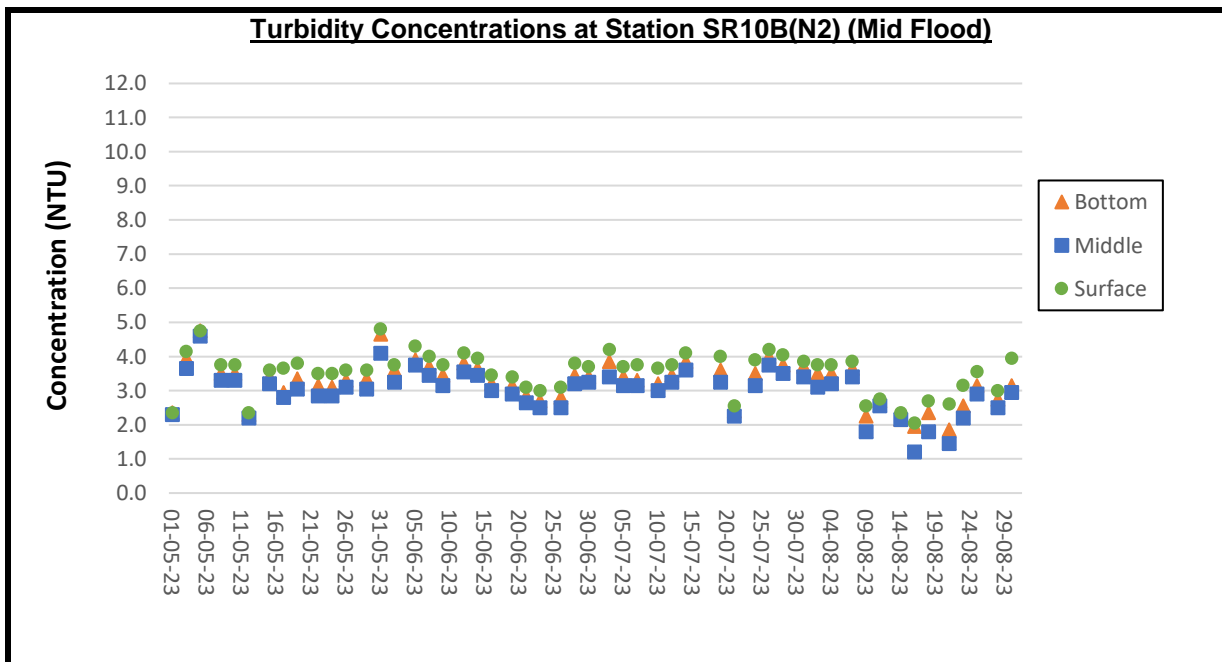
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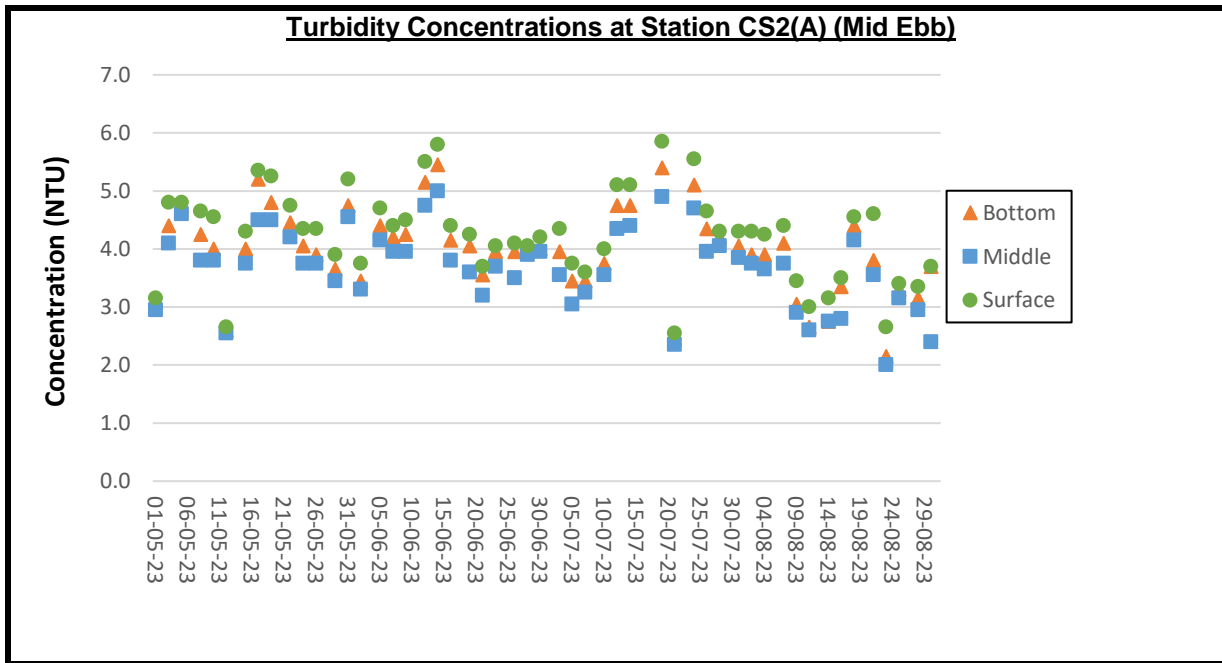
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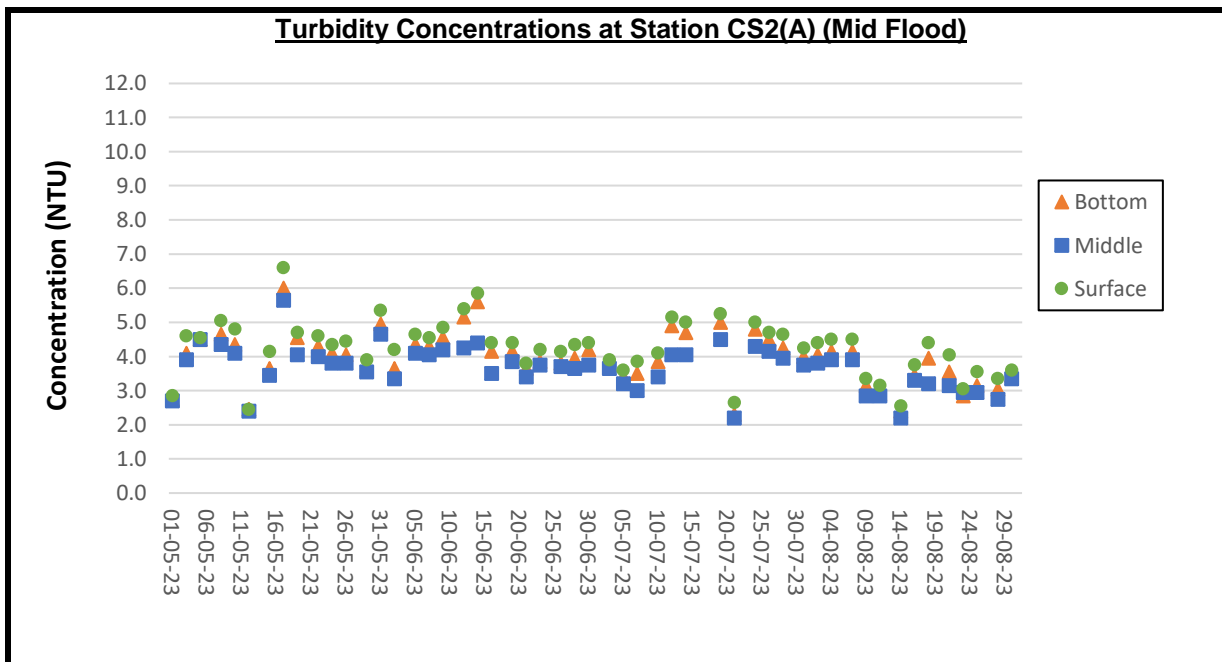
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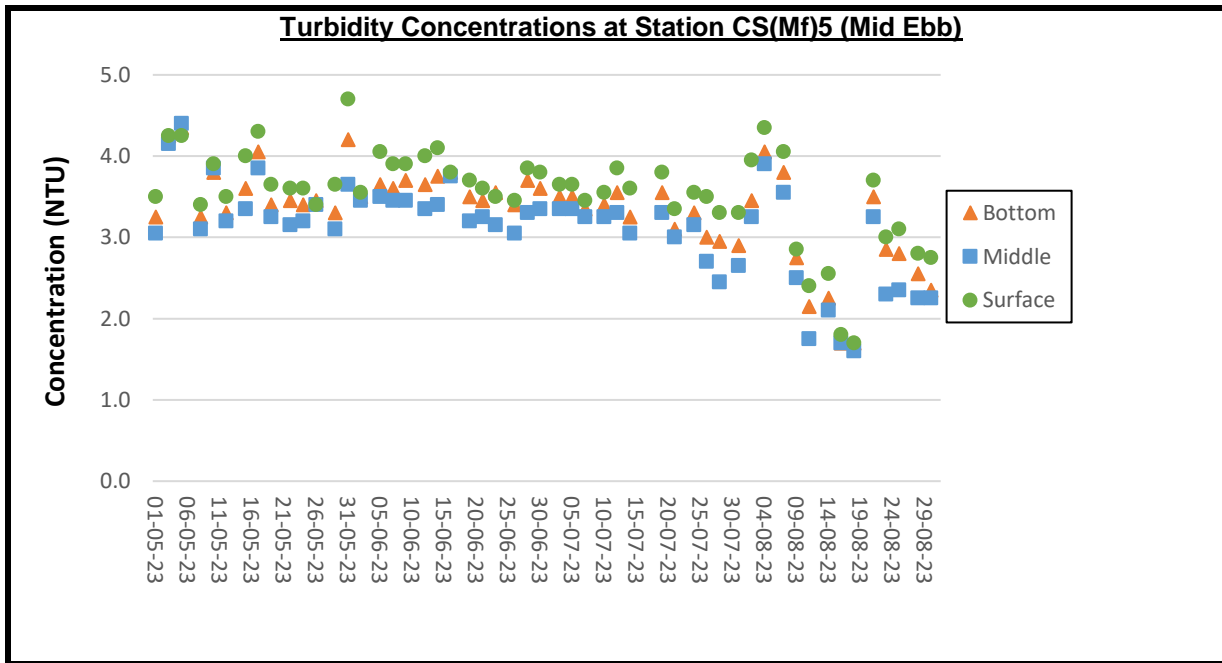
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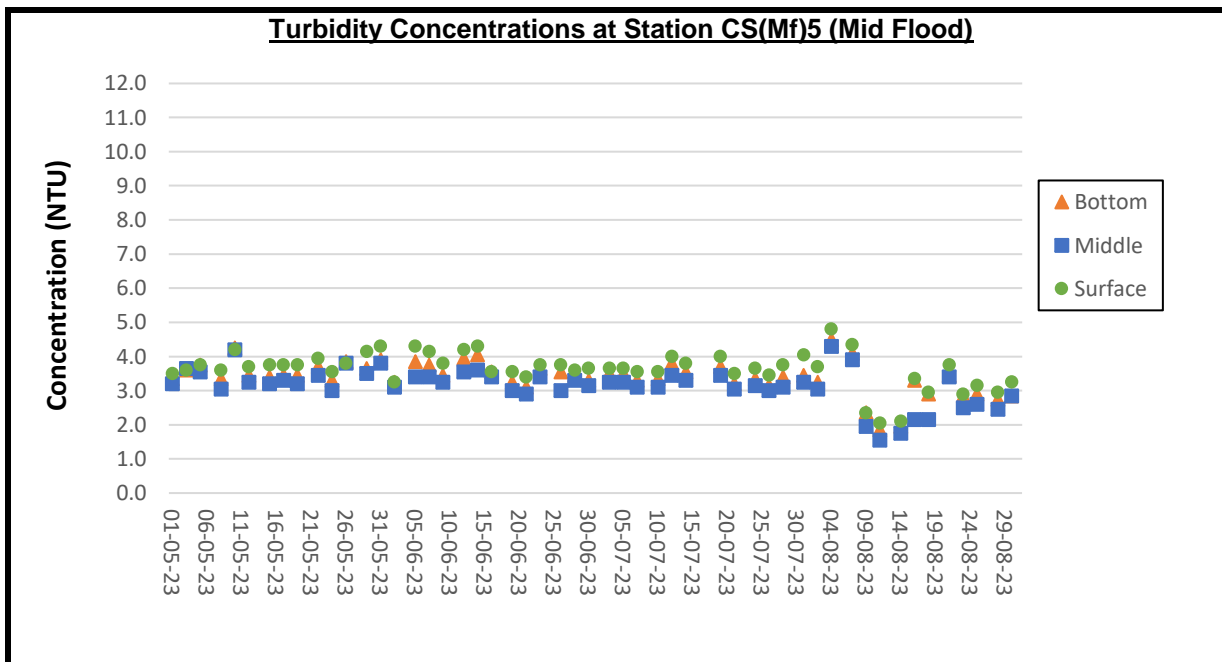
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