

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 | 2017-09-01        | Mid-Ebb | Fine              | IS5      | 10:02:41 | 1.0      | Surface | 1          | 1         | 28.68           | 8.24 | 19.77         | 86.5  | 6.07     | 8.7            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS5      | 10:02:01 | 1.0      | Surface | 1          | 2         | 28.60           | 8.20 | 19.86         | 82.9  | 5.75     | 8.5            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS5      | 10:02:26 | 4.3      | Middle  | 2          | 1         | 26.09           | 8.06 | 31.95         | 79.2  | 5.34     | 8.7            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS5      | 10:01:48 | 4.3      | Middle  | 2          | 2         | 26.37           | 8.06 | 31.40         | 79.8  | 5.38     | 8.6            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS5      | 10:02:16 | 7.6      | Bottom  | 3          | 1         | 26.04           | 8.06 | 32.54         | 73.8  | 4.99     | 8.8            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS5      | 10:01:37 | 7.6      | Bottom  | 3          | 2         | 26.03           | 8.06 | 32.65         | 74.4  | 5.03     | 8.5            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)6  | 9:53:20  | 1.0      | Surface | 1          | 1         | 28.31           | 8.15 | 20.66         | 89.9  | 6.15     | 3.8            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)6  | 9:53:34  | 1.0      | Surface | 1          | 2         | 28.31           | 8.15 | 20.10         | 89.3  | 6.22     | 3.8            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)6  | 9:53:27  | 2.2      | Bottom  | 3          | 1         | 28.16           | 8.12 | 24.70         | 89.2  | 6.07     | 3.9            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)6  | 9:53:10  | 2.2      | Bottom  | 3          | 2         | 27.82           | 8.11 | 24.82         | 88.6  | 6.15     | 3.8            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS7      | 9:45:15  | 1.0      | Surface | 1          | 1         | 28.83           | 8.12 | 19.53         | 84.6  | 5.86     | 6.2            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS7      | 9:44:59  | 1.0      | Surface | 1          | 2         | 28.65           | 8.09 | 19.68         | 81.6  | 5.59     | 6.3            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS7      | 9:45:06  | 2.3      | Bottom  | 3          | 1         | 27.52           | 8.06 | 25.86         | 82.7  | 5.65     | 6.4            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS7      | 9:44:50  | 2.3      | Bottom  | 3          | 2         | 27.39           | 8.04 | 25.93         | 79.8  | 5.54     | 6.5            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS8      | 9:14:21  | 1.0      | Surface | 1          | 1         | 28.28           | 8.13 | 20.50         | 92.1  | 6.31     | 6.7            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS8      | 9:15:02  | 1.0      | Surface | 1          | 2         | 28.60           | 8.11 | 20.71         | 89.9  | 6.21     | 6.7            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS8      | 9:14:11  | 2.7      | Bottom  | 3          | 1         | 27.72           | 8.05 | 24.83         | 79.9  | 5.54     | 7.0            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS8      | 9:14:44  | 2.7      | Bottom  | 3          | 2         | 27.63           | 8.03 | 26.77         | 83.7  | 5.68     | 6.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)9  | 9:34:55  | 1.0      | Surface | 1          | 1         | 28.84           | 8.13 | 18.82         | 84.2  | 5.85     | 5.3            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)9  | 9:34:27  | 1.0      | Surface | 1          | 2         | 28.81           | 8.05 | 20.45         | 79.7  | 5.49     | 5.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)9  | 9:34:19  | 2.8      | Bottom  | 3          | 1         | 27.43           | 8.00 | 25.36         | 79.1  | 5.43     | 7.6            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS(MF)9  | 9:34:45  | 2.8      | Bottom  | 3          | 2         | 27.47           | 8.01 | 25.52         | 79.6  | 5.46     | 7.3            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS10(N)  | 9:25:12  | 1.0      | Surface | 1          | 1         | 28.10           | 7.64 | 17.29         | 76.9  | 5.44     | 3.8            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS10(N)  | 9:26:21  | 1.0      | Surface | 1          | 2         | 28.09           | 7.64 | 17.24         | 77.1  | 5.47     | 4.0            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS10(N)  | 9:25:55  | 5.2      | Middle  | 2          | 1         | 26.46           | 7.55 | 28.85         | 75.4  | 5.17     | 5.1            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS10(N)  | 9:24:47  | 5.2      | Middle  | 2          | 2         | 26.46           | 7.55 | 28.75         | 76.6  | 5.24     | 5.2            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS10(N)  | 9:25:35  | 9.4      | Bottom  | 3          | 1         | 26.12           | 7.54 | 31.71         | 72.5  | 4.91     | 5.7            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | IS10(N)  | 9:24:21  | 9.4      | Bottom  | 3          | 2         | 26.12           | 7.52 | 31.63         | 72.9  | 4.94     | 5.5            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR3(N)   | 10:13:59 | 1.0      | Surface | 1          | 1         | 28.77           | 8.23 | 19.63         | 97.3  | 6.74     | 7.4            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR3(N)   | 10:13:43 | 1.0      | Surface | 1          | 2         | 28.71           | 8.21 | 19.38         | 95.5  | 6.58     | 7.5            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR3(N)   | 10:13:32 | 2.0      | Bottom  | 3          | 1         | 28.26           | 8.16 | 24.14         | 94.7  | 6.51     | 7.1            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR3(N)   | 10:13:49 | 2.0      | Bottom  | 3          | 2         | 28.51           | 8.16 | 24.34         | 95.9  | 6.50     | 7.7            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR4(N)   | 9:22:35  | 1.0      | Surface | 1          | 1         | 28.51           | 8.04 | 19.66         | 81.6  | 5.57     | 9.4            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR4(N)   | 9:22:53  | 1.0      | Surface | 1          | 2         | 28.39           | 8.03 | 20.87         | 76.3  | 5.28     | 9.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR4(N)   | 9:22:21  | 2.8      | Bottom  | 3          | 1         | 27.60           | 8.00 | 25.87         | 78.9  | 5.49     | 9.5            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR4(N)   | 9:22:43  | 2.8      | Bottom  | 3          | 2         | 27.91           | 7.97 | 25.25         | 76.2  | 5.19     | 9.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR5(N)   | 9:35:56  | 1.0      | Surface | 1          | 1         | 28.14           | 7.63 | 17.69         | 79.1  | 5.59     | 4.3            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR5(N)   | 9:34:43  | 1.0      | Surface | 1          | 2         | 28.13           | 7.62 | 17.75         | 79.9  | 5.65     | 4.1            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR5(N)   | 9:35:33  | 4.1      | Middle  | 2          | 1         | 26.55           | 7.58 | 27.22         | 77.1  | 5.31     | 6.5            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR5(N)   | 9:34:22  | 4.1      | Middle  | 2          | 2         | 26.51           | 7.56 | 27.28         | 76.3  | 5.26     | 6.2            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR5(N)   | 9:35:08  | 7.2      | Bottom  | 3          | 1         | 26.23           | 7.57 | 30.65         | 71.8  | 4.87     | 7.7            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR5(N)   | 9:33:57  | 7.2      | Bottom  | 3          | 2         | 26.25           | 7.55 | 30.59         | 72.2  | 4.90     | 7.5            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10A(N) | 8:10:56  | 1.0      | Surface | 1          | 1         | 27.86           | 7.51 | 18.03         | 86.0  | 6.11     | 2.5            | 2.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10A(N) | 8:09:53  | 1.0      | Surface | 1          | 2         | 27.83           | 7.50 | 18.05         | 87.2  | 6.20     | 2.3            | 2.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10A(N) | 8:10:44  | 6.7      | Middle  | 2          | 1         | 27.21           | 7.43 | 25.94         | 83.3  | 5.70     | 2.9            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10A(N) | 8:09:35  | 6.7      | Middle  | 2          | 2         | 27.24           | 7.39 | 25.98         | 81.9  | 5.62     | 2.8            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10A(N) | 8:09:10  | 12.4     | Bottom  | 3          | 1         | 25.88           | 7.32 | 35.30         | 82.0  | 5.46     | 3.7            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10A(N) | 8:10:12  | 12.4     | Bottom  | 3          | 2         | 25.90           | 7.34 | 35.24         | 80.6  | 5.37     | 3.4            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10B(N) | 8:21:39  | 1.0      | Surface | 1          | 1         | 27.57           | 7.58 | 20.48         | 87.3  | 6.14     | 2.9            | 2.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10B(N) | 8:22:20  | 1.0      | Surface | 1          | 2         | 27.54           | 7.59 | 20.55         | 86.2  | 6.06     | 2.9            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10B(N) | 8:21:22  | 4.0      | Bottom  | 3          | 1         | 27.05           | 7.52 | 25.13         | 86.2  | 5.96     | 3.4            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb | Fine              | SR10B(N) | 8:21:59  | 4.0      | Bottom  | 3          | 2         | 27.06           | 7.53 | 25.10         | 86.4  | 5.95     | 3.3            | 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 | 2017-09-01        | Mid-Ebb   | Fine              | CS2(A)  | 10:37:28 | 1.0      | Surface | 1          | 1         | 28.35           | 7.76 | 11.40         | 76.4  | 5.59     | 4.7            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS2(A)  | 10:36:13 | 1.0      | Surface | 1          | 2         | 28.33           | 7.75 | 11.47         | 78.5  | 5.70     | 4.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS2(A)  | 10:37:02 | 3.8      | Middle  | 2          | 1         | 26.49           | 7.75 | 27.34         | 77.8  | 5.28     | 5.3            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS2(A)  | 10:35:55 | 3.8      | Middle  | 2          | 2         | 26.57           | 7.72 | 27.27         | 76.0  | 5.24     | 5.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS2(A)  | 10:35:36 | 6.6      | Bottom  | 3          | 1         | 25.73           | 7.74 | 33.49         | 73.2  | 4.94     | 6.1            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS2(A)  | 10:36:41 | 6.6      | Bottom  | 3          | 2         | 25.70           | 7.76 | 33.53         | 72.4  | 4.88     | 6.2            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS(Mf)5 | 8:43:46  | 1.0      | Surface | 1          | 1         | 28.08           | 8.08 | 22.40         | 82.8  | 5.71     | 2.0            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS(Mf)5 | 8:44:25  | 1.0      | Surface | 1          | 2         | 27.84           | 8.10 | 21.84         | 80.8  | 5.62     | 1.8            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS(Mf)5 | 8:43:31  | 6.4      | Middle  | 2          | 1         | 26.97           | 8.04 | 30.60         | 78.3  | 5.18     | 4.0            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS(Mf)5 | 8:44:16  | 6.4      | Middle  | 2          | 2         | 27.01           | 8.05 | 29.69         | 79.3  | 5.26     | 3.9            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS(Mf)5 | 8:44:03  | 11.7     | Bottom  | 3          | 1         | 26.41           | 7.99 | 35.87         | 77.9  | 5.22     | 4.8            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Ebb   | Fine              | CS(Mf)5 | 8:43:17  | 11.7     | Bottom  | 3          | 2         | 26.18           | 7.98 | 37.44         | 77.1  | 5.13     | 4.9            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS5     | 16:30:04 | 1.0      | Surface | 1          | 1         | 28.74           | 8.29 | 20.14         | 88.7  | 6.13     | 10.5           | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS5     | 16:30:47 | 1.0      | Surface | 1          | 2         | 28.65           | 8.24 | 20.08         | 84.1  | 5.83     | 10.6           | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS5     | 16:30:35 | 4.4      | Middle  | 2          | 1         | 26.83           | 8.12 | 26.41         | 79.1  | 5.39     | 10.5           | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS5     | 16:29:51 | 4.4      | Middle  | 2          | 2         | 27.34           | 8.16 | 25.22         | 78.7  | 5.36     | 10.5           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS5     | 16:29:41 | 7.7      | Bottom  | 3          | 1         | 26.25           | 8.17 | 30.37         | 72.7  | 5.00     | 10.7           | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS5     | 16:30:26 | 7.7      | Bottom  | 3          | 2         | 26.25           | 8.12 | 30.29         | 73.8  | 5.09     | 10.6           | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)6 | 16:41:09 | 1.0      | Surface | 1          | 1         | 30.21           | 8.73 | 18.68         | 162.7 | 11.15    | 7.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)6 | 16:41:35 | 1.0      | Surface | 1          | 2         | 30.31           | 8.78 | 18.67         | 180.2 | 12.23    | 7.6            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)6 | 16:40:53 | 1.9      | Bottom  | 3          | 1         | 29.25           | 8.60 | 19.14         | 160.8 | 10.95    | 7.8            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)6 | 16:41:20 | 1.9      | Bottom  | 3          | 2         | 29.58           | 8.67 | 19.13         | 161.9 | 11.01    | 7.6            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS7     | 16:51:35 | 1.0      | Surface | 1          | 1         | 29.22           | 8.58 | 19.23         | 137.4 | 9.38     | 5.2            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS7     | 16:51:48 | 1.0      | Surface | 1          | 2         | 29.29           | 8.60 | 19.21         | 142.0 | 9.77     | 5.1            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS7     | 16:51:41 | 2.4      | Bottom  | 3          | 1         | 29.06           | 8.57 | 21.33         | 131.0 | 9.02     | 5.1            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS7     | 16:51:26 | 2.4      | Bottom  | 3          | 2         | 28.76           | 8.55 | 21.47         | 125.9 | 8.63     | 5.1            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS8     | 17:23:28 | 1.0      | Surface | 1          | 1         | 28.54           | 8.25 | 20.35         | 92.1  | 6.38     | 16.4           | 17.1     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS8     | 17:23:49 | 1.0      | Surface | 1          | 2         | 28.56           | 8.24 | 19.68         | 94.1  | 6.54     | 16.6           | 16.6     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS8     | 17:23:39 | 3.0      | Bottom  | 3          | 1         | 28.07           | 8.20 | 22.80         | 92.1  | 6.34     | 16.5           | 18.2     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS8     | 17:23:15 | 3.0      | Bottom  | 3          | 2         | 27.91           | 8.21 | 23.13         | 90.4  | 6.23     | 16.7           | 15.9     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)9 | 17:03:08 | 1.0      | Surface | 1          | 1         | 30.16           | 8.55 | 17.92         | 124.7 | 8.52     | 6.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)9 | 17:02:51 | 1.0      | Surface | 1          | 2         | 29.83           | 8.46 | 18.22         | 119.0 | 8.19     | 6.8            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)9 | 17:03:00 | 2.8      | Bottom  | 3          | 1         | 28.43           | 8.47 | 21.81         | 105.3 | 7.22     | 6.7            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS(Mf)9 | 17:02:43 | 2.8      | Bottom  | 3          | 2         | 28.19           | 8.41 | 22.37         | 102.8 | 7.08     | 6.7            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS10(N) | 17:02:14 | 1.0      | Surface | 1          | 1         | 28.41           | 7.85 | 19.56         | 85.3  | 5.94     | 4.5            | 2.6      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS10(N) | 17:03:29 | 1.0      | Surface | 1          | 2         | 28.36           | 7.85 | 19.50         | 84.3  | 5.87     | 4.6            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS10(N) | 17:03:05 | 5.3      | Middle  | 2          | 1         | 26.84           | 7.74 | 27.83         | 79.2  | 5.42     | 5.8            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS10(N) | 17:01:55 | 5.3      | Middle  | 2          | 2         | 26.82           | 7.75 | 27.83         | 79.8  | 5.46     | 5.7            | 3.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS10(N) | 17:01:30 | 9.6      | Bottom  | 3          | 1         | 26.37           | 7.73 | 30.87         | 73.8  | 5.00     | 6.5            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | IS10(N) | 17:02:38 | 9.6      | Bottom  | 3          | 2         | 26.38           | 7.72 | 30.88         | 74.7  | 5.05     | 6.6            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR3(N)  | 16:17:51 | 1.0      | Surface | 1          | 1         | 28.29           | 8.41 | 20.17         | 101.0 | 7.03     | 6.1            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR3(N)  | 16:17:32 | 1.0      | Surface | 1          | 2         | 28.25           | 8.45 | 19.83         | 98.8  | 6.90     | 5.9            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR3(N)  | 16:17:15 | 2.2      | Bottom  | 3          | 1         | 28.18           | 8.44 | 19.53         | 97.0  | 6.79     | 6.0            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR3(N)  | 16:17:40 | 2.2      | Bottom  | 3          | 2         | 28.18           | 8.44 | 20.03         | 99.1  | 6.92     | 6.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR4(N)  | 17:15:20 | 1.0      | Surface | 1          | 1         | 28.61           | 8.40 | 20.16         | 101.0 | 7.00     | 22.1           | 23.8     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR4(N)  | 17:15:37 | 1.0      | Surface | 1          | 2         | 28.43           | 8.31 | 21.02         | 101.2 | 6.97     | 22.5           | 22.7     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR4(N)  | 17:15:08 | 2.7      | Bottom  | 3          | 1         | 28.43           | 8.46 | 21.06         | 99.4  | 6.87     | 22.5           | 22.2     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR4(N)  | 17:15:27 | 2.7      | Bottom  | 3          | 2         | 28.44           | 8.35 | 21.72         | 99.7  | 6.89     | 22.4           | 22.9     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR5(N)  | 16:55:47 | 1.0      | Surface | 1          | 1         | 28.62           | 7.79 | 18.83         | 93.4  | 6.48     | 5.0            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR5(N)  | 16:54:35 | 1.0      | Surface | 1          | 2         | 28.65           | 7.82 | 18.76         | 93.7  | 6.54     | 4.8            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR5(N)  | 16:54:13 | 4.0      | Middle  | 2          | 1         | 27.48           | 7.71 | 24.13         | 78.0  | 5.39     | 5.9            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR5(N)  | 16:55:26 | 4.0      | Middle  | 2          | 2         | 27.43           | 7.70 | 24.18         | 77.8  | 5.35     | 5.8            | 4.7      |

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 | 2017-09-01        | Mid-Flood | Fine              | SR5(N)   | 16:55:00 | 7.0      | Bottom  | 3          | 1         | 26.61           | 7.69 | 29.36         | 77.4  | 5.27     | 6.9            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR5(N)   | 16:53:50 | 7.0      | Bottom  | 3          | 2         | 26.63           | 7.68 | 29.31         | 76.7  | 5.22     | 6.8            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10A(N) | 17:59:36 | 1.0      | Surface | 1          | 1         | 26.76           | 7.78 | 29.89         | 82.8  | 5.61     | 4.2            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10A(N) | 17:58:22 | 1.0      | Surface | 1          | 2         | 26.81           | 7.79 | 29.82         | 83.5  | 5.65     | 4.0            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10A(N) | 17:59:11 | 6.8      | Middle  | 2          | 1         | 26.48           | 7.76 | 31.57         | 79.1  | 5.33     | 4.9            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10A(N) | 17:58:01 | 6.8      | Middle  | 2          | 2         | 26.45           | 7.78 | 31.58         | 79.4  | 5.36     | 4.7            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10A(N) | 17:57:37 | 12.6     | Bottom  | 3          | 1         | 25.98           | 7.77 | 34.48         | 76.7  | 5.13     | 5.2            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10A(N) | 17:58:50 | 12.6     | Bottom  | 3          | 2         | 26.02           | 7.75 | 34.39         | 76.7  | 5.11     | 5.0            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10B(N) | 18:06:48 | 1.0      | Surface | 1          | 1         | 26.71           | 7.83 | 30.82         | 84.5  | 5.70     | 3.8            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10B(N) | 18:06:00 | 1.0      | Surface | 1          | 2         | 26.69           | 7.82 | 30.90         | 85.8  | 5.78     | 3.9            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10B(N) | 18:05:36 | 4.1      | Bottom  | 3          | 1         | 26.64           | 7.83 | 31.45         | 83.5  | 5.61     | 4.0            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | SR10B(N) | 18:06:31 | 4.1      | Bottom  | 3          | 2         | 26.65           | 7.83 | 31.47         | 84.2  | 5.66     | 4.0            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS2(A)   | 16:02:41 | 1.0      | Surface | 1          | 1         | 28.49           | 7.79 | 21.88         | 90.2  | 6.21     | 5.0            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS2(A)   | 16:01:37 | 1.0      | Surface | 1          | 2         | 28.54           | 7.75 | 21.85         | 91.3  | 6.27     | 4.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS2(A)   | 16:01:15 | 3.7      | Middle  | 2          | 1         | 25.98           | 7.68 | 31.99         | 81.9  | 5.55     | 5.9            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS2(A)   | 16:02:21 | 3.7      | Middle  | 2          | 2         | 25.94           | 7.67 | 32.08         | 81.5  | 5.52     | 5.8            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS2(A)   | 16:01:59 | 6.4      | Bottom  | 3          | 1         | 25.75           | 7.66 | 33.52         | 75.9  | 5.11     | 7.2            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS2(A)   | 16:00:50 | 6.4      | Bottom  | 3          | 2         | 25.75           | 7.63 | 33.56         | 75.3  | 5.08     | 7.0            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS(Mf)5  | 17:50:01 | 1.0      | Surface | 1          | 1         | 28.44           | 8.24 | 20.86         | 81.1  | 5.61     | 4.5            | 2.6      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS(Mf)5  | 17:49:23 | 1.0      | Surface | 1          | 2         | 28.26           | 8.24 | 23.13         | 80.5  | 5.52     | 4.5            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS(Mf)5  | 17:49:46 | 6.6      | Middle  | 2          | 1         | 26.22           | 8.17 | 32.65         | 78.1  | 5.21     | 4.5            | 2.1      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS(Mf)5  | 17:49:11 | 6.6      | Middle  | 2          | 2         | 26.22           | 8.18 | 33.02         | 81.8  | 5.45     | 4.5            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS(Mf)5  | 17:49:00 | 12.1     | Bottom  | 3          | 1         | 26.10           | 8.18 | 34.65         | 77.4  | 5.19     | 4.7            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-01        | Mid-Flood | Fine              | CS(Mf)5  | 17:49:37 | 12.1     | Bottom  | 3          | 2         | 26.17           | 8.15 | 34.33         | 75.2  | 5.05     | 4.6            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS5      | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS5      | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS5      | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS5      | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS5      | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS5      | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)6  | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)6  | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)6  | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)6  | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)6  | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)6  | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS7      | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS7      | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS7      | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS7      | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS7      | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS7      | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS8      | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS8      | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS8      | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS8      | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS8      | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS8      | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)9  | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)9  | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)9  | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)9  | -        | -        | Middle  | 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 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)9  | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS(Mf)9  | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS10(N)  | -        | -        | Surface | 1          | 1(N)      | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS10(N)  | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS10(N)  | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS10(N)  | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS10(N)  | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | IS10(N)  | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR3(N)   | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR3(N)   | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR3(N)   | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR3(N)   | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR3(N)   | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR3(N)   | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR4(N)   | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR4(N)   | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR4(N)   | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR4(N)   | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR4(N)   | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR4(N)   | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR5(N)   | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR5(N)   | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR5(N)   | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR5(N)   | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR5(N)   | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR5(N)   | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10A(N) | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10A(N) | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10A(N) | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10A(N) | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10A(N) | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10A(N) | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10B(N) | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10B(N) | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10B(N) | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10B(N) | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10B(N) | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | SR10B(N) | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS2(A)   | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS2(A)   | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS2(A)   | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS2(A)   | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS2(A)   | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS2(A)   | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS(Mf)5  | -        | -        | Surface | 1          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS(Mf)5  | -        | -        | Surface | 1          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS(Mf)5  | -        | -        | Middle  | 2          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS(Mf)5  | -        | -        | Middle  | 2          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS(Mf)5  | -        | -        | Bottom  | 3          | 1         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Ebb   | -                 | CS(Mf)5  | -        | -        | Bottom  | 3          | 2         | -               | -    | -             | -     | -        | -              | -        |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS5      | 17:47:18 | 1.0      | Surface | 1          | 1         | 27.57           | 8.11 | 22.55         | 83.5  | 5.81     | 11.0           | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS5      | 17:46:48 | 1.0      | Surface | 1          | 2         | 27.55           | 8.10 | 22.68         | 86.0  | 5.91     | 11.6           | 7.8      |

## 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 | 2017-09-04        | Mid-Flood | Rainy             | IS5      | 17:46:38 | 4.4      | Middle  | 2          | 1         | 27.46           | 8.07 | 23.22         | 82.7  | 5.75     | 11.1           | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS5      | 17:47:04 | 4.4      | Middle  | 2          | 2         | 27.45           | 8.08 | 23.74         | 83.4  | 5.73     | 11.2           | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS5      | 17:46:29 | 7.8      | Bottom  | 3          | 1         | 27.36           | 8.06 | 25.20         | 82.0  | 5.69     | 11.2           | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS5      | 17:46:57 | 7.8      | Bottom  | 3          | 2         | 27.49           | 8.08 | 24.98         | 81.6  | 5.65     | 11.1           | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)6  | 17:56:22 | 1.0      | Surface | 1          | 1         | 27.53           | 8.12 | 22.26         | 87.5  | 6.06     | 9.6            | 38.6     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)6  | 17:56:39 | 1.0      | Surface | 1          | 2         | 27.54           | 8.15 | 22.33         | 87.9  | 6.12     | 9.7            | 42.2     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)6  | 17:56:27 | 2.1      | Bottom  | 3          | 1         | 27.54           | 8.12 | 23.22         | 86.6  | 6.00     | 9.7            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)6  | 17:56:10 | 2.1      | Bottom  | 3          | 2         | 27.48           | 8.08 | 23.71         | 85.2  | 5.94     | 9.5            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS7      | 18:06:40 | 1.0      | Surface | 1          | 1         | 27.57           | 8.16 | 21.93         | 90.5  | 6.27     | 8.5            | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS7      | 18:06:54 | 1.0      | Surface | 1          | 2         | 27.55           | 8.16 | 21.91         | 89.7  | 6.21     | 8.3            | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS7      | 18:06:26 | 2.2      | Bottom  | 3          | 1         | 27.51           | 8.13 | 23.54         | 89.1  | 6.22     | 8.9            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS7      | 18:06:47 | 2.2      | Bottom  | 3          | 2         | 27.54           | 8.15 | 23.54         | 88.2  | 6.16     | 8.9            | 11.5     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS8      | 18:37:59 | 1.0      | Surface | 1          | 1         | 27.51           | 8.12 | 21.69         | 92.6  | 6.47     | 12.1           | 15.9     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS8      | 18:38:10 | 1.0      | Surface | 1          | 2         | 27.52           | 8.11 | 21.74         | 88.1  | 6.16     | 12.3           | 15.5     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS8      | 18:38:04 | 2.6      | Bottom  | 3          | 1         | 27.52           | 8.11 | 21.78         | 87.3  | 6.10     | 12.4           | 14.2     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS8      | 18:37:47 | 2.6      | Bottom  | 3          | 2         | 27.53           | 8.13 | 21.86         | 89.1  | 6.23     | 12.1           | 14.6     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)9  | 18:17:34 | 1.0      | Surface | 1          | 1         | 27.56           | 8.17 | 22.00         | 94.9  | 6.60     | 9.5            | 17.6     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)9  | 18:17:50 | 1.0      | Surface | 1          | 2         | 27.55           | 8.17 | 21.97         | 92.7  | 6.46     | 9.8            | 18.4     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)9  | 18:17:40 | 2.8      | Bottom  | 3          | 1         | 27.58           | 8.17 | 22.31         | 92.5  | 6.46     | 9.6            | 17.2     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS(MF)9  | 18:17:17 | 2.8      | Bottom  | 3          | 2         | 27.56           | 8.16 | 22.68         | 92.7  | 6.47     | 9.5            | 18.2     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS10(N)  | 18:27:34 | 1.0      | Surface | 1          | 1         | 27.64           | 7.92 | 19.30         | 83.7  | 5.92     | 8.2            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS10(N)  | 18:28:19 | 1.0      | Surface | 1          | 2         | 27.66           | 7.91 | 19.07         | 83.0  | 5.88     | 7.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS10(N)  | 18:27:21 | 3.8      | Middle  | 2          | 1         | 27.45           | 7.91 | 21.95         | 82.6  | 5.78     | 9.0            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS10(N)  | 18:28:06 | 3.8      | Middle  | 2          | 2         | 27.48           | 7.93 | 21.67         | 82.8  | 5.80     | 8.5            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS10(N)  | 18:27:50 | 6.6      | Bottom  | 3          | 1         | 27.39           | 7.91 | 23.36         | 82.1  | 5.70     | 10.3           | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | IS10(N)  | 18:27:10 | 6.6      | Bottom  | 3          | 2         | 27.43           | 7.88 | 23.31         | 81.9  | 5.68     | 9.7            | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR3(N)   | 17:38:20 | 1.0      | Surface | 1          | 1         | 27.58           | 8.07 | 24.27         | 87.7  | 6.00     | 8.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR3(N)   | 17:37:58 | 1.0      | Surface | 1          | 2         | 27.59           | 8.03 | 24.82         | 89.7  | 6.08     | 8.8            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR3(N)   | 17:38:10 | 2.5      | Bottom  | 3          | 1         | 27.58           | 8.05 | 25.93         | 87.1  | 5.98     | 8.7            | 13.0     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR3(N)   | 17:37:37 | 2.5      | Bottom  | 3          | 2         | 27.56           | 8.02 | 27.32         | 86.3  | 5.93     | 8.6            | 13.4     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR4(N)   | 18:29:58 | 1.0      | Surface | 1          | 1         | 27.57           | 8.14 | 21.84         | 97.5  | 6.81     | 8.9            | 18.5     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR4(N)   | 18:30:16 | 1.0      | Surface | 1          | 2         | 27.57           | 8.13 | 21.92         | 90.1  | 6.29     | 9.3            | 18.8     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR4(N)   | 18:29:46 | 2.6      | Bottom  | 3          | 1         | 27.55           | 8.17 | 21.80         | 92.5  | 6.46     | 9.1            | 18.2     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR4(N)   | 18:30:07 | 2.6      | Bottom  | 3          | 2         | 27.57           | 8.13 | 21.87         | 88.8  | 6.20     | 9.2            | 19.5     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR5(N)   | 18:17:57 | 1.0      | Surface | 1          | 1         | 27.66           | 7.90 | 19.30         | 84.1  | 5.95     | 7.3            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR5(N)   | 18:18:32 | 1.0      | Surface | 1          | 2         | 27.67           | 7.88 | 19.34         | 82.9  | 5.86     | 7.5            | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR5(N)   | 18:17:43 | 3.2      | Middle  | 2          | 1         | 27.47           | 7.95 | 21.49         | 85.2  | 5.97     | 7.8            | 11.3     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR5(N)   | 18:18:19 | 3.2      | Middle  | 2          | 2         | 27.52           | 7.90 | 21.18         | 83.7  | 5.87     | 7.4            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR5(N)   | 18:18:10 | 5.3      | Bottom  | 3          | 1         | 27.50           | 7.89 | 21.80         | 82.9  | 5.80     | 8.6            | 11.6     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR5(N)   | 18:17:34 | 5.3      | Bottom  | 3          | 2         | 27.41           | 7.93 | 23.28         | 85.6  | 5.94     | 8.5            | 12.3     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10A(N) | 19:23:07 | 1.0      | Surface | 1          | 1         | 27.06           | 7.96 | 26.46         | 81.5  | 5.56     | 7.1            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10A(N) | 19:23:45 | 1.0      | Surface | 1          | 2         | 27.06           | 7.95 | 26.45         | 85.8  | 5.84     | 6.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10A(N) | 19:22:46 | 4.4      | Middle  | 2          | 1         | 26.92           | 7.98 | 28.03         | 76.7  | 5.22     | 7.6            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10A(N) | 19:23:27 | 4.4      | Middle  | 2          | 2         | 26.96           | 7.94 | 27.60         | 75.9  | 5.21     | 7.4            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10A(N) | 19:22:41 | 7.8      | Bottom  | 3          | 1         | 26.90           | 8.01 | 28.43         | 77.8  | 5.34     | 8.1            | 10.8     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10A(N) | 19:23:18 | 7.8      | Bottom  | 3          | 2         | 26.98           | 7.94 | 28.05         | 75.4  | 5.15     | 7.8            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10B(N) | 19:33:29 | 1.0      | Surface | 1          | 1         | 27.03           | 7.94 | 26.64         | 75.8  | 5.20     | 7.2            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10B(N) | 19:33:54 | 1.0      | Surface | 1          | 2         | 27.05           | 7.94 | 26.48         | 76.0  | 5.22     | 6.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10B(N) | 19:33:40 | 4.4      | Bottom  | 3          | 1         | 26.98           | 7.93 | 27.30         | 75.5  | 5.16     | 7.6            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | SR10B(N) | 19:33:21 | 4.4      | Bottom  | 3          | 2         | 26.99           | 7.94 | 27.25         | 75.8  | 5.19     | 7.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS2(A)   | 17:24:22 | 1.0      | Surface | 1          | 1         | 27.56           | 7.78 | 18.92         | 80.8  | 5.74     | 14.4           | 14.7     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS2(A)   | 17:23:51 | 1.0      | Surface | 1          | 2         | 27.61           | 7.75 | 18.88         | 84.9  | 5.95     | 14.8           | 16.2     |

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 | 2017-09-04        | Mid-Flood | Rainy             | CS2(A)  | 17:24:15 | 2.9      | Middle  | 2          | 1         | 27.52           | 7.76 | 20.97         | 80.8  | 5.67     | 16.0           | 15.7     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS2(A)  | 17:23:40 | 2.9      | Middle  | 2          | 2         | 27.51           | 7.74 | 21.14         | 82.6  | 5.80     | 16.5           | 15.6     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS2(A)  | 17:24:04 | 4.7      | Bottom  | 3          | 1         | 27.53           | 7.74 | 21.16         | 81.0  | 5.68     | 17.1           | 18.5     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS2(A)  | 17:23:29 | 4.7      | Bottom  | 3          | 2         | 27.50           | 7.74 | 21.19         | 82.0  | 5.81     | 17.4           | 19.4     |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS(Mf)5 | 19:05:01 | 1.0      | Surface | 1          | 1         | 27.49           | 8.14 | 21.58         | 86.5  | 5.86     | 4.7            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS(Mf)5 | 19:05:38 | 1.0      | Surface | 1          | 2         | 27.48           | 8.13 | 21.59         | 78.3  | 5.44     | 4.8            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS(Mf)5 | 19:04:45 | 6.3      | Middle  | 2          | 1         | 27.08           | 8.12 | 26.47         | 80.0  | 5.61     | 7.2            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS(Mf)5 | 19:05:24 | 6.3      | Middle  | 2          | 2         | 27.01           | 8.10 | 26.52         | 77.1  | 5.27     | 7.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS(Mf)5 | 19:05:15 | 11.6     | Bottom  | 3          | 1         | 26.99           | 8.07 | 29.13         | 75.2  | 5.16     | 7.2            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-04        | Mid-Flood | Rainy             | CS(Mf)5 | 19:04:32 | 11.6     | Bottom  | 3          | 2         | 26.94           | 8.10 | 29.25         | 79.5  | 5.45     | 7.2            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS5     | 11:57:24 | 1.0      | Surface | 1          | 1         | 28.23           | 8.05 | 21.46         | 75.4  | 5.20     | 13.5           | 15.6     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS5     | 11:57:56 | 1.0      | Surface | 1          | 2         | 28.15           | 8.04 | 21.83         | 74.9  | 5.18     | 13.4           | 14.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS5     | 11:57:10 | 4.2      | Middle  | 2          | 1         | 27.96           | 8.07 | 21.73         | 79.0  | 5.47     | 13.3           | 16.0     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS5     | 11:57:46 | 4.2      | Middle  | 2          | 2         | 27.96           | 8.04 | 22.09         | 74.6  | 5.17     | 13.4           | 15.6     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS5     | 11:57:00 | 7.4      | Bottom  | 3          | 1         | 27.86           | 8.08 | 22.53         | 77.1  | 5.36     | 13.5           | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS5     | 11:57:35 | 7.4      | Bottom  | 3          | 2         | 27.90           | 8.04 | 23.07         | 76.8  | 5.31     | 13.6           | 14.9     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)6 | 12:07:56 | 1.0      | Surface | 1          | 1         | 28.24           | 8.06 | 21.73         | 76.6  | 5.28     | 10.4           | 10.8     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)6 | 12:08:11 | 1.0      | Surface | 1          | 2         | 28.19           | 8.04 | 22.10         | 79.1  | 5.46     | 10.4           | 9.3      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)6 | 12:08:02 | 2.2      | Bottom  | 3          | 1         | 28.14           | 8.05 | 22.16         | 77.7  | 5.37     | 10.6           | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)6 | 12:07:46 | 2.2      | Bottom  | 3          | 2         | 28.02           | 8.08 | 22.19         | 81.7  | 5.65     | 10.5           | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS7     | 12:17:48 | 1.0      | Surface | 1          | 1         | 28.05           | 8.05 | 22.43         | 82.0  | 5.66     | 7.8            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS7     | 12:18:02 | 1.0      | Surface | 1          | 2         | 27.98           | 8.03 | 22.53         | 74.9  | 5.17     | 7.5            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS7     | 12:17:55 | 2.4      | Bottom  | 3          | 1         | 27.99           | 8.04 | 22.62         | 73.9  | 5.10     | 7.7            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS7     | 12:17:32 | 2.4      | Bottom  | 3          | 2         | 28.01           | 8.09 | 22.70         | 76.5  | 5.28     | 7.7            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS8     | 12:46:55 | 1.0      | Surface | 1          | 1         | 28.56           | 8.02 | 22.11         | 78.9  | 5.40     | 6.1            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS8     | 12:46:38 | 1.0      | Surface | 1          | 2         | 28.49           | 8.02 | 22.25         | 82.5  | 5.66     | 6.3            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS8     | 12:46:46 | 2.9      | Bottom  | 3          | 1         | 28.33           | 8.02 | 23.14         | 78.4  | 5.38     | 6.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS8     | 12:46:30 | 2.9      | Bottom  | 3          | 2         | 28.29           | 8.03 | 22.98         | 80.6  | 5.53     | 6.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)9 | 12:27:22 | 1.0      | Surface | 1          | 1         | 28.08           | 8.06 | 21.56         | 81.4  | 5.63     | 8.4            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)9 | 12:27:40 | 1.0      | Surface | 1          | 2         | 28.16           | 8.04 | 21.54         | 76.0  | 5.26     | 8.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)9 | 12:27:31 | 2.6      | Bottom  | 3          | 1         | 27.97           | 8.04 | 22.17         | 75.3  | 5.21     | 8.4            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS(Mf)9 | 12:27:09 | 2.6      | Bottom  | 3          | 2         | 27.93           | 8.07 | 22.48         | 76.6  | 5.31     | 8.5            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS10(N) | 12:27:11 | 1.0      | Surface | 1          | 1         | 28.26           | 7.64 | 19.73         | 81.2  | 5.65     | 8.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS10(N) | 12:27:33 | 1.0      | Surface | 1          | 2         | 28.11           | 7.63 | 20.13         | 81.8  | 5.69     | 8.9            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS10(N) | 12:27:25 | 5.3      | Middle  | 2          | 1         | 27.90           | 7.62 | 21.38         | 78.8  | 5.51     | 9.2            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS10(N) | 12:27:02 | 5.3      | Middle  | 2          | 2         | 28.10           | 7.67 | 20.73         | 77.4  | 5.33     | 9.1            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS10(N) | 12:27:19 | 9.6      | Bottom  | 3          | 1         | 28.19           | 7.61 | 22.54         | 76.2  | 5.32     | 9.5            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | IS10(N) | 12:26:53 | 9.6      | Bottom  | 3          | 2         | 28.02           | 7.71 | 21.43         | 76.4  | 5.32     | 9.4            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR3(N)  | 11:47:12 | 1.0      | Surface | 1          | 1         | 28.16           | 8.26 | 18.74         | 80.1  | 5.65     | 11.4           | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR3(N)  | 11:47:29 | 1.0      | Surface | 1          | 2         | 28.20           | 8.25 | 18.97         | 76.7  | 5.40     | 11.3           | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR3(N)  | 11:47:18 | 2.3      | Bottom  | 3          | 1         | 28.07           | 8.25 | 18.94         | 76.1  | 5.34     | 11.5           | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR3(N)  | 11:46:57 | 2.3      | Bottom  | 3          | 2         | 28.07           | 8.23 | 18.61         | 77.6  | 5.46     | 11.3           | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR4(N)  | 12:39:36 | 1.0      | Surface | 1          | 1         | 28.02           | 8.03 | 20.93         | 80.2  | 5.59     | 9.1            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR4(N)  | 12:40:21 | 1.0      | Surface | 1          | 2         | 27.99           | 7.97 | 21.45         | 86.2  | 5.98     | 9.2            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR4(N)  | 12:39:51 | 2.7      | Bottom  | 3          | 1         | 28.00           | 8.00 | 21.45         | 71.4  | 4.96     | 8.8            | 14.5     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR4(N)  | 12:39:27 | 2.7      | Bottom  | 3          | 2         | 28.01           | 8.05 | 21.61         | 75.1  | 5.22     | 9.1            | 15.6     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR5(N)  | 12:18:20 | 1.0      | Surface | 1          | 1         | 27.97           | 7.67 | 20.66         | 78.1  | 5.45     | 6.8            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR5(N)  | 12:18:57 | 1.0      | Surface | 1          | 2         | 27.94           | 7.63 | 20.74         | 78.8  | 5.44     | 6.9            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR5(N)  | 12:18:06 | 4.2      | Middle  | 2          | 1         | 27.97           | 7.76 | 20.72         | 75.6  | 5.28     | 7.2            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR5(N)  | 12:18:50 | 4.2      | Middle  | 2          | 2         | 27.85           | 7.64 | 21.34         | 75.2  | 5.23     | 7.1            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR5(N)  | 12:17:59 | 7.3      | Bottom  | 3          | 1         | 27.99           | 7.82 | 20.63         | 74.0  | 5.17     | 7.6            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR5(N)  | 12:18:39 | 7.3      | Bottom  | 3          | 2         | 27.83           | 7.64 | 21.58         | 74.0  | 5.15     | 7.5            | 10.4     |

## 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 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10A(N) | 13:13:15 | 1.0      | Surface | 1          | 1         | 27.96           | 7.73 | 23.28         | 82.6  | 5.69     | 4.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10A(N) | 13:12:52 | 1.0      | Surface | 1          | 2         | 27.95           | 7.84 | 23.34         | 82.0  | 5.64     | 4.1            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10A(N) | 13:12:47 | 7.0      | Middle  | 2          | 1         | 27.94           | 7.89 | 23.37         | 78.9  | 5.43     | 4.3            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10A(N) | 13:13:06 | 7.0      | Middle  | 2          | 2         | 27.95           | 7.76 | 23.34         | 80.7  | 5.55     | 4.2            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10A(N) | 13:13:00 | 12.9     | Bottom  | 3          | 1         | 27.95           | 7.79 | 23.35         | 77.7  | 5.35     | 4.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10A(N) | 13:12:37 | 12.9     | Bottom  | 3          | 2         | 27.93           | 7.87 | 23.41         | 78.0  | 5.37     | 4.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10B(N) | 13:22:40 | 1.0      | Surface | 1          | 1         | 27.99           | 7.70 | 23.25         | 81.4  | 5.60     | 4.7            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10B(N) | 13:22:57 | 1.0      | Surface | 1          | 2         | 27.99           | 7.64 | 23.24         | 81.9  | 5.63     | 4.6            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10B(N) | 13:22:30 | 4.2      | Bottom  | 3          | 1         | 28.02           | 7.77 | 23.29         | 78.8  | 5.42     | 5.0            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | SR10B(N) | 13:22:49 | 4.2      | Bottom  | 3          | 2         | 27.99           | 7.66 | 23.25         | 77.7  | 5.35     | 4.9            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS2(A)   | 11:20:58 | 1.0      | Surface | 1          | 1         | 27.61           | 7.50 | 22.90         | 78.8  | 5.26     | 7.3            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS2(A)   | 11:21:45 | 1.0      | Surface | 1          | 2         | 27.87           | 7.55 | 22.62         | 78.4  | 5.24     | 7.2            | 9.3      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS2(A)   | 11:20:43 | 3.9      | Middle  | 2          | 1         | 27.03           | 7.44 | 30.38         | 75.9  | 5.15     | 7.4            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS2(A)   | 11:21:25 | 3.9      | Middle  | 2          | 2         | 27.08           | 7.53 | 29.78         | 76.1  | 5.12     | 7.6            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS2(A)   | 11:20:34 | 6.7      | Bottom  | 3          | 1         | 27.03           | 7.39 | 31.64         | 75.2  | 5.05     | 7.9            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS2(A)   | 11:21:11 | 6.7      | Bottom  | 3          | 2         | 27.16           | 7.48 | 31.67         | 75.5  | 5.09     | 7.8            | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS(Mf)5  | 13:18:53 | 1.0      | Surface | 1          | 1         | 28.45           | 8.09 | 20.51         | 77.2  | 5.27     | 7.7            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS(Mf)5  | 13:18:15 | 1.0      | Surface | 1          | 2         | 28.18           | 8.12 | 20.81         | 74.7  | 5.19     | 7.9            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS(Mf)5  | 13:18:39 | 6.1      | Middle  | 2          | 1         | 27.48           | 8.07 | 25.62         | 73.7  | 5.11     | 8.4            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS(Mf)5  | 13:18:01 | 6.1      | Middle  | 2          | 2         | 27.39           | 8.13 | 25.26         | 74.1  | 5.09     | 8.5            | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS(Mf)5  | 13:18:27 | 11.2     | Bottom  | 3          | 1         | 27.51           | 8.06 | 27.51         | 73.2  | 4.96     | 8.6            | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Ebb   | Cloudy            | CS(Mf)5  | 13:17:49 | 11.2     | Bottom  | 3          | 2         | 27.29           | 8.14 | 26.84         | 71.4  | 4.89     | 8.5            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS5      | 7:01:11  | 1.0      | Surface | 1          | 1         | 27.92           | 8.04 | 21.05         | 80.8  | 5.62     | 6.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS5      | 7:01:35  | 1.0      | Surface | 1          | 2         | 27.90           | 8.03 | 21.15         | 76.4  | 5.31     | 6.3            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS5      | 7:00:57  | 4.4      | Middle  | 2          | 1         | 27.89           | 8.04 | 21.28         | 78.3  | 5.46     | 6.4            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS5      | 7:01:27  | 4.4      | Middle  | 2          | 2         | 27.88           | 8.03 | 21.41         | 75.5  | 5.26     | 6.6            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS5      | 7:01:20  | 7.7      | Bottom  | 3          | 1         | 27.89           | 8.03 | 21.51         | 75.4  | 5.26     | 6.5            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS5      | 7:00:48  | 7.7      | Bottom  | 3          | 2         | 27.83           | 8.04 | 21.77         | 77.2  | 5.38     | 6.6            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)6  | 6:52:55  | 1.0      | Surface | 1          | 1         | 27.81           | 8.04 | 21.01         | 84.7  | 5.91     | 4.4            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)6  | 6:53:09  | 1.0      | Surface | 1          | 2         | 27.82           | 8.04 | 21.03         | 80.9  | 5.65     | 4.2            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)6  | 6:52:46  | 2.4      | Bottom  | 3          | 1         | 27.82           | 8.05 | 21.08         | 82.2  | 5.74     | 4.4            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)6  | 6:53:01  | 2.4      | Bottom  | 3          | 2         | 27.82           | 8.04 | 21.15         | 79.4  | 5.55     | 4.4            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS7      | 6:45:28  | 1.0      | Surface | 1          | 1         | 27.80           | 8.04 | 20.64         | 81.3  | 5.69     | 3.9            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS7      | 6:45:13  | 1.0      | Surface | 1          | 2         | 27.80           | 8.05 | 20.53         | 84.5  | 5.90     | 3.9            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS7      | 6:45:04  | 2.3      | Bottom  | 3          | 1         | 27.85           | 8.05 | 20.93         | 82.3  | 5.77     | 3.9            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS7      | 6:45:20  | 2.3      | Bottom  | 3          | 2         | 27.83           | 8.04 | 20.86         | 80.6  | 5.64     | 3.9            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS8      | 6:12:09  | 1.0      | Surface | 1          | 1         | 27.87           | 8.03 | 19.78         | 87.3  | 6.11     | 8.1            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS8      | 6:12:34  | 1.0      | Surface | 1          | 2         | 27.88           | 8.01 | 19.79         | 80.0  | 5.60     | 8.4            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS8      | 6:12:19  | 3.0      | Bottom  | 3          | 1         | 27.84           | 8.01 | 20.52         | 78.2  | 5.49     | 8.4            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS8      | 6:11:56  | 3.0      | Bottom  | 3          | 2         | 27.81           | 8.04 | 20.59         | 82.3  | 5.78     | 8.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)9  | 6:35:48  | 1.0      | Surface | 1          | 1         | 27.78           | 8.02 | 21.29         | 79.0  | 5.52     | 10.1           | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)9  | 6:36:06  | 1.0      | Surface | 1          | 2         | 27.78           | 8.02 | 20.77         | 84.8  | 5.91     | 10.5           | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)9  | 6:35:27  | 2.9      | Bottom  | 3          | 1         | 27.75           | 8.03 | 21.68         | 76.8  | 5.38     | 10.2           | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS(Mf)9  | 6:35:56  | 2.9      | Bottom  | 3          | 2         | 27.77           | 8.02 | 21.20         | 77.7  | 5.43     | 10.5           | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS10(N)  | 6:17:11  | 1.0      | Surface | 1          | 1         | 27.57           | 7.51 | 21.70         | 75.3  | 5.26     | 8.2            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS10(N)  | 6:16:43  | 1.0      | Surface | 1          | 2         | 27.57           | 7.53 | 21.94         | 74.9  | 5.22     | 8.1            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS10(N)  | 6:16:31  | 5.4      | Middle  | 2          | 1         | 27.52           | 7.55 | 22.21         | 75.1  | 5.19     | 8.3            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS10(N)  | 6:17:00  | 5.4      | Middle  | 2          | 2         | 27.50           | 7.51 | 22.12         | 75.0  | 5.23     | 8.3            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS10(N)  | 6:16:53  | 9.7      | Bottom  | 3          | 1         | 27.50           | 7.51 | 23.95         | 74.5  | 5.20     | 8.6            | 10.8     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | IS10(N)  | 6:16:20  | 9.7      | Bottom  | 3          | 2         | 27.40           | 7.59 | 24.02         | 74.1  | 5.18     | 8.5            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR3(N)   | 7:09:07  | 1.0      | Surface | 1          | 1         | 27.88           | 8.04 | 21.42         | 77.5  | 5.39     | 10.4           | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR3(N)   | 7:08:50  | 1.0      | Surface | 1          | 2         | 27.87           | 8.05 | 21.51         | 83.0  | 5.77     | 10.1           | 9.9      |

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 | 2017-09-06        | Mid-Flood | Cloudy            | SR3(N)   | 7:08:57  | 2.7      | Bottom  | 3          | 1         | 27.85           | 8.05 | 21.66         | 76.2  | 5.31     | 10.4           | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR3(N)   | 7:08:39  | 2.7      | Bottom  | 3          | 2         | 27.85           | 8.06 | 21.69         | 79.2  | 5.51     | 10.3           | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR4(N)   | 6:24:06  | 1.0      | Surface | 1          | 1         | 27.85           | 8.00 | 19.72         | 90.4  | 6.36     | 8.3            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR4(N)   | 6:19:26  | 1.0      | Surface | 1          | 2         | 27.82           | 8.01 | 20.05         | 86.9  | 6.11     | 8.4            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR4(N)   | 6:23:43  | 2.7      | Bottom  | 3          | 1         | 27.83           | 8.02 | 19.74         | 80.4  | 5.66     | 8.2            | 14.9     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR4(N)   | 6:19:15  | 2.7      | Bottom  | 3          | 2         | 27.83           | 8.02 | 19.86         | 81.7  | 5.74     | 8.0            | 16.0     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR5(N)   | 6:28:17  | 1.0      | Surface | 1          | 1         | 27.62           | 7.52 | 21.85         | 78.5  | 5.44     | 9.1            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR5(N)   | 6:27:48  | 1.0      | Surface | 1          | 2         | 27.63           | 7.54 | 21.77         | 78.4  | 5.46     | 9.2            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR5(N)   | 6:27:34  | 4.2      | Middle  | 2          | 1         | 27.58           | 7.55 | 22.26         | 76.2  | 5.31     | 9.4            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR5(N)   | 6:28:06  | 4.2      | Middle  | 2          | 2         | 27.59           | 7.52 | 22.10         | 76.5  | 5.34     | 9.6            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR5(N)   | 6:27:21  | 7.4      | Bottom  | 3          | 1         | 27.52           | 7.59 | 22.91         | 74.9  | 5.23     | 9.7            | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR5(N)   | 6:27:56  | 7.4      | Bottom  | 3          | 2         | 27.60           | 7.52 | 22.23         | 75.0  | 5.23     | 9.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10A(N) | 5:22:05  | 1.0      | Surface | 1          | 1         | 27.64           | 7.43 | 21.36         | 76.4  | 5.35     | 3.9            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10A(N) | 5:22:34  | 1.0      | Surface | 1          | 2         | 27.63           | 7.44 | 21.43         | 76.6  | 5.34     | 4.0            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10A(N) | 5:21:54  | 7        | Middle  | 2          | 1         | 27.61           | 7.43 | 21.92         | 76.2  | 5.30     | 4.2            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10A(N) | 5:22:26  | 7        | Middle  | 2          | 2         | 27.61           | 7.43 | 21.96         | 76.4  | 5.34     | 4.1            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10A(N) | 5:21:45  | 12.9     | Bottom  | 3          | 1         | 27.60           | 7.45 | 22.24         | 75.9  | 5.29     | 4.4            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10A(N) | 5:22:16  | 12.9     | Bottom  | 3          | 2         | 27.61           | 7.42 | 22.27         | 76.0  | 5.30     | 4.2            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10B(N) | 5:16:19  | 1.0      | Surface | 1          | 1         | 27.62           | 7.43 | 21.20         | 76.5  | 5.34     | 4.2            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10B(N) | 5:16:01  | 1.0      | Surface | 1          | 2         | 27.64           | 7.43 | 21.41         | 76.7  | 5.34     | 4.2            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10B(N) | 5:15:48  | 4.4      | Bottom  | 3          | 1         | 27.60           | 7.49 | 22.14         | 76.3  | 5.34     | 4.6            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | SR10B(N) | 5:16:09  | 4.4      | Bottom  | 3          | 2         | 27.63           | 7.42 | 21.75         | 76.0  | 5.32     | 4.5            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS2(A)   | 7:28:51  | 1.0      | Surface | 1          | 1         | 28.06           | 7.43 | 16.86         | 74.7  | 5.31     | 5.3            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS2(A)   | 7:28:14  | 1.0      | Surface | 1          | 2         | 28.06           | 7.48 | 17.06         | 74.7  | 5.30     | 5.2            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS2(A)   | 7:28:42  | 3.9      | Middle  | 2          | 1         | 28.01           | 7.44 | 17.62         | 73.9  | 5.26     | 5.6            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS2(A)   | 7:28:03  | 3.9      | Middle  | 2          | 2         | 27.98           | 7.55 | 17.72         | 73.0  | 5.17     | 5.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS2(A)   | 7:27:53  | 6.7      | Bottom  | 3          | 1         | 27.91           | 7.62 | 19.04         | 72.9  | 5.17     | 5.9            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS2(A)   | 7:28:33  | 6.7      | Bottom  | 3          | 2         | 27.99           | 7.46 | 17.93         | 72.7  | 5.17     | 5.7            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS(Mf)5  | 5:46:57  | 1.0      | Surface | 1          | 1         | 27.94           | 7.99 | 20.40         | 75.3  | 5.24     | 7.8            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS(Mf)5  | 5:47:40  | 1.0      | Surface | 1          | 2         | 27.93           | 8.01 | 20.10         | 74.5  | 5.22     | 7.9            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS(Mf)5  | 5:46:38  | 6.3      | Middle  | 2          | 1         | 27.47           | 7.99 | 24.78         | 74.9  | 5.08     | 8.6            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS(Mf)5  | 5:47:25  | 6.3      | Middle  | 2          | 2         | 27.59           | 7.99 | 24.00         | 73.6  | 5.05     | 8.7            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS(Mf)5  | 5:46:13  | 11.5     | Bottom  | 3          | 1         | 27.11           | 7.99 | 29.48         | 73.6  | 5.06     | 8.8            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-06        | Mid-Flood | Cloudy            | CS(Mf)5  | 5:47:11  | 11.5     | Bottom  | 3          | 2         | 27.31           | 7.93 | 28.41         | 73.2  | 4.97     | 8.5            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS5      | 13:19:54 | 1.0      | Surface | 1          | 1         | 28.32           | 8.18 | 22.70         | 84.8  | 6.00     | 10.9           | 13.7     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS5      | 13:20:32 | 1.0      | Surface | 1          | 2         | 28.27           | 8.15 | 22.98         | 82.2  | 5.88     | 11.0           | 14.1     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS5      | 13:19:40 | 4.2      | Middle  | 2          | 1         | 28.27           | 8.18 | 22.71         | 81.4  | 5.76     | 10.7           | 15.7     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS5      | 13:20:19 | 4.2      | Middle  | 2          | 2         | 28.24           | 8.16 | 23.00         | 80.7  | 5.71     | 10.8           | 14.4     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS5      | 13:19:33 | 7.4      | Bottom  | 3          | 1         | 28.30           | 8.19 | 22.57         | 80.0  | 5.67     | 12.6           | 16.0     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS5      | 13:20:12 | 7.4      | Bottom  | 3          | 2         | 28.24           | 8.16 | 22.99         | 78.8  | 5.53     | 12.7           | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)6  | 13:32:05 | 1.0      | Surface | 1          | 1         | 28.33           | 8.15 | 22.66         | 84.1  | 5.95     | 8.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)6  | 13:32:25 | 1.0      | Surface | 1          | 2         | 28.42           | 8.12 | 22.62         | 87.3  | 6.17     | 8.0            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)6  | 13:32:13 | 2.4      | Bottom  | 3          | 1         | 28.30           | 8.13 | 22.94         | 81.8  | 5.78     | 11.7           | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)6  | 13:31:58 | 2.4      | Bottom  | 3          | 2         | 28.28           | 8.17 | 22.92         | 80.3  | 5.68     | 12.0           | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS7      | 13:44:31 | 1.0      | Surface | 1          | 1         | 28.34           | 8.12 | 22.59         | 82.4  | 5.83     | 6.1            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS7      | 13:44:15 | 1.0      | Surface | 1          | 2         | 28.22           | 8.15 | 22.82         | 85.2  | 6.03     | 6.3            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS7      | 13:44:07 | 2.5      | Bottom  | 3          | 1         | 28.16           | 8.15 | 23.34         | 80.6  | 5.71     | 7.2            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS7      | 13:44:23 | 2.5      | Bottom  | 3          | 2         | 28.22           | 8.13 | 22.93         | 79.3  | 5.67     | 7.0            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS8      | 14:14:55 | 1.0      | Surface | 1          | 1         | 28.49           | 8.11 | 21.46         | 77.7  | 5.53     | 6.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS8      | 14:14:40 | 1.0      | Surface | 1          | 2         | 28.41           | 8.12 | 21.56         | 77.4  | 5.51     | 6.9            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS8      | 14:14:48 | 3.0      | Bottom  | 3          | 1         | 28.41           | 8.11 | 21.72         | 77.4  | 5.51     | 6.8            | 11.5     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS8      | 14:14:33 | 3.0      | Bottom  | 3          | 2         | 28.34           | 8.12 | 21.81         | 77.3  | 5.50     | 6.5            | 12.5     |



## 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 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)9  | 13:57:01 | 1.0      | Surface | 1          | 1         | 28.49           | 8.17 | 20.15         | 86.4  | 6.17     | 6.7            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)9  | 13:57:21 | 1.0      | Surface | 1          | 2         | 28.37           | 8.15 | 20.61         | 83.6  | 5.98     | 6.6            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)9  | 13:57:09 | 2.6      | Bottom  | 3          | 1         | 28.35           | 8.16 | 20.49         | 80.2  | 5.69     | 6.7            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS(Mf)9  | 13:56:51 | 2.6      | Bottom  | 3          | 2         | 28.36           | 8.16 | 20.03         | 81.2  | 5.80     | 6.7            | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS10(N)  | 13:31:24 | 1.0      | Surface | 1          | 1         | 28.42           | 7.72 | 22.08         | 73.4  | 5.11     | 10.0           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS10(N)  | 13:30:44 | 1.0      | Surface | 1          | 2         | 28.37           | 7.72 | 22.08         | 73.2  | 5.09     | 10.1           | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS10(N)  | 13:31:11 | 5.5      | Middle  | 2          | 1         | 28.12           | 7.74 | 22.95         | 72.6  | 5.04     | 10.4           | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS10(N)  | 13:30:29 | 5.5      | Middle  | 2          | 2         | 27.92           | 7.73 | 24.46         | 72.5  | 5.02     | 10.5           | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS10(N)  | 13:30:57 | 10.0     | Bottom  | 3          | 1         | 27.97           | 7.72 | 24.81         | 72.4  | 4.98     | 10.8           | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | IS10(N)  | 13:30:10 | 10.0     | Bottom  | 3          | 2         | 27.96           | 7.74 | 24.74         | 72.0  | 4.93     | 10.7           | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR3(N)   | 13:06:29 | 1.0      | Surface | 1          | 1         | 28.35           | 8.21 | 19.77         | 86.7  | 6.21     | 11.4           | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR3(N)   | 13:06:46 | 1.0      | Surface | 1          | 2         | 28.34           | 8.20 | 20.15         | 88.3  | 6.33     | 11.1           | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR3(N)   | 13:06:24 | 2.6      | Bottom  | 3          | 1         | 28.32           | 8.20 | 19.69         | 82.7  | 5.93     | 11.6           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR3(N)   | 13:06:41 | 2.6      | Bottom  | 3          | 2         | 28.32           | 8.20 | 20.09         | 83.8  | 6.00     | 11.5           | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR4(N)   | 14:06:48 | 1.0      | Surface | 1          | 1         | 28.36           | 8.14 | 21.13         | 78.5  | 5.60     | 6.4            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR4(N)   | 14:07:08 | 1.0      | Surface | 1          | 2         | 28.38           | 8.13 | 21.32         | 77.8  | 5.55     | 6.9            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR4(N)   | 14:06:59 | 3.0      | Bottom  | 3          | 1         | 28.35           | 8.13 | 21.36         | 78.0  | 5.56     | 7.1            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR4(N)   | 14:06:39 | 3.0      | Bottom  | 3          | 2         | 28.33           | 8.15 | 21.17         | 78.7  | 5.62     | 6.7            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR5(N)   | 13:22:38 | 1.0      | Surface | 1          | 1         | 28.68           | 7.75 | 20.82         | 75.8  | 5.24     | 8.2            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR5(N)   | 13:21:52 | 1.0      | Surface | 1          | 2         | 28.41           | 7.79 | 21.31         | 75.6  | 5.22     | 8.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR5(N)   | 13:21:37 | 4.3      | Middle  | 2          | 1         | 28.13           | 7.84 | 23.04         | 75.2  | 5.16     | 8.4            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR5(N)   | 13:22:24 | 4.3      | Middle  | 2          | 2         | 28.12           | 7.79 | 23.08         | 75.3  | 5.18     | 8.5            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR5(N)   | 13:21:24 | 7.5      | Bottom  | 3          | 1         | 28.07           | 7.87 | 24.13         | 73.0  | 5.03     | 8.7            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR5(N)   | 13:22:09 | 7.5      | Bottom  | 3          | 2         | 28.01           | 7.76 | 24.56         | 73.5  | 5.08     | 8.6            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10A(N) | 14:14:13 | 1.0      | Surface | 1          | 1         | 28.13           | 7.77 | 24.91         | 76.9  | 5.22     | 4.0            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10A(N) | 14:13:54 | 1.0      | Surface | 1          | 2         | 28.31           | 7.81 | 24.54         | 77.1  | 5.24     | 4.1            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10A(N) | 14:13:42 | 6.9      | Middle  | 2          | 1         | 28.19           | 7.86 | 24.76         | 74.8  | 5.08     | 4.3            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10A(N) | 14:14:08 | 6.9      | Middle  | 2          | 2         | 28.11           | 7.78 | 25.06         | 75.4  | 5.13     | 4.2            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10A(N) | 14:14:01 | 12.8     | Bottom  | 3          | 1         | 28.23           | 7.79 | 24.86         | 73.7  | 5.01     | 4.6            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10A(N) | 14:13:30 | 12.8     | Bottom  | 3          | 2         | 28.11           | 7.95 | 25.24         | 73.3  | 4.99     | 4.5            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10B(N) | 14:22:16 | 1.0      | Surface | 1          | 1         | 28.14           | 7.68 | 25.55         | 76.5  | 5.19     | 5.4            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10B(N) | 14:21:51 | 1.0      | Surface | 1          | 2         | 28.13           | 7.70 | 25.61         | 76.9  | 5.21     | 5.3            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10B(N) | 14:22:02 | 4.1      | Bottom  | 3          | 1         | 28.12           | 7.69 | 25.64         | 73.4  | 4.97     | 5.6            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | SR10B(N) | 14:21:41 | 4.1      | Bottom  | 3          | 2         | 28.11           | 7.72 | 25.67         | 75.0  | 5.08     | 5.6            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS2(A)   | 12:31:38 | 1.0      | Surface | 1          | 1         | 27.97           | 7.75 | 26.15         | 74.7  | 5.19     | 8.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS2(A)   | 12:30:43 | 1.0      | Surface | 1          | 2         | 28.03           | 7.75 | 26.06         | 74.8  | 5.21     | 8.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS2(A)   | 12:31:22 | 4.0      | Middle  | 2          | 1         | 27.63           | 7.75 | 28.65         | 74.4  | 5.14     | 8.3            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS2(A)   | 12:30:29 | 4.0      | Middle  | 2          | 2         | 27.66           | 7.75 | 28.50         | 74.6  | 5.16     | 8.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS2(A)   | 12:30:59 | 6.9      | Bottom  | 3          | 1         | 27.55           | 7.74 | 29.85         | 73.1  | 5.09     | 8.4            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS2(A)   | 12:30:08 | 6.9      | Bottom  | 3          | 2         | 27.54           | 7.78 | 29.72         | 73.2  | 5.11     | 8.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS(Mf)5  | 14:34:52 | 1.0      | Surface | 1          | 1         | 28.56           | 8.11 | 21.68         | 75.4  | 5.36     | 8.0            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS(Mf)5  | 14:35:43 | 1.0      | Surface | 1          | 2         | 28.56           | 8.11 | 22.00         | 76.1  | 5.40     | 7.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS(Mf)5  | 14:35:21 | 6.4      | Middle  | 2          | 1         | 27.87           | 8.10 | 24.51         | 73.4  | 5.20     | 11.0           | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS(Mf)5  | 14:34:39 | 6.4      | Middle  | 2          | 2         | 27.86           | 8.10 | 24.28         | 73.5  | 5.22     | 10.8           | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS(Mf)5  | 14:35:06 | 11.7     | Bottom  | 3          | 1         | 27.97           | 8.09 | 24.52         | 75.0  | 5.30     | 11.2           | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Ebb   | Sunny             | CS(Mf)5  | 14:34:30 | 11.7     | Bottom  | 3          | 2         | 27.82           | 8.09 | 24.53         | 74.3  | 5.26     | 11.4           | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | ISS      | 8:17:38  | 1.0      | Surface | 1          | 1         | 28.09           | 8.03 | 22.48         | 85.5  | 6.06     | 7.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | ISS      | 8:17:10  | 1.0      | Surface | 1          | 2         | 28.09           | 8.04 | 22.48         | 86.5  | 6.14     | 7.2            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | ISS      | 8:17:01  | 4.2      | Middle  | 2          | 1         | 28.10           | 8.04 | 22.64         | 81.2  | 5.77     | 7.6            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | ISS      | 8:17:26  | 4.2      | Middle  | 2          | 2         | 28.10           | 8.03 | 22.64         | 84.0  | 5.97     | 7.5            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | ISS      | 8:17:18  | 7.3      | Bottom  | 3          | 1         | 28.10           | 8.04 | 22.59         | 82.4  | 5.86     | 8.0            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | ISS      | 8:16:53  | 7.3      | Bottom  | 3          | 2         | 28.09           | 8.05 | 22.68         | 80.3  | 5.71     | 7.8            | 8.1      |

## 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 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)6  | 8:07:31 | 1.0      | Surface | 1          | 1         | 28.08           | 8.03 | 22.53         | 79.4  | 5.65     | 6.2            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)6  | 8:07:16 | 1.0      | Surface | 1          | 2         | 28.08           | 8.03 | 22.55         | 79.9  | 5.68     | 6.3            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)6  | 8:07:08 | 2.2      | Bottom  | 3          | 1         | 28.08           | 8.03 | 22.61         | 80.1  | 5.69     | 7.4            | 13.3     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)6  | 8:07:22 | 2.2      | Bottom  | 3          | 2         | 28.08           | 8.03 | 22.66         | 79.6  | 5.66     | 6.9            | 14.3     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS7      | 8:00:27 | 1.0      | Surface | 1          | 1         | 28.08           | 8.04 | 22.51         | 80.9  | 5.76     | 5.0            | 14.0     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS7      | 8:00:40 | 1.0      | Surface | 1          | 2         | 28.08           | 8.04 | 22.50         | 80.4  | 5.72     | 5.3            | 13.3     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS7      | 8:00:19 | 2.3      | Bottom  | 3          | 1         | 28.09           | 8.04 | 22.66         | 81.3  | 5.77     | 6.7            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS7      | 8:00:32 | 2.3      | Bottom  | 3          | 2         | 28.08           | 8.04 | 22.61         | 80.8  | 5.75     | 6.6            | 13.1     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS8      | 7:25:02 | 1.0      | Surface | 1          | 1         | 28.09           | 8.00 | 21.87         | 82.2  | 5.86     | 8.8            | 15.6     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS8      | 7:25:18 | 1.0      | Surface | 1          | 2         | 28.10           | 7.99 | 21.80         | 84.2  | 5.99     | 9.2            | 15.3     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS8      | 7:25:09 | 3.1      | Bottom  | 3          | 1         | 28.10           | 7.98 | 22.46         | 80.5  | 5.72     | 12.8           | 14.9     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS8      | 7:24:56 | 3.1      | Bottom  | 3          | 2         | 28.09           | 8.00 | 22.37         | 79.0  | 5.64     | 12.2           | 16.2     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)9  | 7:49:18 | 1.0      | Surface | 1          | 1         | 28.08           | 8.06 | 22.34         | 83.6  | 5.95     | 6.1            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)9  | 7:48:52 | 1.0      | Surface | 1          | 2         | 28.08           | 8.09 | 22.69         | 84.4  | 5.99     | 6.2            | 12.3     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)9  | 7:48:44 | 2.6      | Bottom  | 3          | 1         | 28.06           | 8.12 | 22.72         | 80.3  | 5.70     | 6.8            | 12.7     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS(Mf)9  | 7:49:11 | 2.6      | Bottom  | 3          | 2         | 28.09           | 8.06 | 22.66         | 79.6  | 5.66     | 6.1            | 13.6     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS10(N)  | 7:31:51 | 1.0      | Surface | 1          | 1         | 27.89           | 7.51 | 22.55         | 74.1  | 5.14     | 12.9           | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS10(N)  | 7:32:26 | 1.0      | Surface | 1          | 2         | 27.82           | 7.50 | 23.38         | 74.3  | 5.16     | 13.0           | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS10(N)  | 7:32:14 | 5.5      | Middle  | 2          | 1         | 27.79           | 7.50 | 23.71         | 73.6  | 5.11     | 13.3           | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS10(N)  | 7:31:36 | 5.5      | Middle  | 2          | 2         | 27.82           | 7.52 | 23.43         | 73.6  | 5.10     | 13.2           | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS10(N)  | 7:32:01 | 10.0     | Bottom  | 3          | 1         | 27.79           | 7.49 | 25.07         | 72.9  | 5.02     | 13.5           | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | IS10(N)  | 7:31:21 | 10.0     | Bottom  | 3          | 2         | 27.76           | 7.55 | 24.31         | 73.1  | 5.04     | 13.4           | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR3(N)   | 8:29:15 | 1.0      | Surface | 1          | 1         | 28.10           | 8.03 | 22.53         | 79.3  | 5.64     | 4.9            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR3(N)   | 8:29:31 | 1.0      | Surface | 1          | 2         | 28.09           | 8.03 | 22.56         | 79.1  | 5.63     | 5.1            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR3(N)   | 8:29:23 | 2.7      | Bottom  | 3          | 1         | 28.10           | 8.03 | 22.63         | 79.3  | 5.64     | 6.2            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR3(N)   | 8:29:05 | 2.7      | Bottom  | 3          | 2         | 28.10           | 8.03 | 22.68         | 79.6  | 5.66     | 6.5            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR4(N)   | 7:34:31 | 1.0      | Surface | 1          | 1         | 28.11           | 7.97 | 21.34         | 85.2  | 6.08     | 10.6           | 22.8     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR4(N)   | 7:33:09 | 1.0      | Surface | 1          | 2         | 28.11           | 8.00 | 21.31         | 89.2  | 6.36     | 10.8           | 22.9     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR4(N)   | 7:33:03 | 2.9      | Bottom  | 3          | 1         | 28.11           | 8.01 | 21.30         | 77.3  | 5.50     | 11.0           | 24.0     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR4(N)   | 7:34:21 | 2.9      | Bottom  | 3          | 2         | 28.10           | 7.98 | 21.35         | 74.2  | 5.19     | 10.4           | 23.0     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR5(N)   | 7:43:03 | 1.0      | Surface | 1          | 1         | 27.88           | 7.51 | 23.08         | 74.5  | 5.15     | 14.1           | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR5(N)   | 7:42:29 | 1.0      | Surface | 1          | 2         | 27.87           | 7.51 | 23.16         | 74.2  | 5.14     | 14.1           | 11.3     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR5(N)   | 7:42:13 | 4.3      | Middle  | 2          | 1         | 27.89           | 7.51 | 23.07         | 73.9  | 5.10     | 14.2           | 15.0     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR5(N)   | 7:42:54 | 4.3      | Middle  | 2          | 2         | 27.85           | 7.51 | 23.26         | 74.0  | 5.12     | 14.3           | 14.5     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR5(N)   | 7:42:44 | 7.6      | Bottom  | 3          | 1         | 27.85           | 7.51 | 23.30         | 73.2  | 5.04     | 14.5           | 16.4     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR5(N)   | 7:42:00 | 7.6      | Bottom  | 3          | 2         | 27.85           | 7.52 | 23.32         | 73.2  | 5.03     | 14.6           | 17.0     |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10A(N) | 6:45:14 | 1.0      | Surface | 1          | 1         | 27.88           | 7.51 | 23.13         | 74.1  | 5.17     | 5.1            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10A(N) | 6:44:45 | 1.0      | Surface | 1          | 2         | 27.88           | 7.50 | 23.18         | 73.9  | 5.16     | 5.0            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10A(N) | 6:44:35 | 7        | Middle  | 2          | 1         | 27.86           | 7.52 | 23.38         | 73.5  | 5.11     | 5.2            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10A(N) | 6:45:03 | 7        | Middle  | 2          | 2         | 27.86           | 7.50 | 23.41         | 73.6  | 5.13     | 5.2            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10A(N) | 6:44:24 | 12.9     | Bottom  | 3          | 1         | 27.84           | 7.54 | 23.84         | 72.8  | 5.02     | 5.4            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10A(N) | 6:44:55 | 12.9     | Bottom  | 3          | 2         | 27.85           | 7.50 | 23.80         | 72.9  | 5.03     | 5.4            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10B(N) | 6:33:43 | 1.0      | Surface | 1          | 1         | 27.33           | 7.51 | 27.35         | 73.4  | 5.12     | 6.1            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10B(N) | 6:34:04 | 1.0      | Surface | 1          | 2         | 27.23           | 7.51 | 28.33         | 73.6  | 5.13     | 6.2            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10B(N) | 6:33:33 | 4.1      | Bottom  | 3          | 1         | 27.12           | 7.57 | 30.13         | 73.2  | 5.06     | 6.4            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | SR10B(N) | 6:33:54 | 4.1      | Bottom  | 3          | 2         | 27.20           | 7.49 | 30.37         | 73.2  | 5.05     | 6.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS2(A)   | 8:34:03 | 1.0      | Surface | 1          | 1         | 28.05           | 7.54 | 22.03         | 73.9  | 5.13     | 6.1            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS2(A)   | 8:34:36 | 1.0      | Surface | 1          | 2         | 28.04           | 7.54 | 22.05         | 74.2  | 5.15     | 6.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS2(A)   | 8:33:50 | 4.1      | Middle  | 2          | 1         | 28.02           | 7.56 | 22.12         | 73.6  | 5.08     | 6.2            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS2(A)   | 8:34:27 | 4.1      | Middle  | 2          | 2         | 28.03           | 7.54 | 22.08         | 73.7  | 5.09     | 6.2            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS2(A)   | 8:34:11 | 7.1      | Bottom  | 3          | 1         | 28.04           | 7.54 | 22.12         | 72.4  | 5.02     | 6.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS2(A)   | 8:33:38 | 7.1      | Bottom  | 3          | 2         | 27.89           | 7.58 | 22.68         | 72.1  | 5.03     | 6.4            | 7.3      |

## 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 | 2017-09-08        | Mid-Flood | Sunny             | CS(Mf)5  | 6:58:51 | 1.0      | Surface | 1          | 1         | 28.14           | 7.91 | 22.79         | 81.4  | 5.66     | 3.7            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS(Mf)5  | 6:59:22 | 1.0      | Surface | 1          | 2         | 28.09           | 7.96 | 22.29         | 84.3  | 5.84     | 4.0            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS(Mf)5  | 6:59:11 | 6.2      | Middle  | 2          | 1         | 27.85           | 7.92 | 26.47         | 76.2  | 5.43     | 5.0            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS(Mf)5  | 6:58:23 | 6.2      | Middle  | 2          | 2         | 27.83           | 7.86 | 27.72         | 78.8  | 5.60     | 5.1            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS(Mf)5  | 6:58:17 | 11.3     | Bottom  | 3          | 1         | 27.84           | 7.83 | 28.37         | 77.0  | 5.39     | 5.0            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-08        | Mid-Flood | Sunny             | CS(Mf)5  | 6:59:04 | 11.3     | Bottom  | 3          | 2         | 27.90           | 7.90 | 26.87         | 76.1  | 5.34     | 4.7            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS5      | 15:11   | 1.0      | Surface | 1          | 1         | 29.33           | 8.18 | 19.79         | 79.1  | 5.42     | 7.0            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS5      | 15:13   | 1.0      | Surface | 1          | 2         | 29.44           | 8.13 | 19.83         | 83.5  | 5.72     | 7.2            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS5      | 15:11   | 4.3      | Middle  | 2          | 1         | 29.28           | 8.20 | 19.89         | 76.6  | 5.26     | 7.3            | 11.7     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS5      | 15:13   | 4.3      | Middle  | 2          | 2         | 29.20           | 8.14 | 20.16         | 78.3  | 5.37     | 7.5            | 12.6     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS5      | 15:11   | 7.5      | Bottom  | 3          | 1         | 29.28           | 8.22 | 19.91         | 75.4  | 5.17     | 7.1            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS5      | 15:13   | 7.5      | Bottom  | 3          | 2         | 29.16           | 8.14 | 20.31         | 75.8  | 5.19     | 7.1            | 12.3     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)6  | 15:28   | 1.0      | Surface | 1          | 1         | 29.49           | 8.17 | 20.43         | 81.2  | 5.54     | 5.7            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)6  | 15:28   | 1.0      | Surface | 1          | 2         | 29.57           | 8.20 | 20.33         | 85.7  | 5.85     | 5.5            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)6  | 15:28   | 2.2      | Bottom  | 3          | 1         | 29.36           | 8.22 | 20.48         | 82.7  | 5.63     | 7.1            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)6  | 15:28   | 2.2      | Bottom  | 3          | 2         | 29.42           | 8.18 | 20.51         | 80.0  | 5.45     | 7.1            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS7      | 15:35   | 1.0      | Surface | 1          | 1         | 29.60           | 8.16 | 19.85         | 83.2  | 5.68     | 8.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS7      | 15:36   | 1.0      | Surface | 1          | 2         | 29.43           | 8.14 | 20.48         | 79.6  | 5.42     | 8.4            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS7      | 15:35   | 2.2      | Bottom  | 3          | 1         | 29.26           | 8.17 | 20.86         | 80.4  | 5.49     | 8.5            | 11.6     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS7      | 15:35   | 2.2      | Bottom  | 3          | 2         | 29.46           | 8.15 | 20.48         | 78.1  | 5.33     | 8.1            | 10.9     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS8      | 16:04   | 1.0      | Surface | 1          | 1         | 29.30           | 8.13 | 20.85         | 81.3  | 5.54     | 5.7            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS8      | 16:04   | 1.0      | Surface | 1          | 2         | 29.60           | 8.14 | 20.10         | 83.6  | 5.71     | 6.1            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS8      | 16:03   | 2.9      | Bottom  | 3          | 1         | 29.14           | 8.14 | 21.05         | 80.0  | 5.46     | 6.1            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS8      | 16:04   | 2.9      | Bottom  | 3          | 2         | 29.24           | 8.13 | 21.05         | 79.3  | 5.41     | 6.2            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)9  | 15:45   | 1.0      | Surface | 1          | 1         | 29.65           | 8.17 | 19.83         | 83.5  | 5.70     | 9.8            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)9  | 15:46   | 1.0      | Surface | 1          | 2         | 29.69           | 8.15 | 19.85         | 85.0  | 5.80     | 9.7            | 9.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)9  | 15:46   | 2.7      | Bottom  | 3          | 1         | 29.59           | 8.15 | 20.02         | 81.6  | 5.57     | 9.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS(Mf)9  | 15:45   | 2.7      | Bottom  | 3          | 2         | 29.51           | 8.18 | 19.96         | 81.5  | 5.55     | 9.9            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS10(N)  | 15:39   | 1.0      | Surface | 1          | 1         | 29.84           | 7.60 | 16.69         | 75.8  | 5.24     | 4.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS10(N)  | 15:40   | 1.0      | Surface | 1          | 2         | 29.85           | 7.57 | 16.73         | 75.4  | 5.22     | 4.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS10(N)  | 15:39   | 5.5      | Middle  | 2          | 1         | 29.52           | 7.61 | 17.93         | 73.7  | 5.10     | 4.6            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS10(N)  | 15:40   | 5.5      | Middle  | 2          | 2         | 29.16           | 7.57 | 18.03         | 73.5  | 5.09     | 4.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS10(N)  | 15:39   | 9.9      | Bottom  | 3          | 1         | 29.60           | 7.70 | 20.58         | 70.4  | 4.82     | 4.8            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | IS10(N)  | 15:40   | 9.9      | Bottom  | 3          | 2         | 28.72           | 7.54 | 21.92         | 70.2  | 4.85     | 5.0            | 11.6     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR3(N)   | 15:01   | 1.0      | Surface | 1          | 1         | 29.85           | 8.34 | 18.20         | 84.1  | 5.80     | 6.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR3(N)   | 15:01   | 1.0      | Surface | 1          | 2         | 30.04           | 8.31 | 18.37         | 83.3  | 5.69     | 6.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR3(N)   | 15:01   | 3.1      | Bottom  | 3          | 1         | 29.62           | 8.35 | 18.45         | 82.5  | 5.67     | 7.0            | 17.0     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR3(N)   | 15:00   | 3.1      | Bottom  | 3          | 2         | 29.45           | 8.32 | 18.22         | 83.0  | 5.69     | 6.7            | 15.9     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR4(N)   | 15:57   | 1.0      | Surface | 1          | 1         | 29.87           | 8.17 | 18.73         | 81.7  | 5.59     | 4.8            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR4(N)   | 15:57   | 1.0      | Surface | 1          | 2         | 29.78           | 8.13 | 18.90         | 84.4  | 5.77     | 5.1            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR4(N)   | 15:57   | 2.7      | Bottom  | 3          | 1         | 29.74           | 8.15 | 19.13         | 79.5  | 5.43     | 5.1            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR4(N)   | 15:57   | 2.7      | Bottom  | 3          | 2         | 29.80           | 8.19 | 18.80         | 77.4  | 5.29     | 5.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR5(N)   | 15:27   | 1.0      | Surface | 1          | 1         | 29.79           | 7.68 | 17.35         | 74.6  | 5.15     | 4.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR5(N)   | 15:26   | 1.0      | Surface | 1          | 2         | 29.79           | 7.81 | 17.36         | 74.2  | 5.12     | 4.4            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR5(N)   | 15:27   | 4.3      | Middle  | 2          | 1         | 29.51           | 7.70 | 17.72         | 72.8  | 5.04     | 4.6            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR5(N)   | 15:26   | 4.3      | Middle  | 2          | 2         | 29.51           | 7.79 | 17.54         | 72.6  | 5.02     | 4.6            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR5(N)   | 15:26   | 7.6      | Bottom  | 3          | 1         | 29.05           | 7.71 | 19.62         | 71.8  | 4.89     | 4.9            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR5(N)   | 15:27   | 7.6      | Bottom  | 3          | 2         | 29.33           | 7.72 | 21.07         | 70.9  | 4.89     | 4.8            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10A(N) | 16:20   | 1.0      | Surface | 1          | 1         | 29.38           | 7.66 | 22.88         | 79.4  | 5.38     | 2.4            | 2.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10A(N) | 16:19   | 1.0      | Surface | 1          | 2         | 29.57           | 7.69 | 22.01         | 79.6  | 5.37     | 2.3            | 2.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10A(N) | 16:19   | 7.1      | Middle  | 2          | 1         | 29.41           | 7.70 | 22.69         | 78.6  | 5.27     | 2.4            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10A(N) | 16:20   | 7.1      | Middle  | 2          | 2         | 29.38           | 7.66 | 23.03         | 78.9  | 5.30     | 2.5            | 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 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:20 | 13.2     | Bottom  | 3          | 1         | 29.53           | 7.67 | 23.20         | 76.7  | 5.16     | 2.5            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:19 | 13.2     | Bottom  | 3          | 2         | 29.36           | 7.74 | 23.10         | 75.7  | 5.10     | 2.5            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:31 | 1.0      | Surface | 1          | 1         | 29.44           | 7.65 | 22.68         | 74.6  | 5.02     | 2.2            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:32 | 1.0      | Surface | 1          | 2         | 29.47           | 7.64 | 22.65         | 74.6  | 5.02     | 2.3            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:31 | 3.8      | Middle  | 2          | 1         | 29.38           | 7.67 | 23.01         | 74.3  | 5.00     | 2.2            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:32 | 3.8      | Middle  | 2          | 2         | 29.43           | 7.64 | 22.80         | 74.5  | 5.02     | 2.3            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:31 | 6.6      | Bottom  | 3          | 1         | 29.34           | 7.68 | 23.18         | 74.1  | 4.99     | 2.4            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:32 | 6.6      | Bottom  | 3          | 2         | 29.46           | 7.64 | 22.77         | 74.2  | 4.99     | 2.4            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS2(A)    | 14:37 | 1.0      | Surface | 1          | 1         | 29.30           | 7.78 | 20.07         | 73.5  | 5.15     | 7.2            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS2(A)    | 14:38 | 1.0      | Surface | 1          | 2         | 28.93           | 7.78 | 22.35         | 73.7  | 5.16     | 7.1            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS2(A)    | 14:37 | 4.0      | Middle  | 2          | 1         | 28.15           | 7.79 | 26.75         | 72.1  | 5.02     | 7.4            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS2(A)    | 14:37 | 4.0      | Middle  | 2          | 2         | 28.56           | 7.79 | 25.57         | 72.4  | 5.03     | 7.3            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS2(A)    | 14:37 | 6.9      | Bottom  | 3          | 1         | 28.05           | 7.78 | 29.08         | 71.7  | 4.91     | 7.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS2(A)    | 14:37 | 6.9      | Bottom  | 3          | 2         | 27.94           | 7.79 | 29.69         | 71.9  | 4.84     | 7.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:26 | 1.0      | Surface | 1          | 1         | 29.27           | 8.16 | 19.84         | 82.2  | 5.59     | 6.1            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:27 | 1.0      | Surface | 1          | 2         | 29.22           | 8.14 | 20.07         | 76.0  | 5.30     | 6.1            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:27 | 5.9      | Middle  | 2          | 1         | 28.47           | 8.15 | 22.45         | 72.3  | 5.04     | 8.1            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:26 | 5.9      | Middle  | 2          | 2         | 28.49           | 8.17 | 22.18         | 76.7  | 5.35     | 8.1            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:27 | 10.8     | Bottom  | 3          | 1         | 28.16           | 8.09 | 27.93         | 70.8  | 4.94     | 7.7            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:26 | 10.8     | Bottom  | 3          | 2         | 28.35           | 8.13 | 27.63         | 72.2  | 4.93     | 7.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS5       | 10:33 | 1.0      | Surface | 1          | 1         | 29.05           | 8.04 | 21.17         | 77.9  | 5.33     | 3.3            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS5       | 10:33 | 1.0      | Surface | 1          | 2         | 29.04           | 8.05 | 21.15         | 80.1  | 5.48     | 3.5            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS5       | 10:33 | 4.5      | Middle  | 2          | 1         | 28.95           | 8.04 | 21.36         | 77.7  | 5.31     | 3.3            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS5       | 10:32 | 4.5      | Middle  | 2          | 2         | 28.96           | 8.05 | 21.21         | 78.3  | 5.35     | 3.6            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS5       | 10:32 | 7.9      | Bottom  | 3          | 1         | 28.79           | 8.05 | 21.92         | 78.1  | 5.34     | 3.5            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS5       | 10:33 | 7.9      | Bottom  | 3          | 2         | 28.97           | 8.04 | 21.47         | 77.3  | 5.29     | 3.5            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)6   | 10:24 | 1.0      | Surface | 1          | 1         | 29.45           | 8.04 | 20.58         | 81.6  | 5.57     | 4.3            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)6   | 10:24 | 1.0      | Surface | 1          | 2         | 29.42           | 8.03 | 20.73         | 79.8  | 5.43     | 4.2            | 3.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)6   | 10:24 | 2.1      | Bottom  | 3          | 1         | 29.30           | 8.04 | 20.90         | 80.6  | 5.49     | 4.3            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)6   | 10:24 | 2.1      | Bottom  | 3          | 2         | 29.38           | 8.03 | 20.86         | 79.1  | 5.39     | 4.4            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS7       | 10:14 | 1.0      | Surface | 1          | 1         | 29.37           | 8.04 | 20.81         | 79.3  | 5.40     | 3.6            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS7       | 10:14 | 1.0      | Surface | 1          | 2         | 29.36           | 8.04 | 20.86         | 81.6  | 5.56     | 3.6            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS7       | 10:14 | 2.2      | Bottom  | 3          | 1         | 29.32           | 8.05 | 21.02         | 80.0  | 5.45     | 3.7            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS7       | 10:14 | 2.2      | Bottom  | 3          | 2         | 29.36           | 8.04 | 20.93         | 78.5  | 5.35     | 3.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS8       | 9:44  | 1.0      | Surface | 1          | 1         | 28.87           | 8.02 | 20.34         | 75.5  | 5.21     | 11.5           | 23.2     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS8       | 9:44  | 1.0      | Surface | 1          | 2         | 28.88           | 8.04 | 20.12         | 79.4  | 5.46     | 11.3           | 22.8     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS8       | 9:44  | 3.0      | Bottom  | 3          | 1         | 28.79           | 8.06 | 20.91         | 72.3  | 4.98     | 11.2           | 22.0     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS8       | 9:44  | 3.0      | Bottom  | 3          | 2         | 28.88           | 8.03 | 20.41         | 73.7  | 5.07     | 11.4           | 22.2     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)9   | 10:04 | 1.0      | Surface | 1          | 1         | 28.99           | 8.04 | 20.35         | 76.7  | 5.27     | 7.6            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)9   | 10:04 | 1.0      | Surface | 1          | 2         | 29.08           | 8.02 | 20.42         | 81.1  | 5.56     | 7.5            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)9   | 10:04 | 2.5      | Bottom  | 3          | 1         | 28.80           | 8.06 | 21.39         | 73.4  | 5.03     | 7.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS(Mf)9   | 10:04 | 2.5      | Bottom  | 3          | 2         | 28.80           | 8.02 | 21.42         | 73.2  | 5.02     | 7.4            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS10(N)   | 9:49  | 1.0      | Surface | 1          | 1         | 28.92           | 7.56 | 19.58         | 73.6  | 5.14     | 4.1            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS10(N)   | 9:50  | 1.0      | Surface | 1          | 2         | 28.91           | 7.54 | 19.62         | 73.5  | 5.15     | 4.2            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS10(N)   | 9:49  | 5.5      | Middle  | 2          | 1         | 28.71           | 7.61 | 20.15         | 72.5  | 5.01     | 4.3            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS10(N)   | 9:49  | 5.5      | Middle  | 2          | 2         | 28.69           | 7.54 | 20.27         | 72.8  | 5.06     | 4.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS10(N)   | 9:49  | 9.9      | Bottom  | 3          | 1         | 28.72           | 7.52 | 22.05         | 71.2  | 4.91     | 4.7            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | IS10(N)   | 9:49  | 9.9      | Bottom  | 3          | 2         | 28.56           | 7.51 | 21.92         | 71.7  | 4.95     | 4.6            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR3(N)    | 10:41 | 1.0      | Surface | 1          | 1         | 28.97           | 8.05 | 21.41         | 83.1  | 5.69     | 5.4            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR3(N)    | 10:41 | 1.0      | Surface | 1          | 2         | 28.94           | 8.04 | 21.48         | 77.6  | 5.31     | 5.2            | 9.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR3(N)    | 10:41 | 2.4      | Bottom  | 3          | 1         | 28.91           | 8.06 | 21.45         | 79.0  | 5.40     | 5.4            | 13.4     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR3(N)    | 10:41 | 2.4      | Bottom  | 3          | 2         | 28.95           | 8.04 | 21.46         | 76.4  | 5.22     | 5.4            | 12.5     |

## 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 | 2017-09-11        | Mid-Flood | Sunny             | SR4(N)    | 9:52  | 1.0      | Surface | 1          | 1         | 28.94           | 7.99 | 19.80         | 75.2  | 5.19     | 11.5           | 14.6     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR4(N)    | 9:51  | 1.0      | Surface | 1          | 2         | 28.94           | 8.01 | 19.79         | 80.7  | 5.57     | 11.2           | 13.9     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR4(N)    | 9:51  | 2.8      | Bottom  | 3          | 1         | 28.94           | 8.03 | 19.81         | 73.7  | 5.09     | 11.7           | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR4(N)    | 9:51  | 2.8      | Bottom  | 3          | 2         | 28.93           | 8.00 | 19.81         | 72.0  | 4.97     | 11.4           | 15.1     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR5(N)    | 10:05 | 1.0      | Surface | 1          | 1         | 28.94           | 7.51 | 19.54         | 73.2  | 5.12     | 3.5            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR5(N)    | 10:06 | 1.0      | Surface | 1          | 2         | 28.71           | 7.51 | 19.94         | 73.7  | 5.14     | 3.4            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR5(N)    | 10:05 | 4.4      | Middle  | 2          | 1         | 28.76           | 7.52 | 20.00         | 72.4  | 5.06     | 3.7            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR5(N)    | 10:05 | 4.4      | Middle  | 2          | 2         | 28.61           | 7.50 | 21.01         | 72.6  | 5.07     | 3.6            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR5(N)    | 10:05 | 7.7      | Bottom  | 3          | 1         | 28.78           | 7.49 | 22.07         | 69.8  | 4.93     | 3.8            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR5(N)    | 10:05 | 7.7      | Bottom  | 3          | 2         | 28.56           | 7.53 | 21.93         | 68.9  | 4.89     | 3.9            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10A(N)  | 9:04  | 1.0      | Surface | 1          | 1         | 27.85           | 7.53 | 27.07         | 73.4  | 5.12     | 6.3            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10A(N)  | 9:04  | 1.0      | Surface | 1          | 2         | 27.80           | 7.57 | 27.14         | 72.8  | 5.09     | 6.4            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10A(N)  | 9:03  | 7.1      | Middle  | 2          | 1         | 27.73           | 7.52 | 28.66         | 72.5  | 5.04     | 6.5            | 11.3     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10A(N)  | 9:04  | 7.1      | Middle  | 2          | 2         | 27.65           | 7.54 | 29.56         | 71.7  | 5.03     | 6.6            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10A(N)  | 9:04  | 13.2     | Bottom  | 3          | 1         | 27.81           | 7.53 | 30.26         | 71.1  | 4.91     | 6.9            | 11.2     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10A(N)  | 9:03  | 13.2     | Bottom  | 3          | 2         | 27.64           | 7.52 | 30.09         | 70.8  | 4.88     | 7.0            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10B(N2) | 8:52  | 1.0      | Surface | 1          | 1         | 27.92           | 7.46 | 27.25         | 73.2  | 5.11     | 6.3            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10B(N2) | 8:52  | 1.0      | Surface | 1          | 2         | 27.92           | 7.48 | 27.15         | 73.1  | 5.09     | 6.4            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10B(N2) | 8:52  | 3.9      | Middle  | 2          | 1         | 27.80           | 7.54 | 27.48         | 72.2  | 5.03     | 6.6            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10B(N2) | 8:51  | 3.9      | Middle  | 2          | 2         | 27.83           | 7.54 | 28.39         | 71.6  | 5.02     | 6.6            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10B(N2) | 8:52  | 6.7      | Bottom  | 3          | 1         | 27.85           | 7.52 | 29.59         | 70.5  | 4.82     | 6.8            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | SR10B(N2) | 8:51  | 6.7      | Bottom  | 3          | 2         | 27.65           | 7.51 | 30.03         | 70.3  | 4.83     | 6.8            | 12.1     |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS2(A)    | 10:56 | 1.0      | Surface | 1          | 1         | 28.74           | 7.63 | 20.03         | 73.3  | 5.08     | 6.3            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS2(A)    | 10:55 | 1.0      | Surface | 1          | 2         | 28.93           | 7.65 | 19.02         | 73.5  | 5.09     | 6.4            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS2(A)    | 10:55 | 4.0      | Middle  | 2          | 1         | 28.80           | 7.64 | 19.16         | 72.6  | 5.03     | 6.6            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS2(A)    | 10:55 | 4.0      | Middle  | 2          | 2         | 28.78           | 7.70 | 19.15         | 72.9  | 5.05     | 6.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS2(A)    | 10:55 | 7.0      | Bottom  | 3          | 1         | 28.64           | 7.61 | 23.76         | 69.6  | 4.83     | 6.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS2(A)    | 10:55 | 7.0      | Bottom  | 3          | 2         | 28.59           | 7.68 | 20.18         | 70.9  | 4.92     | 6.7            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS(Mf)5   | 9:17  | 1.0      | Surface | 1          | 1         | 29.00           | 8.03 | 21.25         | 80.9  | 5.45     | 5.2            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS(Mf)5   | 9:17  | 1.0      | Surface | 1          | 2         | 28.90           | 8.03 | 20.54         | 72.9  | 5.10     | 5.1            | 2.1      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS(Mf)5   | 9:17  | 6.3      | Middle  | 2          | 1         | 28.49           | 8.03 | 26.26         | 75.2  | 5.23     | 5.3            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS(Mf)5   | 9:17  | 6.3      | Middle  | 2          | 2         | 28.47           | 8.03 | 25.33         | 73.7  | 5.01     | 5.6            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS(Mf)5   | 9:17  | 11.5     | Bottom  | 3          | 1         | 28.39           | 8.03 | 27.80         | 72.0  | 4.95     | 5.6            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-11        | Mid-Flood | Sunny             | CS(Mf)5   | 9:16  | 11.5     | Bottom  | 3          | 2         | 28.26           | 8.01 | 29.90         | 74.6  | 5.11     | 5.5            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS5       | 6:33  | 1.0      | Surface | 1          | 1         | 29.02           | 8.14 | 20.88         | 78.2  | 5.36     | 7.7            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS5       | 6:33  | 1.0      | Surface | 1          | 2         | 29.08           | 8.13 | 20.92         | 80.4  | 5.56     | 7.4            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS5       | 6:33  | 4.1      | Middle  | 2          | 1         | 28.58           | 8.11 | 24.59         | 80.0  | 5.53     | 12.9           | 2.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS5       | 6:33  | 4.1      | Middle  | 2          | 2         | 28.55           | 8.11 | 24.54         | 77.0  | 5.32     | 12.2           | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS5       | 6:33  | 7.2      | Bottom  | 3          | 1         | 28.51           | 8.08 | 27.19         | 76.3  | 5.26     | 11.5           | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS5       | 6:32  | 7.2      | Bottom  | 3          | 2         | 28.38           | 8.08 | 27.20         | 77.0  | 5.15     | 11.2           | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:25  | 1.0      | Surface | 1          | 1         | 29.24           | 8.06 | 19.20         | 83.2  | 5.73     | 3.2            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:25  | 1.0      | Surface | 1          | 2         | 29.24           | 8.06 | 19.42         | 80.9  | 5.57     | 3.2            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:25  | 2.1      | Bottom  | 3          | 1         | 29.24           | 8.06 | 19.21         | 79.6  | 5.44     | 3.2            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)6   | 6:25  | 2.1      | Bottom  | 3          | 2         | 29.22           | 8.04 | 20.75         | 78.2  | 5.39     | 3.1            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS7       | 6:17  | 1.0      | Surface | 1          | 1         | 29.21           | 8.04 | 19.31         | 76.9  | 5.24     | 8.1            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS7       | 6:18  | 1.0      | Surface | 1          | 2         | 29.34           | 8.03 | 19.38         | 73.7  | 5.06     | 8.1            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS7       | 6:17  | 2.1      | Bottom  | 3          | 1         | 29.10           | 8.02 | 21.76         | 74.0  | 5.10     | 8.6            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS7       | 6:17  | 2.1      | Bottom  | 3          | 2         | 29.31           | 8.03 | 20.03         | 73.5  | 5.04     | 8.5            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS8       | 5:49  | 1.0      | Surface | 1          | 1         | 29.29           | 8.09 | 19.16         | 79.4  | 5.38     | 3.9            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS8       | 5:49  | 1.0      | Surface | 1          | 2         | 29.28           | 8.07 | 19.15         | 76.1  | 5.21     | 3.8            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS8       | 5:49  | 3.1      | Bottom  | 3          | 1         | 29.28           | 8.07 | 21.99         | 76.9  | 5.30     | 3.9            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS8       | 5:49  | 3.1      | Bottom  | 3          | 2         | 29.29           | 8.05 | 22.10         | 75.7  | 5.20     | 4.1            | 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 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:09  | 1.0      | Surface | 1          | 1         | 29.48           | 8.02 | 19.33         | 81.6  | 5.53     | 5.7            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:08  | 1.0      | Surface | 1          | 2         | 29.45           | 8.03 | 19.55         | 74.8  | 5.13     | 5.9            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:08  | 2.7      | Bottom  | 3          | 1         | 29.48           | 8.01 | 21.82         | 74.0  | 5.01     | 5.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS(Mf)9   | 6:08  | 2.7      | Bottom  | 3          | 2         | 29.36           | 8.02 | 21.73         | 72.5  | 4.97     | 5.8            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS10(N)   | 5:50  | 1.0      | Surface | 1          | 1         | 28.86           | 7.72 | 20.19         | 79.1  | 5.62     | 5.3            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS10(N)   | 5:50  | 1.0      | Surface | 1          | 2         | 28.87           | 7.70 | 20.27         | 78.8  | 5.60     | 5.2            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS10(N)   | 5:50  | 5.4      | Middle  | 2          | 1         | 28.59           | 7.67 | 24.79         | 75.7  | 5.42     | 5.9            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS10(N)   | 5:49  | 5.4      | Middle  | 2          | 2         | 28.60           | 7.71 | 24.69         | 77.3  | 5.60     | 5.6            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS10(N)   | 5:50  | 9.8      | Bottom  | 3          | 1         | 28.63           | 7.67 | 25.11         | 74.4  | 5.25     | 5.4            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | IS10(N)   | 5:49  | 9.8      | Bottom  | 3          | 2         | 28.56           | 7.74 | 25.29         | 76.3  | 5.44     | 5.8            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR3(N)    | 6:42  | 1.0      | Surface | 1          | 1         | 29.27           | 8.08 | 21.06         | 79.5  | 5.42     | 6.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR3(N)    | 6:42  | 1.0      | Surface | 1          | 2         | 29.27           | 8.08 | 20.96         | 74.6  | 5.07     | 6.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR3(N)    | 6:42  | 2.4      | Bottom  | 3          | 1         | 29.23           | 8.07 | 21.76         | 73.5  | 5.01     | 6.4            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR3(N)    | 6:42  | 2.4      | Bottom  | 3          | 2         | 29.21           | 8.09 | 21.28         | 76.4  | 5.21     | 6.6            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR4(N)    | 5:57  | 1.0      | Surface | 1          | 1         | 29.30           | 7.99 | 20.45         | 76.4  | 5.31     | 9.2            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR4(N)    | 5:57  | 1.0      | Surface | 1          | 2         | 29.29           | 7.98 | 20.53         | 79.7  | 5.49     | 9.1            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR4(N)    | 5:57  | 2.6      | Bottom  | 3          | 1         | 29.29           | 7.99 | 22.19         | 74.4  | 5.14     | 9.4            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR4(N)    | 5:57  | 2.6      | Bottom  | 3          | 2         | 29.20           | 7.97 | 21.91         | 73.4  | 5.10     | 9.6            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR5(N)    | 6:02  | 1.0      | Surface | 1          | 1         | 28.87           | 7.71 | 20.20         | 77.5  | 5.62     | 4.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR5(N)    | 6:03  | 1.0      | Surface | 1          | 2         | 28.87           | 7.71 | 20.19         | 79.5  | 5.76     | 4.6            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR5(N)    | 6:03  | 4.2      | Middle  | 2          | 1         | 28.74           | 7.69 | 23.29         | 77.6  | 5.52     | 5.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR5(N)    | 6:02  | 4.2      | Middle  | 2          | 2         | 28.75           | 7.70 | 23.26         | 76.5  | 5.46     | 5.6            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR5(N)    | 6:03  | 7.3      | Bottom  | 3          | 1         | 28.70           | 7.67 | 24.59         | 75.2  | 5.39     | 5.6            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR5(N)    | 6:02  | 7.3      | Bottom  | 3          | 2         | 28.55           | 7.68 | 24.79         | 74.6  | 5.35     | 6.0            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10A(N)  | 4:44  | 1.0      | Surface | 1          | 1         | 28.30           | 7.77 | 23.97         | 76.4  | 5.49     | 1.6            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10A(N)  | 4:45  | 1.0      | Surface | 1          | 2         | 28.32           | 7.75 | 24.09         | 75.2  | 5.40     | 1.6            | 2.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10A(N)  | 4:44  | 7.0      | Middle  | 2          | 1         | 28.12           | 7.76 | 28.76         | 74.1  | 5.23     | 1.7            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10A(N)  | 4:44  | 7.0      | Middle  | 2          | 2         | 28.11           | 7.77 | 28.80         | 74.2  | 5.24     | 1.5            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10A(N)  | 4:44  | 12.9     | Bottom  | 3          | 1         | 28.12           | 7.75 | 28.77         | 75.3  | 5.31     | 1.6            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10A(N)  | 4:44  | 12.9     | Bottom  | 3          | 2         | 28.13           | 7.74 | 28.76         | 75.7  | 5.34     | 1.7            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10B(N2) | 4:32  | 1.0      | Surface | 1          | 1         | 28.34           | 7.75 | 25.32         | 78.7  | 5.61     | 1.9            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10B(N2) | 4:33  | 1.0      | Surface | 1          | 2         | 28.33           | 7.75 | 25.45         | 77.7  | 5.47     | 1.8            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10B(N2) | 4:32  | 3.8      | Middle  | 2          | 1         | 28.15           | 7.75 | 28.44         | 76.0  | 5.42     | 1.9            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10B(N2) | 4:33  | 3.8      | Middle  | 2          | 2         | 28.16           | 7.76 | 28.40         | 75.8  | 5.35     | 1.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10B(N2) | 4:33  | 6.6      | Bottom  | 3          | 1         | 28.23           | 7.73 | 28.42         | 73.1  | 5.06     | 2.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | SR10B(N2) | 4:32  | 6.6      | Bottom  | 3          | 2         | 28.14           | 7.73 | 28.62         | 72.5  | 5.03     | 2.0            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS2(A)    | 6:53  | 1.0      | Surface | 1          | 1         | 28.74           | 7.78 | 20.36         | 81.8  | 5.92     | 5.2            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS2(A)    | 6:53  | 1.0      | Surface | 1          | 2         | 28.53           | 7.78 | 20.48         | 81.3  | 5.70     | 5.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS2(A)    | 6:53  | 3.7      | Middle  | 2          | 1         | 28.30           | 7.78 | 28.02         | 77.4  | 5.45     | 6.6            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS2(A)    | 6:53  | 3.7      | Middle  | 2          | 2         | 28.23           | 7.79 | 28.78         | 77.5  | 5.64     | 6.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS2(A)    | 6:53  | 6.4      | Bottom  | 3          | 1         | 28.14           | 7.81 | 29.53         | 76.2  | 5.53     | 6.7            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS2(A)    | 6:53  | 6.4      | Bottom  | 3          | 2         | 28.26           | 7.79 | 29.46         | 78.9  | 5.52     | 6.6            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:16  | 1.0      | Surface | 1          | 1         | 28.79           | 8.05 | 23.16         | 77.7  | 5.36     | 4.3            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:17  | 1.0      | Surface | 1          | 2         | 28.81           | 8.07 | 22.79         | 76.9  | 5.32     | 4.2            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:16  | 6.1      | Middle  | 2          | 1         | 28.29           | 8.07 | 28.14         | 75.9  | 5.08     | 4.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:17  | 6.1      | Middle  | 2          | 2         | 28.38           | 8.06 | 27.40         | 75.4  | 5.07     | 4.1            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:17  | 11.1     | Bottom  | 3          | 1         | 28.14           | 8.02 | 30.79         | 74.0  | 5.04     | 4.2            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Ebb   | Fine              | CS(Mf)5   | 5:16  | 11.1     | Bottom  | 3          | 2         | 27.89           | 8.03 | 32.28         | 73.8  | 5.02     | 4.3            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | ISS       | 11:52 | 1.0      | Surface | 1          | 1         | 29.62           | 8.13 | 18.85         | 77.5  | 5.31     | 5.3            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | ISS       | 11:51 | 1.0      | Surface | 1          | 2         | 29.49           | 8.16 | 18.99         | 77.5  | 5.24     | 5.2            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | ISS       | 11:51 | 4.2      | Middle  | 2          | 1         | 29.18           | 8.16 | 20.79         | 75.6  | 5.20     | 7.8            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | ISS       | 11:52 | 4.2      | Middle  | 2          | 2         | 29.14           | 8.11 | 20.85         | 77.1  | 5.18     | 7.5            | 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 | 2017-09-13        | Mid-Flood | Fine              | IS5       | 11:51 | 7.3      | Bottom  | 3          | 1         | 29.27           | 8.11 | 23.60         | 74.5  | 5.10     | 7.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS5       | 11:51 | 7.3      | Bottom  | 3          | 2         | 28.89           | 8.15 | 23.67         | 73.8  | 5.05     | 7.7            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)6   | 12:00 | 1.0      | Surface | 1          | 1         | 29.84           | 8.15 | 18.70         | 89.5  | 6.11     | 8.5            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)6   | 12:00 | 1.0      | Surface | 1          | 2         | 29.81           | 8.12 | 18.66         | 88.2  | 6.00     | 8.9            | 2.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)6   | 12:00 | 2.1      | Bottom  | 3          | 1         | 29.76           | 8.15 | 19.19         | 89.3  | 6.11     | 8.5            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)6   | 12:00 | 2.1      | Bottom  | 3          | 2         | 29.74           | 8.12 | 20.00         | 85.5  | 5.85     | 8.5            | 3.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS7       | 12:11 | 1.0      | Surface | 1          | 1         | 29.72           | 8.13 | 19.24         | 84.5  | 5.73     | 2.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS7       | 12:10 | 1.0      | Surface | 1          | 2         | 29.68           | 8.15 | 19.24         | 88.5  | 6.01     | 2.6            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS7       | 12:11 | 2.2      | Bottom  | 3          | 1         | 29.68           | 8.13 | 20.65         | 83.6  | 5.71     | 2.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS7       | 12:10 | 2.2      | Bottom  | 3          | 2         | 29.47           | 8.15 | 21.13         | 84.4  | 5.77     | 2.5            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS8       | 12:41 | 1.0      | Surface | 1          | 1         | 29.34           | 8.13 | 21.52         | 77.3  | 5.23     | 6.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS8       | 12:40 | 1.0      | Surface | 1          | 2         | 29.34           | 8.14 | 21.45         | 81.9  | 5.55     | 6.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS8       | 12:41 | 3.3      | Bottom  | 3          | 1         | 29.26           | 8.12 | 22.42         | 76.3  | 5.18     | 6.8            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS8       | 12:40 | 3.3      | Bottom  | 3          | 2         | 29.04           | 8.13 | 22.89         | 78.0  | 5.30     | 6.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)9   | 12:21 | 1.0      | Surface | 1          | 1         | 29.31           | 8.13 | 21.20         | 79.1  | 5.38     | 9.7            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)9   | 12:21 | 1.0      | Surface | 1          | 2         | 29.32           | 8.10 | 21.13         | 82.5  | 5.60     | 9.4            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)9   | 12:21 | 2.7      | Bottom  | 3          | 1         | 29.19           | 8.14 | 22.03         | 76.8  | 5.20     | 9.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS(Mf)9   | 12:21 | 2.7      | Bottom  | 3          | 2         | 29.24           | 8.10 | 22.48         | 74.2  | 5.05     | 9.7            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS10(N)   | 12:45 | 1.0      | Surface | 1          | 1         | 29.19           | 7.68 | 22.38         | 77.5  | 5.54     | 4.8            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS10(N)   | 12:44 | 1.0      | Surface | 1          | 2         | 29.17           | 7.69 | 22.47         | 78.8  | 5.63     | 4.3            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS10(N)   | 12:44 | 5.3      | Middle  | 2          | 1         | 28.55           | 7.70 | 24.67         | 74.2  | 5.28     | 5.2            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS10(N)   | 12:44 | 5.3      | Middle  | 2          | 2         | 28.41           | 7.66 | 25.25         | 74.0  | 5.26     | 5.4            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS10(N)   | 12:43 | 9.5      | Bottom  | 3          | 1         | 28.44           | 7.70 | 26.03         | 72.9  | 5.22     | 6.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | IS10(N)   | 12:44 | 9.5      | Bottom  | 3          | 2         | 28.37           | 7.65 | 26.60         | 72.7  | 5.20     | 6.8            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR3(N)    | 11:40 | 1.0      | Surface | 1          | 1         | 29.49           | 8.15 | 17.49         | 83.8  | 5.81     | 11.5           | 36.2     |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR3(N)    | 11:40 | 1.0      | Surface | 1          | 2         | 29.48           | 8.15 | 17.36         | 85.4  | 5.93     | 11.5           | 39.0     |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR3(N)    | 11:40 | 2.3      | Bottom  | 3          | 1         | 29.48           | 8.16 | 17.44         | 83.4  | 5.78     | 11.6           | 40.4     |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR3(N)    | 11:40 | 2.3      | Bottom  | 3          | 2         | 29.48           | 8.15 | 17.16         | 84.3  | 5.84     | 11.4           | 39.1     |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR4(N)    | 12:33 | 1.0      | Surface | 1          | 1         | 29.37           | 8.15 | 21.27         | 82.7  | 5.62     | 3.0            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR4(N)    | 12:34 | 1.0      | Surface | 1          | 2         | 29.39           | 8.13 | 21.33         | 86.4  | 5.87     | 3.1            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR4(N)    | 12:33 | 2.8      | Bottom  | 3          | 1         | 29.38           | 8.14 | 21.31         | 79.6  | 5.41     | 3.2            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR4(N)    | 12:33 | 2.8      | Bottom  | 3          | 2         | 29.33           | 8.17 | 21.36         | 80.8  | 5.49     | 3.1            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR5(N)    | 12:34 | 1.0      | Surface | 1          | 1         | 29.05           | 7.82 | 22.61         | 80.6  | 5.75     | 4.5            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR5(N)    | 12:33 | 1.0      | Surface | 1          | 2         | 29.06           | 7.83 | 22.67         | 81.2  | 5.79     | 4.8            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR5(N)    | 12:33 | 4.2      | Middle  | 2          | 1         | 28.66           | 7.84 | 24.06         | 78.4  | 5.58     | 6.2            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR5(N)    | 12:33 | 4.2      | Middle  | 2          | 2         | 28.64           | 7.83 | 23.92         | 78.1  | 5.58     | 6.3            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR5(N)    | 12:33 | 7.3      | Bottom  | 3          | 1         | 28.62           | 7.84 | 24.64         | 75.9  | 5.41     | 6.1            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR5(N)    | 12:33 | 7.3      | Bottom  | 3          | 2         | 28.60           | 7.85 | 24.73         | 76.2  | 5.44     | 6.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10A(N)  | 13:38 | 1.0      | Surface | 1          | 1         | 28.24           | 7.80 | 28.09         | 77.1  | 5.44     | 2.7            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10A(N)  | 13:39 | 1.0      | Surface | 1          | 2         | 28.21           | 7.79 | 28.13         | 79.2  | 5.56     | 2.8            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10A(N)  | 13:38 | 6.7      | Middle  | 2          | 1         | 27.97           | 7.80 | 29.73         | 75.4  | 5.30     | 3.7            | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10A(N)  | 13:38 | 6.7      | Middle  | 2          | 2         | 27.97           | 7.83 | 29.66         | 74.2  | 5.24     | 3.8            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10A(N)  | 13:38 | 12.4     | Bottom  | 3          | 1         | 28.04           | 7.82 | 29.68         | 73.7  | 5.19     | 3.3            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10A(N)  | 13:38 | 12.4     | Bottom  | 3          | 2         | 27.98           | 7.85 | 29.71         | 74.3  | 5.23     | 3.5            | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10B(N2) | 13:47 | 1.0      | Surface | 1          | 1         | 28.26           | 7.74 | 28.11         | 73.9  | 5.22     | 2.5            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10B(N2) | 13:48 | 1.0      | Surface | 1          | 2         | 28.24           | 7.72 | 28.20         | 73.5  | 5.20     | 2.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10B(N2) | 13:47 | 3.8      | Middle  | 2          | 1         | 28.09           | 7.75 | 28.70         | 72.8  | 5.15     | 3.1            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10B(N2) | 13:48 | 3.8      | Middle  | 2          | 2         | 28.01           | 7.72 | 29.31         | 72.2  | 5.10     | 3.4            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10B(N2) | 13:47 | 6.6      | Bottom  | 3          | 1         | 27.99           | 7.77 | 29.76         | 73.3  | 5.17     | 3.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | SR10B(N2) | 13:48 | 6.6      | Bottom  | 3          | 2         | 28.01           | 7.72 | 29.93         | 73.0  | 5.14     | 3.3            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS2(A)    | 11:36 | 1.0      | Surface | 1          | 1         | 28.97           | 7.88 | 20.67         | 78.2  | 5.55     | 6.3            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS2(A)    | 11:35 | 1.0      | Surface | 1          | 2         | 29.17           | 7.86 | 18.99         | 78.7  | 5.71     | 5.9            | 4.8      |

## 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 | 2017-09-13        | Mid-Flood | Fine              | CS2(A)  | 11:35 | 3.8      | Middle  | 2          | 1         | 28.31           | 7.88 | 27.78         | 76.3  | 5.52     | 7.1            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS2(A)  | 11:35 | 3.8      | Middle  | 2          | 2         | 28.35           | 7.85 | 26.47         | 75.3  | 5.45     | 6.0            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS2(A)  | 11:35 | 6.5      | Bottom  | 3          | 1         | 28.21           | 7.87 | 28.89         | 74.6  | 5.25     | 7.0            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS2(A)  | 11:35 | 6.5      | Bottom  | 3          | 2         | 28.20           | 7.87 | 28.85         | 73.3  | 5.19     | 6.8            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS(Mf)5 | 13:16 | 1.0      | Surface | 1          | 1         | 28.93           | 8.19 | 24.45         | 77.5  | 5.31     | 2.1            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS(Mf)5 | 13:15 | 1.0      | Surface | 1          | 2         | 28.63           | 8.23 | 24.75         | 81.5  | 5.49     | 2.1            | 2.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS(Mf)5 | 13:16 | 6.4      | Middle  | 2          | 1         | 28.20           | 8.18 | 27.68         | 77.0  | 5.20     | 2.2            | 3.6      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS(Mf)5 | 13:15 | 6.4      | Middle  | 2          | 2         | 28.05           | 8.22 | 28.83         | 77.9  | 5.33     | 2.2            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS(Mf)5 | 13:15 | 11.8     | Bottom  | 3          | 1         | 28.01           | 8.22 | 30.59         | 77.5  | 5.26     | 2.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-13        | Mid-Flood | Fine              | CS(Mf)5 | 13:16 | 11.8     | Bottom  | 3          | 2         | 28.30           | 8.17 | 29.33         | 75.2  | 5.13     | 2.2            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS5     | 8:51  | 1.0      | Surface | 1          | 1         | 28.54           | 8.19 | 22.66         | 83.5  | 5.68     | 4.7            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS5     | 8:51  | 1.0      | Surface | 1          | 2         | 28.54           | 8.20 | 22.64         | 87.4  | 5.95     | 4.7            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS5     | 8:51  | 4.3      | Middle  | 2          | 1         | 28.55           | 8.19 | 22.73         | 82.8  | 5.66     | 4.8            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS5     | 8:51  | 4.3      | Middle  | 2          | 2         | 28.55           | 8.21 | 22.88         | 84.8  | 5.79     | 4.8            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS5     | 8:50  | 7.5      | Bottom  | 3          | 1         | 28.56           | 8.21 | 23.45         | 84.2  | 5.76     | 4.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS5     | 8:51  | 7.5      | Bottom  | 3          | 2         | 28.55           | 8.19 | 23.44         | 82.7  | 5.65     | 4.9            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)6 | 8:42  | 1.0      | Surface | 1          | 1         | 28.67           | 8.24 | 22.55         | 94.7  | 6.47     | 6.1            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)6 | 8:42  | 1.0      | Surface | 1          | 2         | 28.65           | 8.24 | 22.61         | 93.4  | 6.37     | 6.2            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)6 | 8:42  | 2.4      | Bottom  | 3          | 1         | 28.56           | 8.22 | 22.79         | 97.1  | 6.63     | 6.0            | 3.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)6 | 8:42  | 2.4      | Bottom  | 3          | 2         | 28.61           | 8.24 | 22.87         | 91.7  | 6.26     | 6.2            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS7     | 8:34  | 1.0      | Surface | 1          | 1         | 28.64           | 8.23 | 22.52         | 91.9  | 6.26     | 3.2            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS7     | 8:34  | 1.0      | Surface | 1          | 2         | 28.64           | 8.23 | 22.64         | 91.2  | 6.22     | 3.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS7     | 8:33  | 2.4      | Bottom  | 3          | 1         | 28.65           | 8.22 | 23.09         | 90.7  | 6.20     | 3.2            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS7     | 8:34  | 2.4      | Bottom  | 3          | 2         | 28.64           | 8.23 | 22.64         | 91.1  | 6.22     | 3.2            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS8     | 8:07  | 1.0      | Surface | 1          | 1         | 28.79           | 8.21 | 22.84         | 87.4  | 5.92     | 2.9            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS8     | 8:08  | 1.0      | Surface | 1          | 2         | 28.73           | 8.21 | 22.72         | 87.7  | 5.95     | 2.8            | 2.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS8     | 8:08  | 3.0      | Bottom  | 3          | 1         | 28.82           | 8.21 | 23.25         | 87.0  | 5.93     | 3.3            | 3.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS8     | 8:07  | 3.0      | Bottom  | 3          | 2         | 28.91           | 8.20 | 23.25         | 86.1  | 5.86     | 3.4            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)9 | 8:26  | 1.0      | Surface | 1          | 1         | 28.76           | 8.21 | 22.84         | 94.5  | 6.42     | 2.5            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)9 | 8:26  | 1.0      | Surface | 1          | 2         | 28.75           | 8.22 | 22.85         | 93.5  | 6.35     | 2.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)9 | 8:25  | 2.7      | Bottom  | 3          | 1         | 28.79           | 8.20 | 23.10         | 93.5  | 6.36     | 3.5            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS(Mf)9 | 8:26  | 2.7      | Bottom  | 3          | 2         | 28.80           | 8.21 | 23.14         | 92.1  | 6.27     | 3.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS10(N) | 8:29  | 1.0      | Surface | 1          | 1         | 28.49           | 7.68 | 21.11         | 86.3  | 5.94     | 2.5            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS10(N) | 8:28  | 1.0      | Surface | 1          | 2         | 28.50           | 7.69 | 20.99         | 85.8  | 5.91     | 2.4            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS10(N) | 8:28  | 5.5      | Middle  | 2          | 1         | 28.44           | 7.68 | 21.81         | 83.8  | 5.79     | 2.6            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS10(N) | 8:28  | 5.5      | Middle  | 2          | 2         | 28.45           | 7.71 | 21.56         | 82.6  | 5.67     | 2.6            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS10(N) | 8:28  | 9.9      | Bottom  | 3          | 1         | 28.47           | 7.68 | 22.10         | 82.2  | 5.67     | 2.8            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | IS10(N) | 8:28  | 9.9      | Bottom  | 3          | 2         | 28.42           | 7.76 | 21.98         | 82.0  | 5.64     | 2.9            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR3(N)  | 9:00  | 1.0      | Surface | 1          | 1         | 28.77           | 8.23 | 22.39         | 90.4  | 6.15     | 5.4            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR3(N)  | 9:00  | 1.0      | Surface | 1          | 2         | 28.84           | 8.22 | 22.60         | 95.4  | 6.48     | 5.5            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR3(N)  | 9:00  | 2.6      | Bottom  | 3          | 1         | 28.84           | 8.22 | 22.67         | 89.6  | 6.11     | 5.2            | 3.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR3(N)  | 9:00  | 2.6      | Bottom  | 3          | 2         | 28.89           | 8.22 | 22.81         | 91.1  | 6.20     | 5.5            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR4(N)  | 8:14  | 1.0      | Surface | 1          | 1         | 28.68           | 8.19 | 21.76         | 91.1  | 6.19     | 6.0            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR4(N)  | 8:14  | 1.0      | Surface | 1          | 2         | 28.64           | 8.16 | 22.20         | 84.8  | 5.77     | 6.1            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR4(N)  | 8:14  | 2.7      | Bottom  | 3          | 1         | 28.90           | 8.18 | 22.74         | 86.6  | 5.94     | 7.3            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR4(N)  | 8:14  | 2.7      | Bottom  | 3          | 2         | 28.81           | 8.16 | 22.89         | 82.8  | 5.67     | 7.5            | 3.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR5(N)  | 8:39  | 1.0      | Surface | 1          | 1         | 28.56           | 7.69 | 21.54         | 79.9  | 5.45     | 3.6            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR5(N)  | 8:39  | 1.0      | Surface | 1          | 2         | 28.58           | 7.66 | 20.50         | 78.8  | 5.45     | 3.5            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR5(N)  | 8:39  | 4.3      | Middle  | 2          | 1         | 28.54           | 7.68 | 22.94         | 78.4  | 5.39     | 3.8            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR5(N)  | 8:39  | 4.3      | Middle  | 2          | 2         | 28.56           | 7.69 | 21.59         | 78.3  | 5.31     | 3.9            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR5(N)  | 8:39  | 7.6      | Bottom  | 3          | 1         | 28.54           | 7.65 | 24.22         | 76.5  | 5.26     | 4.2            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR5(N)  | 8:38  | 7.6      | Bottom  | 3          | 2         | 28.54           | 7.70 | 23.05         | 76.4  | 5.21     | 4.3            | 3.9      |



## 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 | 2017-09-15        | Mid-Ebb   | Fine              | SR10A(N)  | 7:25  | 1.0      | Surface | 1          | 1         | 28.26           | 7.72 | 24.89         | 85.8  | 5.82     | 0.2            | 2.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10A(N)  | 7:25  | 1.0      | Surface | 1          | 2         | 28.27           | 7.69 | 25.15         | 85.6  | 5.81     | 0.2            | 1.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10A(N)  | 7:25  | 7.1      | Middle  | 2          | 1         | 28.27           | 7.70 | 25.21         | 84.2  | 5.71     | 0.3            | 1.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10A(N)  | 7:24  | 7.1      | Middle  | 2          | 2         | 28.25           | 7.72 | 24.91         | 82.8  | 5.60     | 0.3            | 2.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10A(N)  | 7:25  | 13.2     | Bottom  | 3          | 1         | 28.27           | 7.71 | 25.28         | 82.6  | 5.59     | 0.4            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10A(N)  | 7:24  | 13.2     | Bottom  | 3          | 2         | 28.25           | 7.72 | 25.37         | 82.0  | 5.55     | 0.4            | 1.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10B(N2) | 7:15  | 1.0      | Surface | 1          | 1         | 28.21           | 7.74 | 25.28         | 81.6  | 5.53     | 0.6            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10B(N2) | 7:15  | 1.0      | Surface | 1          | 2         | 28.19           | 7.70 | 25.45         | 82.0  | 5.57     | 0.5            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10B(N2) | 7:15  | 4.0      | Middle  | 2          | 1         | 28.14           | 7.70 | 25.71         | 81.0  | 5.49     | 0.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10B(N2) | 7:15  | 4.0      | Middle  | 2          | 2         | 28.20           | 7.79 | 25.37         | 80.5  | 5.45     | 0.7            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10B(N2) | 7:15  | 7.0      | Bottom  | 3          | 1         | 28.18           | 7.71 | 25.70         | 79.8  | 5.40     | 0.9            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | SR10B(N2) | 7:15  | 7.0      | Bottom  | 3          | 2         | 28.22           | 7.73 | 24.94         | 79.6  | 5.39     | 0.9            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS2(A)    | 9:33  | 1.0      | Surface | 1          | 1         | 28.36           | 7.72 | 19.58         | 82.1  | 5.73     | 5.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS2(A)    | 9:34  | 1.0      | Surface | 1          | 2         | 28.36           | 7.71 | 18.96         | 85.7  | 5.75     | 5.2            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS2(A)    | 9:34  | 4.0      | Middle  | 2          | 1         | 28.43           | 7.70 | 20.71         | 82.5  | 5.54     | 5.5            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS2(A)    | 9:33  | 4.0      | Middle  | 2          | 2         | 28.43           | 7.72 | 21.02         | 81.1  | 5.61     | 5.6            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS2(A)    | 9:33  | 7.0      | Bottom  | 3          | 1         | 28.41           | 7.68 | 26.25         | 79.9  | 5.59     | 5.7            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS2(A)    | 9:33  | 7.0      | Bottom  | 3          | 2         | 28.43           | 7.76 | 26.31         | 78.8  | 5.46     | 5.8            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 7:40  | 1.0      | Surface | 1          | 1         | 28.51           | 8.13 | 24.15         | 75.5  | 5.12     | 1.1            | 2.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 7:40  | 1.0      | Surface | 1          | 2         | 28.58           | 8.12 | 25.00         | 77.3  | 5.21     | 1.2            | 3.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 7:40  | 6.2      | Middle  | 2          | 1         | 28.51           | 8.11 | 25.55         | 77.3  | 5.05     | 1.2            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 7:39  | 6.2      | Middle  | 2          | 2         | 28.52           | 8.13 | 26.49         | 76.9  | 5.03     | 1.1            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 7:39  | 11.4     | Bottom  | 3          | 1         | 28.14           | 8.10 | 32.08         | 74.3  | 4.98     | 1.1            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 7:40  | 11.4     | Bottom  | 3          | 2         | 28.44           | 8.08 | 30.05         | 73.0  | 4.91     | 1.2            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS5       | 15:17 | 1.0      | Surface | 1          | 1         | 29.23           | 8.29 | 22.04         | 88.7  | 6.00     | 6.5            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS5       | 15:17 | 1.0      | Surface | 1          | 2         | 29.35           | 8.29 | 22.06         | 94.9  | 6.42     | 6.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS5       | 15:17 | 4.6      | Middle  | 2          | 1         | 29.00           | 8.26 | 22.57         | 93.6  | 6.31     | 6.4            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS5       | 15:16 | 4.6      | Middle  | 2          | 2         | 28.87           | 8.27 | 22.45         | 88.3  | 5.99     | 6.6            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS5       | 15:17 | 8.2      | Bottom  | 3          | 1         | 29.06           | 8.28 | 23.86         | 90.1  | 6.12     | 6.6            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS5       | 15:16 | 8.2      | Bottom  | 3          | 2         | 28.74           | 8.29 | 23.93         | 83.9  | 5.71     | 6.5            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)6   | 15:30 | 1.0      | Surface | 1          | 1         | 29.48           | 8.34 | 22.59         | 99.6  | 6.71     | 3.8            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)6   | 15:30 | 1.0      | Surface | 1          | 2         | 29.36           | 8.32 | 22.77         | 101.1 | 6.82     | 3.7            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)6   | 15:30 | 2.0      | Bottom  | 3          | 1         | 29.31           | 8.33 | 22.92         | 99.4  | 6.70     | 3.8            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)6   | 15:30 | 2.0      | Bottom  | 3          | 2         | 29.22           | 8.35 | 22.99         | 99.4  | 6.71     | 3.7            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS7       | 15:39 | 1.0      | Surface | 1          | 1         | 29.63           | 8.35 | 22.69         | 104.8 | 7.05     | 11.3           | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS7       | 15:40 | 1.0      | Surface | 1          | 2         | 29.62           | 8.36 | 22.84         | 111.1 | 7.46     | 11.2           | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS7       | 15:40 | 2.1      | Bottom  | 3          | 1         | 29.31           | 8.33 | 23.42         | 103.4 | 6.94     | 11.4           | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS7       | 15:39 | 2.1      | Bottom  | 3          | 2         | 29.20           | 8.31 | 23.38         | 94.9  | 6.40     | 11.2           | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS8       | 16:09 | 1.0      | Surface | 1          | 1         | 29.25           | 8.22 | 21.80         | 91.9  | 6.23     | 10.5           | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS8       | 16:09 | 1.0      | Surface | 1          | 2         | 29.26           | 8.23 | 21.77         | 93.8  | 6.36     | 10.1           | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS8       | 16:09 | 3.4      | Bottom  | 3          | 1         | 29.23           | 8.22 | 22.12         | 91.3  | 6.20     | 10.4           | 14.1     |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS8       | 16:08 | 3.4      | Bottom  | 3          | 2         | 29.15           | 8.23 | 22.40         | 92.1  | 6.26     | 10.2           | 15.8     |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)9   | 15:50 | 1.0      | Surface | 1          | 1         | 29.23           | 8.27 | 22.69         | 91.7  | 6.19     | 9.8            | 13.1     |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)9   | 15:50 | 1.0      | Surface | 1          | 2         | 29.31           | 8.26 | 22.85         | 93.7  | 6.32     | 9.9            | 12.7     |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)9   | 15:50 | 2.7      | Bottom  | 3          | 1         | 29.24           | 8.26 | 23.05         | 93.0  | 6.27     | 9.7            | 14.6     |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS(Mf)9   | 15:49 | 2.7      | Bottom  | 3          | 2         | 29.11           | 8.28 | 23.46         | 91.0  | 6.14     | 9.6            | 14.3     |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS10(N)   | 15:34 | 1.0      | Surface | 1          | 1         | 29.21           | 7.82 | 20.10         | 89.1  | 6.04     | 2.9            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS10(N)   | 15:34 | 1.0      | Surface | 1          | 2         | 29.19           | 7.83 | 20.18         | 87.9  | 6.03     | 2.8            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS10(N)   | 15:34 | 5.6      | Middle  | 2          | 1         | 29.09           | 7.84 | 21.92         | 87.0  | 5.97     | 3.1            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS10(N)   | 15:34 | 5.6      | Middle  | 2          | 2         | 28.96           | 7.82 | 22.13         | 87.6  | 5.96     | 3.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS10(N)   | 15:34 | 10.1     | Bottom  | 3          | 1         | 28.84           | 7.86 | 23.28         | 85.6  | 5.83     | 3.3            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | IS10(N)   | 15:34 | 10.1     | Bottom  | 3          | 2         | 28.95           | 7.81 | 23.39         | 87.4  | 5.91     | 3.3            | 3.7      |

## 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 | 2017-09-15        | Mid-Flood | Fine              | SR3(N)    | 15:03 | 1.0      | Surface | 1          | 1         | 29.18           | 8.13 | 20.26         | 97.2  | 6.66     | 5.4            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR3(N)    | 15:03 | 1.0      | Surface | 1          | 2         | 29.19           | 8.12 | 19.95         | 97.3  | 6.68     | 5.3            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR3(N)    | 15:03 | 2.1      | Bottom  | 3          | 1         | 29.16           | 8.11 | 19.63         | 96.4  | 6.63     | 10.2           | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR3(N)    | 15:03 | 2.1      | Bottom  | 3          | 2         | 29.14           | 8.15 | 20.16         | 97.2  | 6.68     | 10.2           | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR4(N)    | 16:01 | 1.0      | Surface | 1          | 1         | 29.46           | 8.26 | 21.27         | 96.0  | 6.52     | 3.1            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR4(N)    | 16:02 | 1.0      | Surface | 1          | 2         | 29.47           | 8.24 | 21.32         | 95.0  | 6.44     | 3.1            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR4(N)    | 16:02 | 2.8      | Bottom  | 3          | 1         | 29.49           | 8.25 | 21.29         | 94.8  | 6.43     | 2.9            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR4(N)    | 16:01 | 2.8      | Bottom  | 3          | 2         | 29.43           | 8.27 | 21.30         | 95.0  | 6.45     | 3.1            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR5(N)    | 15:25 | 1.0      | Surface | 1          | 1         | 29.38           | 7.88 | 19.52         | 88.9  | 6.06     | 2.2            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR5(N)    | 15:24 | 1.0      | Surface | 1          | 2         | 29.53           | 7.93 | 19.46         | 88.2  | 6.04     | 2.1            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR5(N)    | 15:25 | 4.4      | Middle  | 2          | 1         | 28.98           | 7.89 | 21.37         | 88.1  | 6.03     | 2.3            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR5(N)    | 15:24 | 4.4      | Middle  | 2          | 2         | 29.31           | 7.97 | 20.16         | 86.5  | 5.93     | 2.3            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR5(N)    | 15:24 | 7.7      | Bottom  | 3          | 1         | 29.03           | 7.89 | 23.11         | 86.3  | 5.84     | 2.4            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR5(N)    | 15:24 | 7.7      | Bottom  | 3          | 2         | 28.95           | 7.89 | 21.88         | 85.8  | 5.87     | 2.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10A(N)  | 16:28 | 1.0      | Surface | 1          | 1         | 28.35           | 7.85 | 27.47         | 80.1  | 5.35     | 2.3            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10A(N)  | 16:29 | 1.0      | Surface | 1          | 2         | 28.36           | 7.80 | 27.61         | 79.8  | 5.33     | 2.2            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10A(N)  | 16:28 | 7.2      | Middle  | 2          | 1         | 28.38           | 7.92 | 27.75         | 78.1  | 5.21     | 2.6            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10A(N)  | 16:29 | 7.2      | Middle  | 2          | 2         | 28.38           | 7.81 | 27.74         | 78.5  | 5.24     | 2.5            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10A(N)  | 16:28 | 13.3     | Bottom  | 3          | 1         | 28.36           | 7.82 | 27.71         | 77.6  | 5.18     | 2.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10A(N)  | 16:28 | 13.3     | Bottom  | 3          | 2         | 28.36           | 7.88 | 27.87         | 77.7  | 5.19     | 2.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10B(N2) | 16:35 | 1.0      | Surface | 1          | 1         | 28.18           | 7.76 | 29.13         | 77.8  | 5.15     | 2.2            | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10B(N2) | 16:36 | 1.0      | Surface | 1          | 2         | 28.35           | 7.76 | 29.03         | 77.9  | 5.19     | 2.2            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10B(N2) | 16:36 | 4.1      | Middle  | 2          | 1         | 27.99           | 7.74 | 30.20         | 76.6  | 5.07     | 2.5            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10B(N2) | 16:35 | 4.1      | Middle  | 2          | 2         | 27.94           | 7.75 | 30.40         | 76.8  | 5.09     | 2.4            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10B(N2) | 16:35 | 7.1      | Bottom  | 3          | 1         | 27.75           | 7.77 | 31.75         | 75.0  | 4.92     | 2.6            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | SR10B(N2) | 16:35 | 7.1      | Bottom  | 3          | 2         | 28.10           | 7.74 | 31.53         | 74.7  | 4.96     | 2.7            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS2(A)    | 14:33 | 1.0      | Surface | 1          | 1         | 29.19           | 7.99 | 18.09         | 86.2  | 5.83     | 5.4            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS2(A)    | 14:33 | 1.0      | Surface | 1          | 2         | 29.54           | 7.96 | 16.11         | 85.7  | 5.85     | 5.5            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS2(A)    | 14:33 | 4.1      | Middle  | 2          | 1         | 28.98           | 7.98 | 19.34         | 84.4  | 5.86     | 5.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS2(A)    | 14:33 | 4.1      | Middle  | 2          | 2         | 28.78           | 7.95 | 22.14         | 83.4  | 5.76     | 5.7            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS2(A)    | 14:32 | 7.2      | Bottom  | 3          | 1         | 28.69           | 7.98 | 24.31         | 82.8  | 5.65     | 6.2            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS2(A)    | 14:33 | 7.2      | Bottom  | 3          | 2         | 28.76           | 7.98 | 22.40         | 82.4  | 5.75     | 6.1            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS(Mf)5   | 16:39 | 1.0      | Surface | 1          | 1         | 29.38           | 8.21 | 22.73         | 80.8  | 5.45     | 3.2            | 3.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS(Mf)5   | 16:40 | 1.0      | Surface | 1          | 2         | 29.27           | 8.21 | 22.85         | 80.5  | 5.44     | 3.2            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS(Mf)5   | 16:39 | 6.4      | Middle  | 2          | 1         | 28.40           | 8.20 | 27.17         | 81.8  | 5.39     | 3.7            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS(Mf)5   | 16:40 | 6.4      | Middle  | 2          | 2         | 28.33           | 8.18 | 27.29         | 77.1  | 5.06     | 3.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS(Mf)5   | 16:39 | 11.8     | Bottom  | 3          | 1         | 27.99           | 8.19 | 30.88         | 73.9  | 4.94     | 3.6            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-15        | Mid-Flood | Fine              | CS(Mf)5   | 16:39 | 11.8     | Bottom  | 3          | 2         | 28.17           | 8.15 | 31.06         | 72.0  | 4.81     | 3.6            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS5       | 12:16 | 1.0      | Surface | 1          | 1         | 29.71           | 8.28 | 23.43         | 84.4  | 5.63     | 5.9            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS5       | 12:17 | 1.0      | Surface | 1          | 2         | 29.67           | 8.28 | 23.52         | 84.1  | 5.62     | 5.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS5       | 12:16 | 4.6      | Middle  | 2          | 1         | 29.00           | 8.24 | 25.88         | 79.3  | 5.27     | 5.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS5       | 12:16 | 4.6      | Middle  | 2          | 2         | 28.95           | 8.24 | 26.07         | 78.0  | 5.19     | 5.8            | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS5       | 12:15 | 8.1      | Bottom  | 3          | 1         | 28.88           | 8.25 | 26.57         | 73.5  | 4.90     | 5.9            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS5       | 12:16 | 8.1      | Bottom  | 3          | 2         | 28.92           | 8.24 | 26.53         | 74.5  | 4.96     | 5.9            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:06 | 1.0      | Surface | 1          | 1         | 29.81           | 8.32 | 22.50         | 94.4  | 6.29     | 5.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:06 | 1.0      | Surface | 1          | 2         | 29.83           | 8.33 | 22.58         | 96.5  | 6.46     | 5.6            | 10.8     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:06 | 2.2      | Bottom  | 3          | 1         | 29.29           | 8.30 | 24.96         | 93.0  | 6.23     | 5.5            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:06 | 2.2      | Bottom  | 3          | 2         | 29.15           | 8.27 | 25.03         | 92.5  | 6.20     | 5.6            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS7       | 11:55 | 1.0      | Surface | 1          | 1         | 29.70           | 8.32 | 22.29         | 100.3 | 6.73     | 4.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS7       | 11:56 | 1.0      | Surface | 1          | 2         | 29.65           | 8.32 | 22.39         | 104.3 | 7.01     | 4.7            | 4.3      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS7       | 11:56 | 2.3      | Bottom  | 3          | 1         | 29.56           | 8.31 | 22.98         | 99.0  | 6.65     | 4.8            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb   | Fine              | IS7       | 11:55 | 2.3      | Bottom  | 3          | 2         | 29.22           | 8.27 | 23.26         | 93.5  | 6.30     | 4.8            | 6.3      |

## 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 | 2017-09-18        | Mid-Ebb | Fine              | IS8       | 11:22 | 1.0      | Surface | 1          | 1         | 29.83           | 8.32 | 21.36         | 88.2  | 5.95     | 6.5            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS8       | 11:22 | 1.0      | Surface | 1          | 2         | 29.85           | 8.30 | 21.47         | 88.0  | 5.93     | 6.7            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS8       | 11:22 | 3.6      | Bottom  | 3          | 1         | 29.11           | 8.25 | 25.07         | 83.6  | 5.59     | 6.6            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS8       | 11:21 | 3.6      | Bottom  | 3          | 2         | 29.12           | 8.27 | 24.96         | 84.2  | 5.63     | 6.5            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS(Mf)9   | 11:45 | 1.0      | Surface | 1          | 1         | 29.67           | 8.27 | 21.62         | 80.7  | 5.35     | 4.1            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS(Mf)9   | 11:45 | 1.0      | Surface | 1          | 2         | 29.40           | 8.21 | 22.64         | 80.1  | 5.33     | 4.4            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS(Mf)9   | 11:45 | 2.8      | Bottom  | 3          | 1         | 29.01           | 8.19 | 25.10         | 75.5  | 5.05     | 6.8            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS(Mf)9   | 11:45 | 2.8      | Bottom  | 3          | 2         | 29.35           | 8.21 | 25.01         | 75.1  | 5.06     | 6.7            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS10(N)   | 11:15 | 1.0      | Surface | 1          | 1         | 29.56           | 7.87 | 22.44         | 79.0  | 5.32     | 3.3            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS10(N)   | 11:16 | 1.0      | Surface | 1          | 2         | 29.55           | 7.88 | 22.49         | 78.7  | 5.30     | 3.4            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS10(N)   | 11:15 | 5.2      | Middle  | 2          | 1         | 28.93           | 7.86 | 24.92         | 77.2  | 5.18     | 5.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS10(N)   | 11:16 | 5.2      | Middle  | 2          | 2         | 28.89           | 7.88 | 24.92         | 76.6  | 5.14     | 5.4            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS10(N)   | 11:15 | 9.4      | Bottom  | 3          | 1         | 28.59           | 7.88 | 27.98         | 72.6  | 4.81     | 5.7            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | IS10(N)   | 11:14 | 9.4      | Bottom  | 3          | 2         | 28.62           | 7.85 | 27.80         | 72.6  | 4.82     | 5.9            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR3(N)    | 12:29 | 1.0      | Surface | 1          | 1         | 29.83           | 8.31 | 22.69         | 91.4  | 6.12     | 3.6            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR3(N)    | 12:28 | 1.0      | Surface | 1          | 2         | 29.90           | 8.32 | 22.59         | 91.5  | 6.12     | 3.5            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR3(N)    | 12:28 | 2.3      | Bottom  | 3          | 1         | 29.55           | 8.30 | 23.88         | 91.3  | 6.10     | 3.7            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR3(N)    | 12:28 | 2.3      | Bottom  | 3          | 2         | 29.43           | 8.30 | 23.67         | 90.1  | 6.04     | 3.5            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR4(N)    | 11:31 | 1.0      | Surface | 1          | 1         | 29.96           | 8.32 | 19.82         | 102.9 | 6.92     | 3.9            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR4(N)    | 11:31 | 1.0      | Surface | 1          | 2         | 29.91           | 8.31 | 20.08         | 101.7 | 6.90     | 3.8            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR4(N)    | 11:31 | 3.1      | Bottom  | 3          | 1         | 29.67           | 8.29 | 21.73         | 97.3  | 6.56     | 4.6            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR4(N)    | 11:31 | 3.1      | Bottom  | 3          | 2         | 29.79           | 8.30 | 21.79         | 99.5  | 6.75     | 4.8            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR5(N)    | 11:26 | 1.0      | Surface | 1          | 1         | 29.50           | 7.78 | 23.09         | 80.7  | 5.42     | 3.3            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR5(N)    | 11:25 | 1.0      | Surface | 1          | 2         | 29.52           | 7.78 | 23.04         | 80.9  | 5.43     | 3.3            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR5(N)    | 11:26 | 4.0      | Middle  | 2          | 1         | 29.08           | 7.77 | 24.20         | 77.0  | 5.17     | 5.6            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR5(N)    | 11:25 | 4.0      | Middle  | 2          | 2         | 29.08           | 7.79 | 24.36         | 78.2  | 5.25     | 5.4            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR5(N)    | 11:25 | 7.0      | Bottom  | 3          | 1         | 28.72           | 7.77 | 26.25         | 74.0  | 4.94     | 6.0            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR5(N)    | 11:24 | 7.0      | Bottom  | 3          | 2         | 28.69           | 7.78 | 26.25         | 73.6  | 4.91     | 6.0            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10A(N)  | 10:00 | 1.0      | Surface | 1          | 1         | 28.61           | 7.51 | 27.08         | 78.5  | 5.23     | 2.7            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10A(N)  | 10:01 | 1.0      | Surface | 1          | 2         | 28.62           | 7.51 | 27.05         | 78.0  | 5.20     | 2.7            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10A(N)  | 10:00 | 6.7      | Middle  | 2          | 1         | 28.58           | 7.46 | 27.19         | 77.8  | 5.19     | 3.1            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10A(N)  | 10:01 | 6.7      | Middle  | 2          | 2         | 28.61           | 7.49 | 27.22         | 77.5  | 5.17     | 2.9            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10A(N)  | 9:59  | 12.4     | Bottom  | 3          | 1         | 28.19           | 7.45 | 27.81         | 76.7  | 5.06     | 3.5            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10A(N)  | 10:00 | 12.4     | Bottom  | 3          | 2         | 28.22           | 7.47 | 27.80         | 75.9  | 5.05     | 3.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10B(N2) | 10:07 | 1.0      | Surface | 1          | 1         | 28.48           | 7.54 | 28.27         | 77.8  | 5.15     | 3.3            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10B(N2) | 10:08 | 1.0      | Surface | 1          | 2         | 28.51           | 7.57 | 28.30         | 77.3  | 5.12     | 3.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10B(N2) | 10:07 | 3.7      | Middle  | 2          | 1         | 28.45           | 7.53 | 28.54         | 77.3  | 5.12     | 3.4            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10B(N2) | 10:08 | 3.7      | Middle  | 2          | 2         | 28.46           | 7.56 | 28.47         | 76.8  | 5.09     | 3.3            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10B(N2) | 10:06 | 6.4      | Bottom  | 3          | 1         | 28.40           | 7.52 | 28.84         | 76.4  | 5.06     | 3.7            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | SR10B(N2) | 10:08 | 6.4      | Bottom  | 3          | 2         | 28.43           | 7.55 | 28.79         | 76.4  | 5.06     | 3.7            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS2(A)    | 12:20 | 1.0      | Surface | 1          | 1         | 29.24           | 7.81 | 24.18         | 80.5  | 5.38     | 4.7            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS2(A)    | 12:21 | 1.0      | Surface | 1          | 2         | 29.22           | 7.83 | 24.14         | 80.3  | 5.37     | 4.3            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS2(A)    | 12:21 | 3.8      | Middle  | 2          | 1         | 28.86           | 7.86 | 28.28         | 77.8  | 5.12     | 5.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS2(A)    | 12:19 | 3.8      | Middle  | 2          | 2         | 28.90           | 7.86 | 27.15         | 77.0  | 5.11     | 5.6            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS2(A)    | 12:19 | 6.6      | Bottom  | 3          | 1         | 28.49           | 7.88 | 30.08         | 75.3  | 4.94     | 6.6            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS2(A)    | 12:20 | 6.6      | Bottom  | 3          | 2         | 28.49           | 7.87 | 30.10         | 74.8  | 4.91     | 6.3            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS(Mf)5   | 10:45 | 1.0      | Surface | 1          | 1         | 29.66           | 8.24 | 22.63         | 83.8  | 5.66     | 4.6            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS(Mf)5   | 10:47 | 1.0      | Surface | 1          | 2         | 29.63           | 8.25 | 21.97         | 83.2  | 5.61     | 4.6            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS(Mf)5   | 10:46 | 6.5      | Middle  | 2          | 1         | 28.18           | 8.18 | 30.34         | 77.3  | 5.06     | 4.7            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS(Mf)5   | 10:44 | 6.5      | Middle  | 2          | 2         | 28.17           | 8.16 | 31.66         | 79.2  | 5.13     | 4.9            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS(Mf)5   | 10:44 | 11.9     | Bottom  | 3          | 1         | 27.95           | 8.13 | 34.24         | 74.3  | 4.86     | 4.8            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Ebb | Fine              | CS(Mf)5   | 10:46 | 11.9     | Bottom  | 3          | 2         | 27.92           | 8.16 | 32.31         | 72.3  | 4.76     | 4.7            | 6.6      |

## 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 | 2017-09-18        | Mid-Flood | Fine              | IS5       | 17:26 | 1.0      | Surface | 1          | 1         | 29.90           | 8.46 | 21.85         | 109.2 | 7.29     | 10.0           | 12.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS5       | 17:27 | 1.0      | Surface | 1          | 2         | 29.97           | 8.47 | 21.60         | 111.3 | 7.48     | 10.6           | 12.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS5       | 17:26 | 4.6      | Middle  | 2          | 1         | 29.69           | 8.41 | 22.32         | 104.7 | 7.03     | 10.1           | 12.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS5       | 17:26 | 4.6      | Middle  | 2          | 2         | 29.59           | 8.42 | 22.46         | 103.9 | 6.99     | 10.4           | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS5       | 17:26 | 8.1      | Bottom  | 3          | 1         | 29.67           | 8.44 | 23.66         | 92.9  | 6.24     | 10.5           | 10.9     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS5       | 17:26 | 8.1      | Bottom  | 3          | 2         | 29.22           | 8.39 | 23.77         | 89.8  | 6.04     | 10.2           | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)6   | 17:37 | 1.0      | Surface | 1          | 1         | 30.12           | 8.59 | 21.79         | 136.7 | 9.15     | 8.5            | 13.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)6   | 17:36 | 1.0      | Surface | 1          | 2         | 30.11           | 8.58 | 21.74         | 134.6 | 9.01     | 8.7            | 13.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)6   | 17:36 | 2.1      | Bottom  | 3          | 1         | 30.12           | 8.59 | 21.77         | 132.1 | 8.85     | 8.4            | 22.2     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)6   | 17:36 | 2.1      | Bottom  | 3          | 2         | 30.08           | 8.56 | 21.68         | 131.4 | 8.80     | 8.4            | 24.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS7       | 17:46 | 1.0      | Surface | 1          | 1         | 30.04           | 8.56 | 21.67         | 131.5 | 8.82     | 5.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS7       | 17:46 | 1.0      | Surface | 1          | 2         | 30.03           | 8.56 | 21.48         | 128.7 | 8.62     | 6.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS7       | 17:46 | 2.1      | Bottom  | 3          | 1         | 30.03           | 8.56 | 21.88         | 126.5 | 8.50     | 5.9            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS7       | 17:46 | 2.1      | Bottom  | 3          | 2         | 30.02           | 8.56 | 21.98         | 121.8 | 8.16     | 5.9            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS8       | 18:15 | 1.0      | Surface | 1          | 1         | 29.48           | 8.36 | 23.03         | 98.2  | 6.60     | 13.2           | 19.2     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS8       | 18:15 | 1.0      | Surface | 1          | 2         | 29.50           | 8.35 | 23.05         | 97.9  | 6.57     | 13.7           | 19.6     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS8       | 18:15 | 3.1      | Bottom  | 3          | 1         | 29.49           | 8.35 | 23.12         | 96.9  | 6.51     | 13.8           | 18.9     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS8       | 18:15 | 3.1      | Bottom  | 3          | 2         | 29.48           | 8.35 | 23.09         | 96.9  | 6.51     | 13.5           | 20.2     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)9   | 17:56 | 1.0      | Surface | 1          | 1         | 29.77           | 8.47 | 22.46         | 110.2 | 7.38     | 7.1            | 12.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)9   | 17:56 | 1.0      | Surface | 1          | 2         | 29.76           | 8.46 | 22.58         | 111.0 | 7.44     | 7.3            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)9   | 17:56 | 2.7      | Bottom  | 3          | 1         | 29.71           | 8.46 | 22.84         | 108.1 | 7.25     | 7.3            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS(MF)9   | 17:55 | 2.7      | Bottom  | 3          | 2         | 29.66           | 8.48 | 22.79         | 106.3 | 7.13     | 7.3            | 12.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS10(N)   | 18:11 | 1.0      | Surface | 1          | 1         | 29.50           | 7.85 | 23.94         | 92.7  | 6.20     | 9.3            | 11.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS10(N)   | 18:12 | 1.0      | Surface | 1          | 2         | 29.51           | 7.87 | 23.82         | 92.2  | 6.17     | 9.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS10(N)   | 18:12 | 5.3      | Middle  | 2          | 1         | 28.93           | 7.80 | 26.16         | 77.7  | 5.18     | 10.1           | 12.5     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS10(N)   | 18:10 | 5.3      | Middle  | 2          | 2         | 28.90           | 7.79 | 26.29         | 77.9  | 5.19     | 10.3           | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS10(N)   | 18:11 | 9.6      | Bottom  | 3          | 1         | 28.75           | 7.80 | 27.02         | 74.9  | 4.98     | 10.2           | 11.6     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | IS10(N)   | 18:10 | 9.6      | Bottom  | 3          | 2         | 28.71           | 7.79 | 27.09         | 74.8  | 4.97     | 10.4           | 11.5     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR3(N)    | 17:16 | 1.0      | Surface | 1          | 1         | 30.00           | 8.57 | 20.17         | 123.7 | 8.37     | 6.4            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR3(N)    | 17:16 | 1.0      | Surface | 1          | 2         | 30.00           | 8.55 | 19.89         | 120.8 | 8.19     | 6.5            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR3(N)    | 17:15 | 2.1      | Bottom  | 3          | 1         | 29.98           | 8.55 | 19.61         | 120.1 | 8.15     | 6.5            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR3(N)    | 17:16 | 2.1      | Bottom  | 3          | 2         | 29.97           | 8.56 | 20.17         | 122.6 | 8.30     | 6.5            | 11.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR4(N)    | 18:09 | 1.0      | Surface | 1          | 1         | 29.40           | 8.38 | 23.01         | 98.4  | 6.62     | 11.5           | 20.2     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR4(N)    | 18:09 | 1.0      | Surface | 1          | 2         | 29.40           | 8.35 | 23.10         | 95.3  | 6.40     | 11.8           | 20.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR4(N)    | 18:09 | 2.9      | Bottom  | 3          | 1         | 29.36           | 8.39 | 23.14         | 96.7  | 6.51     | 11.5           | 24.2     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR4(N)    | 18:09 | 2.9      | Bottom  | 3          | 2         | 29.35           | 8.35 | 23.41         | 93.8  | 6.30     | 11.4           | 22.2     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR5(N)    | 18:01 | 1.0      | Surface | 1          | 1         | 29.28           | 7.85 | 24.90         | 91.0  | 6.07     | 8.6            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR5(N)    | 18:00 | 1.0      | Surface | 1          | 2         | 29.30           | 7.84 | 24.82         | 91.6  | 6.11     | 8.5            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR5(N)    | 17:59 | 4.1      | Middle  | 2          | 1         | 29.26           | 7.83 | 25.00         | 86.7  | 5.78     | 9.2            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR5(N)    | 18:00 | 4.1      | Middle  | 2          | 2         | 29.26           | 7.85 | 24.99         | 86.0  | 5.74     | 9.2            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR5(N)    | 18:00 | 7.2      | Bottom  | 3          | 1         | 29.14           | 7.84 | 25.47         | 84.3  | 5.61     | 10.2           | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR5(N)    | 17:59 | 7.2      | Bottom  | 3          | 2         | 29.14           | 7.83 | 25.39         | 83.8  | 5.59     | 9.7            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10A(N)  | 19:18 | 1.0      | Surface | 1          | 1         | 28.42           | 7.85 | 28.99         | 80.0  | 5.29     | 6.2            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10A(N)  | 19:17 | 1.0      | Surface | 1          | 2         | 28.43           | 7.86 | 28.95         | 79.7  | 5.27     | 5.9            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10A(N)  | 19:17 | 7.6      | Middle  | 2          | 1         | 28.27           | 7.86 | 29.76         | 78.5  | 5.18     | 7.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10A(N)  | 19:16 | 7.6      | Middle  | 2          | 2         | 28.30           | 7.85 | 29.69         | 77.8  | 5.14     | 7.7            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10A(N)  | 19:16 | 14.2     | Bottom  | 3          | 1         | 28.09           | 7.84 | 30.72         | 75.0  | 4.95     | 8.0            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10A(N)  | 19:17 | 14.2     | Bottom  | 3          | 2         | 28.10           | 7.87 | 30.78         | 75.3  | 4.94     | 8.1            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10B(N2) | 19:28 | 1.0      | Surface | 1          | 1         | 28.04           | 7.84 | 32.12         | 80.9  | 5.29     | 7.7            | 16.5     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10B(N2) | 19:30 | 1.0      | Surface | 1          | 2         | 28.06           | 7.84 | 32.10         | 81.3  | 5.32     | 7.8            | 17.1     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10B(N2) | 19:29 | 3.9      | Middle  | 2          | 1         | 28.05           | 7.88 | 32.24         | 78.7  | 5.15     | 8.5            | 17.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10B(N2) | 19:28 | 3.9      | Middle  | 2          | 2         | 28.04           | 7.86 | 32.16         | 78.3  | 5.13     | 8.3            | 15.0     |

## 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 | 2017-09-18        | Mid-Flood | Fine              | SR10B(N2) | 19:29 | 6.8      | Bottom  | 3          | 1         | 28.05           | 7.87 | 32.27         | 76.7  | 5.02     | 9.1            | 21.8     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | SR10B(N2) | 19:27 | 6.8      | Bottom  | 3          | 2         | 28.04           | 7.86 | 32.23         | 76.7  | 5.02     | 8.8            | 24.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS2(A)    | 17:00 | 1.0      | Surface | 1          | 1         | 29.73           | 7.84 | 21.52         | 79.0  | 5.33     | 10.1           | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS2(A)    | 17:01 | 1.0      | Surface | 1          | 2         | 29.70           | 7.81 | 21.54         | 78.8  | 5.31     | 9.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS2(A)    | 17:01 | 3.9      | Middle  | 2          | 1         | 29.67           | 7.83 | 22.27         | 77.2  | 5.20     | 11.5           | 12.0     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS2(A)    | 16:59 | 3.9      | Middle  | 2          | 2         | 29.64           | 7.81 | 22.31         | 78.0  | 5.25     | 11.8           | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS2(A)    | 16:59 | 6.8      | Bottom  | 3          | 1         | 29.17           | 7.83 | 24.87         | 75.4  | 5.04     | 13.7           | 15.3     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS2(A)    | 17:00 | 6.8      | Bottom  | 3          | 2         | 29.15           | 7.83 | 24.78         | 75.6  | 5.03     | 14.0           | 13.5     |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS(Mf)5   | 18:45 | 1.0      | Surface | 1          | 1         | 29.11           | 8.28 | 24.52         | 79.6  | 5.28     | 4.1            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS(Mf)5   | 18:44 | 1.0      | Surface | 1          | 2         | 28.96           | 8.28 | 25.56         | 79.0  | 5.24     | 4.1            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS(Mf)5   | 18:45 | 6.6      | Middle  | 2          | 1         | 28.32           | 8.26 | 28.70         | 75.7  | 5.07     | 4.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS(Mf)5   | 18:44 | 6.6      | Middle  | 2          | 2         | 28.34           | 8.28 | 28.65         | 76.1  | 5.08     | 4.8            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS(Mf)5   | 18:45 | 12.2     | Bottom  | 3          | 1         | 28.28           | 8.26 | 28.87         | 71.9  | 4.77     | 4.7            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-18        | Mid-Flood | Fine              | CS(Mf)5   | 18:43 | 12.2     | Bottom  | 3          | 2         | 28.25           | 8.29 | 28.87         | 73.0  | 4.84     | 4.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 1.0      | Surface | 1          | 1         | 29.38           | 8.24 | 21.95         | 80.1  | 5.42     | 12.2           | 20.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 1.0      | Surface | 1          | 2         | 29.38           | 8.25 | 21.86         | 80.3  | 5.44     | 12.4           | 18.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:50 | 4.3      | Middle  | 2          | 1         | 29.38           | 8.25 | 21.89         | 80.3  | 5.44     | 12.2           | 20.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 4.3      | Middle  | 2          | 2         | 29.37           | 8.24 | 22.03         | 79.9  | 5.41     | 12.1           | 19.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 7.6      | Bottom  | 3          | 1         | 29.37           | 8.24 | 21.97         | 80.1  | 5.42     | 12.6           | 24.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:50 | 7.6      | Bottom  | 3          | 2         | 29.38           | 8.26 | 21.93         | 80.6  | 5.46     | 12.0           | 24.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 1.0      | Surface | 1          | 1         | 29.35           | 8.26 | 22.55         | 88.8  | 5.99     | 8.5            | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 1.0      | Surface | 1          | 2         | 29.35           | 8.25 | 22.59         | 90.2  | 6.09     | 8.5            | 16.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 2.2      | Bottom  | 3          | 1         | 29.35           | 8.27 | 22.54         | 86.2  | 5.82     | 8.5            | 18.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 2.2      | Bottom  | 3          | 2         | 29.35           | 8.26 | 22.58         | 87.3  | 5.89     | 8.5            | 18.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS7       | 12:10 | 1.0      | Surface | 1          | 1         | 29.36           | 8.24 | 22.69         | 84.3  | 5.69     | 7.5            | 14.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS7       | 12:10 | 1.0      | Surface | 1          | 2         | 29.37           | 8.24 | 22.65         | 84.5  | 5.70     | 7.8            | 14.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS7       | 12:10 | 2.5      | Bottom  | 3          | 1         | 29.35           | 8.25 | 22.67         | 84.7  | 5.71     | 8.2            | 19.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS7       | 12:10 | 2.5      | Bottom  | 3          | 2         | 29.36           | 8.24 | 22.69         | 84.2  | 5.68     | 8.4            | 18.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS8       | 12:39 | 1.0      | Surface | 1          | 1         | 29.48           | 8.25 | 22.61         | 78.1  | 5.26     | 6.3            | 11.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS8       | 12:38 | 1.0      | Surface | 1          | 2         | 29.45           | 8.26 | 22.61         | 78.3  | 5.27     | 6.6            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS8       | 12:38 | 3.1      | Bottom  | 3          | 1         | 29.35           | 8.25 | 23.06         | 78.3  | 5.27     | 7.3            | 15.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS8       | 12:38 | 3.1      | Bottom  | 3          | 2         | 29.36           | 8.24 | 23.39         | 78.1  | 5.24     | 7.2            | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:19 | 1.0      | Surface | 1          | 1         | 29.35           | 8.24 | 22.73         | 84.0  | 5.67     | 10.4           | 16.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:20 | 1.0      | Surface | 1          | 2         | 29.35           | 8.24 | 22.75         | 84.1  | 5.67     | 9.9            | 17.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:19 | 2.6      | Bottom  | 3          | 1         | 29.35           | 8.24 | 22.74         | 84.1  | 5.67     | 10.0           | 18.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)9   | 12:19 | 2.6      | Bottom  | 3          | 2         | 29.35           | 8.24 | 22.77         | 83.9  | 5.66     | 9.9            | 18.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS10(N)   | 12:38 | 1.0      | Surface | 1          | 1         | 29.60           | 7.75 | 23.28         | 75.8  | 5.07     | 5.4            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS10(N)   | 12:38 | 1.0      | Surface | 1          | 2         | 29.62           | 7.74 | 23.25         | 75.7  | 5.07     | 5.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS10(N)   | 12:38 | 5.5      | Middle  | 2          | 1         | 29.50           | 7.79 | 23.53         | 75.3  | 5.05     | 5.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS10(N)   | 12:38 | 5.5      | Middle  | 2          | 2         | 29.53           | 7.74 | 23.50         | 75.6  | 5.06     | 5.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS10(N)   | 12:38 | 9.9      | Bottom  | 3          | 1         | 29.60           | 7.74 | 24.13         | 75.6  | 5.04     | 5.6            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS10(N)   | 12:37 | 9.9      | Bottom  | 3          | 2         | 29.43           | 7.83 | 24.87         | 75.2  | 5.01     | 5.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR3(N)    | 11:42 | 1.0      | Surface | 1          | 1         | 29.40           | 8.46 | 20.61         | 87.5  | 5.97     | 12.4           | 19.5     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR3(N)    | 11:42 | 1.0      | Surface | 1          | 2         | 29.38           | 8.36 | 20.97         | 87.7  | 5.98     | 12.4           | 18.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR3(N)    | 11:41 | 3.2      | Bottom  | 3          | 1         | 29.46           | 8.65 | 20.34         | 84.0  | 5.71     | 12.6           | 19.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR3(N)    | 11:42 | 3.2      | Bottom  | 3          | 2         | 29.39           | 8.40 | 20.79         | 85.7  | 5.84     | 12.7           | 18.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR4(N)    | 12:28 | 1.0      | Surface | 1          | 1         | 29.42           | 8.32 | 22.17         | 83.5  | 5.64     | 5.9            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR4(N)    | 12:29 | 1.0      | Surface | 1          | 2         | 29.42           | 8.29 | 22.37         | 86.8  | 5.86     | 5.6            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR4(N)    | 12:29 | 2.8      | Bottom  | 3          | 1         | 29.44           | 8.30 | 22.34         | 82.2  | 5.55     | 6.5            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR4(N)    | 12:28 | 2.8      | Bottom  | 3          | 2         | 29.30           | 8.35 | 22.60         | 81.0  | 5.47     | 6.4            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR5(N)    | 12:32 | 1.0      | Surface | 1          | 1         | 29.57           | 7.90 | 23.38         | 80.9  | 5.40     | 5.4            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR5(N)    | 12:32 | 1.0      | Surface | 1          | 2         | 29.59           | 7.79 | 23.29         | 79.5  | 5.32     | 5.4            | 8.5      |

## 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 | 2017-09-20        | Mid-Ebb   | Fine              | SR5(N)    | 12:32 | 4.2      | Middle  | 2          | 1         | 29.52           | 7.82 | 23.52         | 78.4  | 5.25     | 5.6            | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR5(N)    | 12:32 | 4.2      | Middle  | 2          | 2         | 29.50           | 7.98 | 23.61         | 77.6  | 5.17     | 5.5            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR5(N)    | 12:31 | 7.4      | Bottom  | 3          | 1         | 29.44           | 7.98 | 24.40         | 76.5  | 5.12     | 5.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR5(N)    | 12:32 | 7.4      | Bottom  | 3          | 2         | 29.52           | 7.84 | 24.42         | 76.5  | 5.12     | 5.8            | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10A(N)  | 13:19 | 1.0      | Surface | 1          | 1         | 28.99           | 7.99 | 26.34         | 79.7  | 5.28     | 4.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10A(N)  | 13:19 | 1.0      | Surface | 1          | 2         | 29.10           | 7.89 | 26.61         | 81.7  | 5.41     | 4.2            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10A(N)  | 13:19 | 6.9      | Middle  | 2          | 1         | 29.07           | 7.91 | 26.72         | 78.9  | 5.24     | 4.3            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10A(N)  | 13:19 | 6.9      | Middle  | 2          | 2         | 28.92           | 8.05 | 27.41         | 78.7  | 5.22     | 4.4            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10A(N)  | 13:19 | 12.8     | Bottom  | 3          | 1         | 29.03           | 7.94 | 26.91         | 77.7  | 5.15     | 4.5            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10A(N)  | 13:19 | 12.8     | Bottom  | 3          | 2         | 28.90           | 7.99 | 27.52         | 78.1  | 5.17     | 4.5            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10B(N2) | 13:25 | 1.0      | Surface | 1          | 1         | 29.07           | 7.80 | 26.85         | 76.8  | 5.09     | 4.3            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10B(N2) | 13:25 | 1.0      | Surface | 1          | 2         | 29.03           | 7.81 | 26.87         | 76.7  | 5.08     | 4.2            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10B(N2) | 13:25 | 3.8      | Middle  | 2          | 1         | 29.08           | 7.80 | 26.80         | 76.4  | 5.06     | 4.3            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10B(N2) | 13:25 | 3.8      | Middle  | 2          | 2         | 29.01           | 7.82 | 27.00         | 76.4  | 5.06     | 4.4            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10B(N2) | 13:25 | 6.6      | Bottom  | 3          | 1         | 29.00           | 7.86 | 27.03         | 76.2  | 5.05     | 4.6            | 12.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | SR10B(N2) | 13:25 | 6.6      | Bottom  | 3          | 2         | 29.08           | 7.80 | 26.78         | 76.1  | 5.04     | 4.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 1.0      | Surface | 1          | 1         | 28.94           | 7.91 | 27.68         | 79.1  | 5.22     | 9.5            | 13.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 1.0      | Surface | 1          | 2         | 28.98           | 7.98 | 27.67         | 79.3  | 5.24     | 9.4            | 13.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 4.0      | Middle  | 2          | 1         | 28.93           | 8.04 | 27.80         | 76.0  | 5.02     | 9.6            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 4.0      | Middle  | 2          | 2         | 28.90           | 7.94 | 27.82         | 77.0  | 5.08     | 9.6            | 13.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 6.9      | Bottom  | 3          | 1         | 28.96           | 7.96 | 27.77         | 73.9  | 4.88     | 9.8            | 15.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS2(A)    | 11:38 | 6.9      | Bottom  | 3          | 2         | 28.87           | 7.99 | 28.20         | 74.6  | 4.93     | 9.9            | 15.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:08 | 1.0      | Surface | 1          | 1         | 29.50           | 8.23 | 22.85         | 79.8  | 5.41     | 6.6            | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:07 | 1.0      | Surface | 1          | 2         | 29.44           | 8.23 | 22.91         | 80.2  | 5.43     | 6.7            | 10.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:08 | 6.2      | Middle  | 2          | 1         | 29.05           | 8.22 | 24.65         | 76.0  | 5.11     | 8.7            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:07 | 6.2      | Middle  | 2          | 2         | 29.03           | 8.22 | 24.65         | 75.5  | 5.08     | 8.9            | 12.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:08 | 11.4     | Bottom  | 3          | 1         | 29.04           | 8.22 | 24.75         | 75.1  | 5.04     | 8.9            | 12.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5   | 13:07 | 11.4     | Bottom  | 3          | 2         | 29.03           | 8.22 | 24.66         | 74.6  | 5.01     | 9.2            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5       | 6:58  | 1.0      | Surface | 1          | 1         | 29.21           | 8.26 | 23.64         | 90.4  | 6.08     | 6.5            | 13.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5       | 6:59  | 1.0      | Surface | 1          | 2         | 29.17           | 8.26 | 23.58         | 92.0  | 6.19     | 6.3            | 13.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5       | 6:58  | 4.4      | Middle  | 2          | 1         | 29.22           | 8.26 | 23.65         | 88.3  | 5.94     | 7.0            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5       | 6:58  | 4.4      | Middle  | 2          | 2         | 29.22           | 8.26 | 23.71         | 89.8  | 6.03     | 6.7            | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5       | 6:58  | 7.7      | Bottom  | 3          | 1         | 29.21           | 8.27 | 23.62         | 88.8  | 5.97     | 7.2            | 14.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5       | 6:58  | 7.7      | Bottom  | 3          | 2         | 29.21           | 8.26 | 23.69         | 89.4  | 6.01     | 6.8            | 16.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6   | 6:51  | 1.0      | Surface | 1          | 1         | 29.18           | 8.26 | 23.62         | 90.6  | 6.10     | 5.3            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6   | 6:52  | 1.0      | Surface | 1          | 2         | 29.18           | 8.26 | 23.63         | 90.5  | 6.09     | 5.5            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6   | 6:51  | 2.4      | Bottom  | 3          | 1         | 29.18           | 8.26 | 23.64         | 90.5  | 6.09     | 5.4            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6   | 6:51  | 2.4      | Bottom  | 3          | 2         | 29.19           | 8.26 | 23.65         | 90.6  | 6.10     | 5.0            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7       | 6:42  | 1.0      | Surface | 1          | 1         | 29.15           | 8.24 | 23.48         | 93.8  | 6.32     | 5.0            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7       | 6:42  | 1.0      | Surface | 1          | 2         | 29.17           | 8.25 | 23.55         | 96.6  | 6.52     | 5.3            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7       | 6:42  | 2.3      | Bottom  | 3          | 1         | 29.11           | 8.23 | 23.40         | 91.7  | 6.17     | 4.9            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7       | 6:42  | 2.3      | Bottom  | 3          | 2         | 29.18           | 8.24 | 23.57         | 92.5  | 6.23     | 5.2            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8       | 6:16  | 1.0      | Surface | 1          | 1         | 29.23           | 8.19 | 22.75         | 84.8  | 5.73     | 7.7            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8       | 6:16  | 1.0      | Surface | 1          | 2         | 29.22           | 8.18 | 22.90         | 87.5  | 5.90     | 7.5            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8       | 6:16  | 2.8      | Bottom  | 3          | 1         | 29.20           | 8.19 | 23.13         | 82.1  | 5.54     | 7.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8       | 6:16  | 2.8      | Bottom  | 3          | 2         | 29.21           | 8.18 | 23.12         | 82.8  | 5.58     | 7.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9   | 6:35  | 1.0      | Surface | 1          | 1         | 29.12           | 8.21 | 23.30         | 89.6  | 6.05     | 5.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9   | 6:35  | 1.0      | Surface | 1          | 2         | 29.12           | 8.20 | 23.31         | 88.2  | 5.90     | 5.6            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9   | 6:35  | 2.6      | Bottom  | 3          | 1         | 29.13           | 8.20 | 23.50         | 87.0  | 5.86     | 5.3            | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9   | 6:35  | 2.6      | Bottom  | 3          | 2         | 29.11           | 8.21 | 23.46         | 85.5  | 5.77     | 5.5            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)   | 6:28  | 1.0      | Surface | 1          | 1         | 29.07           | 7.60 | 24.18         | 80.2  | 5.39     | 6.3            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)   | 6:29  | 1.0      | Surface | 1          | 2         | 29.05           | 7.62 | 24.09         | 83.4  | 5.57     | 6.3            | 8.8      |

## 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 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)   | 6:29  | 5.5      | Middle  | 2          | 1         | 29.06           | 7.61 | 24.37         | 79.3  | 5.33     | 6.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)   | 6:28  | 5.5      | Middle  | 2          | 2         | 29.06           | 7.60 | 24.29         | 78.1  | 5.22     | 6.6            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)   | 6:28  | 9.9      | Bottom  | 3          | 1         | 29.04           | 7.67 | 25.39         | 77.1  | 5.18     | 6.8            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)   | 6:28  | 9.9      | Bottom  | 3          | 2         | 29.02           | 7.60 | 25.26         | 77.5  | 5.22     | 6.7            | 12.5     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)    | 7:07  | 1.0      | Surface | 1          | 1         | 29.18           | 8.26 | 23.61         | 87.8  | 5.91     | 5.3            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)    | 7:07  | 1.0      | Surface | 1          | 2         | 29.20           | 8.26 | 23.66         | 87.5  | 5.89     | 5.6            | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)    | 7:07  | 3.1      | Bottom  | 3          | 1         | 29.20           | 8.26 | 23.68         | 87.6  | 5.89     | 5.8            | 13.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)    | 7:07  | 3.1      | Bottom  | 3          | 2         | 29.22           | 8.26 | 23.69         | 87.8  | 5.90     | 5.8            | 13.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)    | 6:25  | 1.0      | Surface | 1          | 1         | 29.23           | 8.17 | 22.78         | 79.8  | 5.39     | 7.1            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)    | 6:24  | 1.0      | Surface | 1          | 2         | 29.22           | 8.18 | 22.95         | 80.1  | 5.41     | 7.2            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)    | 6:25  | 2.8      | Bottom  | 3          | 1         | 29.23           | 8.17 | 22.98         | 79.9  | 5.39     | 7.4            | 13.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)    | 6:24  | 2.8      | Bottom  | 3          | 2         | 29.20           | 8.17 | 23.29         | 80.3  | 5.41     | 7.6            | 13.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)    | 6:37  | 1.0      | Surface | 1          | 1         | 29.07           | 7.62 | 24.82         | 79.4  | 5.31     | 6.1            | 10.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)    | 6:37  | 1.0      | Surface | 1          | 2         | 29.08           | 7.63 | 24.65         | 79.6  | 5.35     | 6.1            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)    | 6:37  | 4.3      | Middle  | 2          | 1         | 29.00           | 7.61 | 25.31         | 75.4  | 5.02     | 6.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)    | 6:37  | 4.3      | Middle  | 2          | 2         | 29.02           | 7.62 | 25.24         | 76.7  | 5.14     | 6.2            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)    | 6:36  | 7.6      | Bottom  | 3          | 1         | 28.95           | 7.61 | 25.83         | 74.4  | 4.98     | 6.5            | 13.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)    | 6:37  | 7.6      | Bottom  | 3          | 2         | 29.06           | 7.61 | 25.84         | 74.4  | 4.99     | 6.6            | 14.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N)  | 5:37  | 1.0      | Surface | 1          | 1         | 29.08           | 7.63 | 25.27         | 76.0  | 5.07     | 4.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N)  | 5:37  | 1.0      | Surface | 1          | 2         | 29.07           | 7.61 | 24.95         | 75.9  | 5.08     | 4.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N)  | 5:37  | 7        | Middle  | 2          | 1         | 28.95           | 7.62 | 25.51         | 75.4  | 5.04     | 4.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N)  | 5:36  | 7        | Middle  | 2          | 2         | 29.03           | 7.60 | 25.40         | 75.8  | 5.03     | 4.4            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N)  | 5:37  | 12.9     | Bottom  | 3          | 1         | 28.97           | 7.61 | 26.87         | 75.3  | 5.03     | 4.6            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N)  | 5:36  | 12.9     | Bottom  | 3          | 2         | 28.80           | 7.57 | 27.28         | 74.8  | 4.97     | 4.7            | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:24  | 1.0      | Surface | 1          | 1         | 29.06           | 7.56 | 25.30         | 76.1  | 5.08     | 4.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 1.0      | Surface | 1          | 2         | 29.07           | 7.53 | 25.26         | 75.8  | 5.07     | 4.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 3.9      | Middle  | 2          | 1         | 28.92           | 7.57 | 25.50         | 75.5  | 5.05     | 4.3            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 3.9      | Middle  | 2          | 2         | 28.93           | 7.55 | 25.52         | 76.1  | 5.04     | 4.3            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 6.7      | Bottom  | 3          | 1         | 28.73           | 7.57 | 27.75         | 73.9  | 4.90     | 4.4            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 6.7      | Bottom  | 3          | 2         | 29.03           | 7.53 | 27.10         | 74.3  | 4.97     | 4.5            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 1.0      | Surface | 1          | 1         | 29.07           | 7.68 | 24.66         | 75.6  | 5.07     | 6.3            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:29  | 1.0      | Surface | 1          | 2         | 29.02           | 7.69 | 24.49         | 75.7  | 5.01     | 6.4            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 4.0      | Middle  | 2          | 1         | 29.06           | 7.72 | 25.34         | 75.1  | 5.04     | 6.7            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 4.0      | Middle  | 2          | 2         | 29.06           | 7.67 | 25.18         | 75.6  | 5.06     | 6.6            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 6.9      | Bottom  | 3          | 1         | 28.98           | 7.66 | 27.17         | 75.1  | 4.99     | 6.9            | 12.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 6.9      | Bottom  | 3          | 2         | 29.07           | 7.69 | 26.45         | 75.1  | 5.01     | 6.8            | 14.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 1.0      | Surface | 1          | 1         | 29.28           | 8.12 | 24.38         | 81.9  | 5.43     | 4.6            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:47  | 1.0      | Surface | 1          | 2         | 29.30           | 8.13 | 23.51         | 85.4  | 5.60     | 4.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 6.2      | Middle  | 2          | 1         | 29.19           | 8.12 | 25.14         | 78.2  | 5.26     | 5.0            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 6.2      | Middle  | 2          | 2         | 29.17           | 8.10 | 26.38         | 80.5  | 5.39     | 5.1            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 11.4     | Bottom  | 3          | 1         | 28.96           | 8.10 | 28.88         | 78.2  | 5.22     | 6.0            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 11.4     | Bottom  | 3          | 2         | 29.14           | 8.11 | 26.34         | 78.5  | 5.21     | 5.8            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 1.0      | Surface | 1          | 1         | 29.38           | 8.24 | 21.95         | 80.1  | 5.42     | 12.2           | 20.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 1.0      | Surface | 1          | 2         | 29.38           | 8.25 | 21.86         | 80.3  | 5.44     | 12.4           | 18.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:50 | 4.3      | Middle  | 2          | 1         | 29.38           | 8.25 | 21.89         | 80.3  | 5.44     | 12.2           | 20.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 4.3      | Middle  | 2          | 2         | 29.37           | 8.24 | 22.03         | 79.9  | 5.41     | 12.1           | 19.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:51 | 7.6      | Bottom  | 3          | 1         | 29.37           | 8.24 | 21.97         | 80.1  | 5.42     | 12.6           | 24.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS5       | 11:50 | 7.6      | Bottom  | 3          | 2         | 29.38           | 8.26 | 21.93         | 80.6  | 5.46     | 12.0           | 24.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 1.0      | Surface | 1          | 1         | 29.35           | 8.26 | 22.55         | 88.8  | 5.99     | 8.5            | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 1.0      | Surface | 1          | 2         | 29.35           | 8.25 | 22.59         | 90.2  | 6.09     | 8.5            | 16.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 2.2      | Bottom  | 3          | 1         | 29.35           | 8.27 | 22.54         | 86.2  | 5.82     | 8.5            | 18.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | IS(Mf)6   | 12:00 | 2.2      | Bottom  | 3          | 2         | 29.35           | 8.26 | 22.58         | 87.3  | 5.89     | 8.5            | 18.0     |

## 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 | 2017-09-20        | Mid-Ebb | Fine              | IS7       | 12:10 | 1.0      | Surface | 1          | 1         | 29.36           | 8.24 | 22.69         | 84.3  | 5.69     | 7.5            | 14.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS7       | 12:10 | 1.0      | Surface | 1          | 2         | 29.37           | 8.24 | 22.65         | 84.5  | 5.70     | 7.8            | 14.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS7       | 12:10 | 2.5      | Bottom  | 3          | 1         | 29.35           | 8.25 | 22.67         | 84.7  | 5.71     | 8.2            | 19.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS7       | 12:10 | 2.5      | Bottom  | 3          | 2         | 29.36           | 8.24 | 22.69         | 84.2  | 5.68     | 8.4            | 18.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS8       | 12:39 | 1.0      | Surface | 1          | 1         | 29.48           | 8.25 | 22.61         | 78.1  | 5.26     | 6.3            | 11.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS8       | 12:38 | 1.0      | Surface | 1          | 2         | 29.45           | 8.26 | 22.61         | 78.3  | 5.27     | 6.6            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS8       | 12:38 | 3.1      | Bottom  | 3          | 1         | 29.35           | 8.25 | 23.06         | 78.3  | 5.27     | 7.3            | 15.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS8       | 12:38 | 3.1      | Bottom  | 3          | 2         | 29.36           | 8.24 | 23.39         | 78.1  | 5.24     | 7.2            | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS(Mf)9   | 12:19 | 1.0      | Surface | 1          | 1         | 29.35           | 8.24 | 22.73         | 84.0  | 5.67     | 10.4           | 16.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS(Mf)9   | 12:20 | 1.0      | Surface | 1          | 2         | 29.35           | 8.24 | 22.75         | 84.1  | 5.67     | 9.9            | 17.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS(Mf)9   | 12:19 | 2.6      | Bottom  | 3          | 1         | 29.35           | 8.24 | 22.74         | 84.1  | 5.67     | 10.0           | 18.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS(Mf)9   | 12:19 | 2.6      | Bottom  | 3          | 2         | 29.35           | 8.24 | 22.77         | 83.9  | 5.66     | 9.9            | 18.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS10(N)   | 12:38 | 1.0      | Surface | 1          | 1         | 29.60           | 7.75 | 23.28         | 75.8  | 5.07     | 5.4            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS10(N)   | 12:38 | 1.0      | Surface | 1          | 2         | 29.62           | 7.74 | 23.25         | 75.7  | 5.07     | 5.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS10(N)   | 12:38 | 5.5      | Middle  | 2          | 1         | 29.50           | 7.79 | 23.53         | 75.3  | 5.05     | 5.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS10(N)   | 12:38 | 5.5      | Middle  | 2          | 2         | 29.53           | 7.74 | 23.50         | 75.6  | 5.06     | 5.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS10(N)   | 12:38 | 9.9      | Bottom  | 3          | 1         | 29.60           | 7.74 | 24.13         | 75.6  | 5.04     | 5.6            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | IS10(N)   | 12:37 | 9.9      | Bottom  | 3          | 2         | 29.43           | 7.83 | 24.87         | 75.2  | 5.01     | 5.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR3(N)    | 11:42 | 1.0      | Surface | 1          | 1         | 29.40           | 8.46 | 20.61         | 87.5  | 5.97     | 12.4           | 19.5     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR3(N)    | 11:42 | 1.0      | Surface | 1          | 2         | 29.38           | 8.36 | 20.97         | 87.7  | 5.98     | 12.4           | 18.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR3(N)    | 11:41 | 3.2      | Bottom  | 3          | 1         | 29.46           | 8.65 | 20.34         | 84.0  | 5.71     | 12.6           | 19.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR3(N)    | 11:42 | 3.2      | Bottom  | 3          | 2         | 29.39           | 8.40 | 20.79         | 85.7  | 5.84     | 12.7           | 18.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR4(N)    | 12:28 | 1.0      | Surface | 1          | 1         | 29.42           | 8.32 | 22.17         | 83.5  | 5.64     | 5.9            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR4(N)    | 12:29 | 1.0      | Surface | 1          | 2         | 29.42           | 8.29 | 22.37         | 86.8  | 5.86     | 5.6            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR4(N)    | 12:29 | 2.8      | Bottom  | 3          | 1         | 29.44           | 8.30 | 22.34         | 82.2  | 5.55     | 6.5            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR4(N)    | 12:28 | 2.8      | Bottom  | 3          | 2         | 29.30           | 8.35 | 22.60         | 81.0  | 5.47     | 6.4            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR5(N)    | 12:32 | 1.0      | Surface | 1          | 1         | 29.57           | 7.90 | 23.38         | 80.9  | 5.40     | 5.4            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR5(N)    | 12:32 | 1.0      | Surface | 1          | 2         | 29.59           | 7.79 | 23.29         | 79.5  | 5.32     | 5.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR5(N)    | 12:32 | 4.2      | Middle  | 2          | 1         | 29.52           | 7.82 | 23.52         | 78.4  | 5.25     | 5.6            | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR5(N)    | 12:32 | 4.2      | Middle  | 2          | 2         | 29.50           | 7.98 | 23.61         | 77.6  | 5.17     | 5.5            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR5(N)    | 12:31 | 7.4      | Bottom  | 3          | 1         | 29.44           | 7.98 | 24.40         | 76.5  | 5.12     | 5.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR5(N)    | 12:32 | 7.4      | Bottom  | 3          | 2         | 29.52           | 7.84 | 24.42         | 76.5  | 5.12     | 5.8            | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10A(N)  | 13:19 | 1.0      | Surface | 1          | 1         | 28.99           | 7.99 | 26.34         | 79.7  | 5.28     | 4.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10A(N)  | 13:19 | 1.0      | Surface | 1          | 2         | 29.10           | 7.89 | 26.61         | 81.7  | 5.41     | 4.2            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10A(N)  | 13:19 | 6.9      | Middle  | 2          | 1         | 29.07           | 7.91 | 26.72         | 78.9  | 5.24     | 4.3            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10A(N)  | 13:19 | 6.9      | Middle  | 2          | 2         | 28.92           | 8.05 | 27.41         | 78.7  | 5.22     | 4.4            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10A(N)  | 13:19 | 12.8     | Bottom  | 3          | 1         | 29.03           | 7.94 | 26.91         | 77.7  | 5.15     | 4.5            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10A(N)  | 13:19 | 12.8     | Bottom  | 3          | 2         | 28.90           | 7.99 | 27.52         | 78.1  | 5.17     | 4.5            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10B(N2) | 13:25 | 1.0      | Surface | 1          | 1         | 29.07           | 7.80 | 26.85         | 76.8  | 5.09     | 4.3            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10B(N2) | 13:25 | 1.0      | Surface | 1          | 2         | 29.03           | 7.81 | 26.87         | 76.7  | 5.08     | 4.2            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10B(N2) | 13:25 | 3.8      | Middle  | 2          | 1         | 29.08           | 7.80 | 26.80         | 76.4  | 5.06     | 4.3            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10B(N2) | 13:25 | 3.8      | Middle  | 2          | 2         | 29.01           | 7.82 | 27.00         | 76.4  | 5.06     | 4.4            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10B(N2) | 13:25 | 6.6      | Bottom  | 3          | 1         | 29.00           | 7.86 | 27.03         | 76.2  | 5.05     | 4.6            | 12.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | SR10B(N2) | 13:25 | 6.6      | Bottom  | 3          | 2         | 29.08           | 7.80 | 26.78         | 76.1  | 5.04     | 4.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS2(A)    | 11:38 | 1.0      | Surface | 1          | 1         | 28.94           | 7.91 | 27.68         | 79.1  | 5.22     | 9.5            | 13.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS2(A)    | 11:38 | 1.0      | Surface | 1          | 2         | 28.98           | 7.98 | 27.67         | 79.3  | 5.24     | 9.4            | 13.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS2(A)    | 11:38 | 4.0      | Middle  | 2          | 1         | 28.93           | 8.04 | 27.80         | 76.0  | 5.02     | 9.6            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS2(A)    | 11:38 | 4.0      | Middle  | 2          | 2         | 28.90           | 7.94 | 27.82         | 77.0  | 5.08     | 9.6            | 13.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS2(A)    | 11:38 | 6.9      | Bottom  | 3          | 1         | 28.96           | 7.96 | 27.77         | 73.9  | 4.88     | 9.8            | 15.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS2(A)    | 11:38 | 6.9      | Bottom  | 3          | 2         | 28.87           | 7.99 | 28.20         | 74.6  | 4.93     | 9.9            | 15.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS(Mf)5   | 13:08 | 1.0      | Surface | 1          | 1         | 29.50           | 8.23 | 22.85         | 79.8  | 5.41     | 6.6            | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb | Fine              | CS(Mf)5   | 13:07 | 1.0      | Surface | 1          | 2         | 29.44           | 8.23 | 22.91         | 80.2  | 5.43     | 6.7            | 10.9     |



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 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5  | 13:08 | 6.2      | Middle  | 2          | 1         | 29.05           | 8.22 | 24.65         | 76.0  | 5.11     | 8.7            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5  | 13:07 | 6.2      | Middle  | 2          | 2         | 29.03           | 8.22 | 24.65         | 75.5  | 5.08     | 8.9            | 12.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5  | 13:08 | 11.4     | Bottom  | 3          | 1         | 29.04           | 8.22 | 24.75         | 75.1  | 5.04     | 8.9            | 12.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Ebb   | Fine              | CS(Mf)5  | 13:07 | 11.4     | Bottom  | 3          | 2         | 29.03           | 8.22 | 24.66         | 74.6  | 5.01     | 9.2            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5      | 6:58  | 1.0      | Surface | 1          | 1         | 29.21           | 8.26 | 23.64         | 90.4  | 6.08     | 6.5            | 13.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5      | 6:59  | 1.0      | Surface | 1          | 2         | 29.17           | 8.26 | 23.58         | 92.0  | 6.19     | 6.3            | 13.7     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5      | 6:58  | 4.4      | Middle  | 2          | 1         | 29.22           | 8.26 | 23.65         | 88.3  | 5.94     | 7.0            | 12.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5      | 6:58  | 4.4      | Middle  | 2          | 2         | 29.22           | 8.26 | 23.71         | 89.8  | 6.03     | 6.7            | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5      | 6:58  | 7.7      | Bottom  | 3          | 1         | 29.21           | 8.27 | 23.62         | 88.8  | 5.97     | 7.2            | 14.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS5      | 6:58  | 7.7      | Bottom  | 3          | 2         | 29.21           | 8.26 | 23.69         | 89.4  | 6.01     | 6.8            | 16.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6  | 6:51  | 1.0      | Surface | 1          | 1         | 29.18           | 8.26 | 23.62         | 90.6  | 6.10     | 5.3            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6  | 6:52  | 1.0      | Surface | 1          | 2         | 29.18           | 8.26 | 23.63         | 90.5  | 6.09     | 5.5            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6  | 6:51  | 2.4      | Bottom  | 3          | 1         | 29.18           | 8.26 | 23.64         | 90.5  | 6.09     | 5.4            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)6  | 6:51  | 2.4      | Bottom  | 3          | 2         | 29.19           | 8.26 | 23.65         | 90.6  | 6.10     | 5.0            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7      | 6:42  | 1.0      | Surface | 1          | 1         | 29.15           | 8.24 | 23.48         | 93.8  | 6.32     | 5.0            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7      | 6:42  | 1.0      | Surface | 1          | 2         | 29.17           | 8.25 | 23.55         | 96.6  | 6.52     | 5.3            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7      | 6:42  | 2.3      | Bottom  | 3          | 1         | 29.11           | 8.23 | 23.40         | 91.7  | 6.17     | 4.9            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS7      | 6:42  | 2.3      | Bottom  | 3          | 2         | 29.18           | 8.24 | 23.57         | 92.5  | 6.23     | 5.2            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8      | 6:16  | 1.0      | Surface | 1          | 1         | 29.23           | 8.19 | 22.75         | 84.8  | 5.73     | 7.7            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8      | 6:16  | 1.0      | Surface | 1          | 2         | 29.22           | 8.18 | 22.90         | 87.5  | 5.90     | 7.5            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8      | 6:16  | 2.8      | Bottom  | 3          | 1         | 29.20           | 8.19 | 23.13         | 82.1  | 5.54     | 7.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS8      | 6:16  | 2.8      | Bottom  | 3          | 2         | 29.21           | 8.18 | 23.12         | 82.8  | 5.58     | 7.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9  | 6:35  | 1.0      | Surface | 1          | 1         | 29.12           | 8.21 | 23.30         | 89.6  | 6.05     | 5.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9  | 6:35  | 1.0      | Surface | 1          | 2         | 29.12           | 8.20 | 23.31         | 88.2  | 5.90     | 5.6            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9  | 6:35  | 2.6      | Bottom  | 3          | 1         | 29.13           | 8.20 | 23.50         | 87.0  | 5.86     | 5.3            | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS(Mf)9  | 6:35  | 2.6      | Bottom  | 3          | 2         | 29.11           | 8.21 | 23.46         | 85.5  | 5.77     | 5.5            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)  | 6:28  | 1.0      | Surface | 1          | 1         | 29.07           | 7.60 | 24.18         | 80.2  | 5.39     | 6.3            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)  | 6:29  | 1.0      | Surface | 1          | 2         | 29.05           | 7.62 | 24.09         | 83.4  | 5.57     | 6.3            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)  | 6:29  | 5.5      | Middle  | 2          | 1         | 29.06           | 7.61 | 24.37         | 79.3  | 5.33     | 6.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)  | 6:28  | 5.5      | Middle  | 2          | 2         | 29.06           | 7.60 | 24.29         | 78.1  | 5.22     | 6.6            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)  | 6:28  | 9.9      | Bottom  | 3          | 1         | 29.04           | 7.67 | 25.39         | 77.1  | 5.18     | 6.8            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | IS10(N)  | 6:28  | 9.9      | Bottom  | 3          | 2         | 29.02           | 7.60 | 25.26         | 77.5  | 5.22     | 6.7            | 12.5     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)   | 7:07  | 1.0      | Surface | 1          | 1         | 29.18           | 8.26 | 23.61         | 87.8  | 5.91     | 5.3            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)   | 7:07  | 1.0      | Surface | 1          | 2         | 29.20           | 8.26 | 23.66         | 87.5  | 5.89     | 5.6            | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)   | 7:07  | 3.1      | Bottom  | 3          | 1         | 29.20           | 8.26 | 23.68         | 87.6  | 5.89     | 5.8            | 13.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR3(N)   | 7:07  | 3.1      | Bottom  | 3          | 2         | 29.22           | 8.26 | 23.69         | 87.8  | 5.90     | 5.8            | 13.1     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)   | 6:25  | 1.0      | Surface | 1          | 1         | 29.23           | 8.17 | 22.78         | 79.8  | 5.39     | 7.1            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)   | 6:24  | 1.0      | Surface | 1          | 2         | 29.22           | 8.18 | 22.95         | 80.1  | 5.41     | 7.2            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)   | 6:25  | 2.8      | Bottom  | 3          | 1         | 29.23           | 8.17 | 22.98         | 79.9  | 5.39     | 7.4            | 13.0     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR4(N)   | 6:24  | 2.8      | Bottom  | 3          | 2         | 29.20           | 8.17 | 23.29         | 80.3  | 5.41     | 7.6            | 13.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)   | 6:37  | 1.0      | Surface | 1          | 1         | 29.07           | 7.62 | 24.82         | 79.4  | 5.31     | 6.1            | 10.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)   | 6:37  | 1.0      | Surface | 1          | 2         | 29.08           | 7.63 | 24.65         | 79.6  | 5.35     | 6.1            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)   | 6:37  | 4.3      | Middle  | 2          | 1         | 29.00           | 7.61 | 25.31         | 75.4  | 5.02     | 6.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)   | 6:37  | 4.3      | Middle  | 2          | 2         | 29.02           | 7.62 | 25.24         | 76.7  | 5.14     | 6.2            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)   | 6:36  | 7.6      | Bottom  | 3          | 1         | 28.95           | 7.61 | 25.83         | 74.4  | 4.98     | 6.5            | 13.6     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR5(N)   | 6:37  | 7.6      | Bottom  | 3          | 2         | 29.06           | 7.61 | 25.84         | 74.4  | 4.99     | 6.6            | 14.3     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N) | 5:37  | 1.0      | Surface | 1          | 1         | 29.08           | 7.63 | 25.27         | 76.0  | 5.07     | 4.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N) | 5:37  | 1.0      | Surface | 1          | 2         | 29.07           | 7.61 | 24.95         | 75.9  | 5.08     | 4.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N) | 5:37  | 7        | Middle  | 2          | 1         | 28.95           | 7.62 | 25.51         | 75.4  | 5.04     | 4.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N) | 5:36  | 7        | Middle  | 2          | 2         | 29.03           | 7.60 | 25.40         | 75.8  | 5.03     | 4.4            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N) | 5:37  | 12.9     | Bottom  | 3          | 1         | 28.97           | 7.61 | 26.87         | 75.3  | 5.03     | 4.6            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10A(N) | 5:36  | 12.9     | Bottom  | 3          | 2         | 28.80           | 7.57 | 27.28         | 74.8  | 4.97     | 4.7            | 9.2      |

## 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 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:24  | 1.0      | Surface | 1          | 1         | 29.06           | 7.56 | 25.30         | 76.1  | 5.08     | 4.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 1.0      | Surface | 1          | 2         | 29.07           | 7.53 | 25.26         | 75.8  | 5.07     | 4.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 3.9      | Middle  | 2          | 1         | 28.92           | 7.57 | 25.50         | 75.5  | 5.05     | 4.3            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 3.9      | Middle  | 2          | 2         | 28.93           | 7.55 | 25.52         | 76.1  | 5.04     | 4.3            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 6.7      | Bottom  | 3          | 1         | 28.73           | 7.57 | 27.75         | 73.9  | 4.90     | 4.4            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | SR10B(N2) | 5:23  | 6.7      | Bottom  | 3          | 2         | 29.03           | 7.53 | 27.10         | 74.3  | 4.97     | 4.5            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 1.0      | Surface | 1          | 1         | 29.07           | 7.68 | 24.66         | 75.6  | 5.07     | 6.3            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:29  | 1.0      | Surface | 1          | 2         | 29.02           | 7.69 | 24.49         | 75.7  | 5.01     | 6.4            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 4.0      | Middle  | 2          | 1         | 29.06           | 7.72 | 25.34         | 75.1  | 5.04     | 6.7            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 4.0      | Middle  | 2          | 2         | 29.06           | 7.67 | 25.18         | 75.6  | 5.06     | 6.6            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 6.9      | Bottom  | 3          | 1         | 28.98           | 7.66 | 27.17         | 75.1  | 4.99     | 6.9            | 12.9     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS2(A)    | 7:28  | 6.9      | Bottom  | 3          | 2         | 29.07           | 7.69 | 26.45         | 75.1  | 5.01     | 6.8            | 14.2     |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 1.0      | Surface | 1          | 1         | 29.28           | 8.12 | 24.38         | 81.9  | 5.43     | 4.6            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:47  | 1.0      | Surface | 1          | 2         | 29.30           | 8.13 | 23.51         | 85.4  | 5.60     | 4.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 6.2      | Middle  | 2          | 1         | 29.19           | 8.12 | 25.14         | 78.2  | 5.26     | 5.0            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 6.2      | Middle  | 2          | 2         | 29.17           | 8.10 | 26.38         | 80.5  | 5.39     | 5.1            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 11.4     | Bottom  | 3          | 1         | 28.96           | 8.10 | 28.88         | 78.2  | 5.22     | 6.0            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-20        | Mid-Flood | Fine              | CS(Mf)5   | 5:46  | 11.4     | Bottom  | 3          | 2         | 29.14           | 8.11 | 26.34         | 78.5  | 5.21     | 5.8            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS5       | 13:02 | 1.0      | Surface | 1          | 1         | 29.51           | 8.21 | 23.02         | 78.1  | 5.27     | 9.4            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS5       | 13:03 | 1.0      | Surface | 1          | 2         | 29.57           | 8.21 | 23.13         | 78.0  | 5.25     | 9.7            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS5       | 13:02 | 4.3      | Middle  | 2          | 1         | 29.50           | 8.22 | 23.01         | 78.1  | 5.27     | 9.7            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS5       | 13:03 | 4.3      | Middle  | 2          | 2         | 29.51           | 8.21 | 23.17         | 77.8  | 5.24     | 9.8            | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS5       | 13:02 | 7.5      | Bottom  | 3          | 1         | 29.49           | 8.22 | 22.98         | 78.2  | 5.28     | 10.6           | 11.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS5       | 13:03 | 7.5      | Bottom  | 3          | 2         | 29.50           | 8.21 | 23.13         | 77.8  | 5.25     | 10.2           | 10.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:15 | 1.0      | Surface | 1          | 1         | 29.70           | 8.20 | 23.00         | 83.8  | 5.64     | 7.7            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:16 | 1.0      | Surface | 1          | 2         | 29.62           | 8.19 | 23.12         | 88.4  | 5.95     | 7.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:16 | 2.5      | Bottom  | 3          | 1         | 29.58           | 8.19 | 23.20         | 81.5  | 5.48     | 8.4            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)6   | 13:15 | 2.5      | Bottom  | 3          | 2         | 29.66           | 8.22 | 23.00         | 80.0  | 5.38     | 8.5            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS7       | 13:29 | 1.0      | Surface | 1          | 1         | 29.87           | 8.19 | 22.87         | 83.0  | 5.57     | 5.4            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS7       | 13:28 | 1.0      | Surface | 1          | 2         | 29.74           | 8.20 | 22.91         | 82.8  | 5.57     | 5.8            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS7       | 13:28 | 2.7      | Bottom  | 3          | 1         | 29.62           | 8.20 | 23.16         | 82.0  | 5.52     | 5.8            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS7       | 13:28 | 2.7      | Bottom  | 3          | 2         | 29.53           | 8.21 | 23.17         | 83.5  | 5.62     | 6.0            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS8       | 14:05 | 1.0      | Surface | 1          | 1         | 30.00           | 8.18 | 22.71         | 80.4  | 5.39     | 5.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS8       | 14:05 | 1.0      | Surface | 1          | 2         | 29.92           | 8.18 | 22.76         | 79.9  | 5.36     | 5.1            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS8       | 14:05 | 3.0      | Bottom  | 3          | 1         | 29.48           | 8.18 | 23.38         | 79.1  | 5.32     | 6.2            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS8       | 14:05 | 3.0      | Bottom  | 3          | 2         | 29.80           | 8.18 | 23.11         | 79.8  | 5.35     | 5.9            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:40 | 1.0      | Surface | 1          | 1         | 29.86           | 8.21 | 22.62         | 83.8  | 5.65     | 5.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:40 | 1.0      | Surface | 1          | 2         | 29.75           | 8.22 | 22.65         | 83.0  | 5.58     | 6.3            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:40 | 2.8      | Bottom  | 3          | 1         | 29.49           | 8.23 | 23.07         | 81.9  | 5.51     | 7.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS(Mf)9   | 13:40 | 2.8      | Bottom  | 3          | 2         | 29.74           | 8.21 | 22.90         | 82.1  | 5.52     | 6.7            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS10(N)   | 14:00 | 1.0      | Surface | 1          | 1         | 29.97           | 7.72 | 23.90         | 78.4  | 5.18     | 11.9           | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS10(N)   | 14:01 | 1.0      | Surface | 1          | 2         | 30.02           | 7.73 | 23.78         | 77.3  | 5.11     | 11.5           | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS10(N)   | 13:59 | 6.3      | Middle  | 2          | 1         | 29.26           | 7.70 | 25.64         | 76.4  | 5.07     | 15.8           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS10(N)   | 14:00 | 6.3      | Middle  | 2          | 2         | 29.24           | 7.72 | 25.75         | 76.4  | 5.07     | 15.6           | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS10(N)   | 13:59 | 11.6     | Bottom  | 3          | 1         | 29.09           | 7.68 | 27.24         | 74.6  | 4.96     | 15.6           | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | IS10(N)   | 14:00 | 11.6     | Bottom  | 3          | 2         | 29.12           | 7.70 | 27.14         | 72.4  | 4.78     | 15.4           | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR3(N)    | 12:55 | 1.0      | Surface | 1          | 1         | 29.50           | 8.24 | 22.58         | 87.9  | 5.95     | 9.0            | 10.9     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR3(N)    | 12:54 | 1.0      | Surface | 1          | 2         | 29.51           | 8.24 | 22.30         | 83.4  | 5.64     | 8.9            | 11.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR3(N)    | 12:54 | 3.0      | Bottom  | 3          | 1         | 29.50           | 8.25 | 22.50         | 81.1  | 5.49     | 9.8            | 13.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR3(N)    | 12:54 | 3.0      | Bottom  | 3          | 2         | 29.50           | 8.24 | 22.08         | 80.3  | 5.43     | 9.3            | 12.9     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR4(N)    | 13:55 | 1.0      | Surface | 1          | 1         | 29.90           | 8.18 | 22.71         | 87.3  | 5.88     | 5.9            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR4(N)    | 13:54 | 1.0      | Surface | 1          | 2         | 29.76           | 8.19 | 22.80         | 85.6  | 5.76     | 6.3            | 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 | 2017-09-22        | Mid-Ebb   | Fine              | SR4(N)    | 13:54 | 2.9      | Bottom  | 3          | 1         | 29.52           | 8.19 | 23.19         | 82.5  | 5.54     | 7.7            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR4(N)    | 13:55 | 2.9      | Bottom  | 3          | 2         | 29.70           | 8.18 | 23.10         | 83.1  | 5.59     | 7.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR5(N)    | 13:48 | 1.0      | Surface | 1          | 1         | 30.03           | 7.76 | 22.82         | 76.0  | 5.06     | 7.7            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR5(N)    | 13:48 | 1.0      | Surface | 1          | 2         | 30.09           | 7.76 | 22.70         | 76.8  | 5.12     | 7.9            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR5(N)    | 13:48 | 5.1      | Middle  | 2          | 1         | 29.54           | 7.81 | 23.90         | 75.7  | 5.01     | 15.5           | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR5(N)    | 13:47 | 5.1      | Middle  | 2          | 2         | 29.53           | 7.83 | 23.92         | 76.4  | 5.07     | 15.5           | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR5(N)    | 13:48 | 9.1      | Bottom  | 3          | 1         | 29.53           | 7.77 | 25.73         | 74.7  | 4.99     | 19.9           | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR5(N)    | 13:47 | 9.1      | Bottom  | 3          | 2         | 29.28           | 7.80 | 25.89         | 76.0  | 5.04     | 20.2           | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10A(N)  | 14:52 | 1.0      | Surface | 1          | 1         | 29.23           | 7.76 | 27.09         | 78.1  | 5.11     | 6.1            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10A(N)  | 14:53 | 1.0      | Surface | 1          | 2         | 29.32           | 7.75 | 26.64         | 78.6  | 5.18     | 6.2            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10A(N)  | 14:53 | 7.0      | Middle  | 2          | 1         | 29.33           | 7.73 | 26.68         | 76.7  | 5.04     | 6.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10A(N)  | 14:51 | 7.0      | Middle  | 2          | 2         | 29.24           | 7.76 | 27.03         | 77.2  | 5.08     | 6.0            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10A(N)  | 14:51 | 12.9     | Bottom  | 3          | 1         | 29.21           | 7.78 | 27.36         | 77.0  | 5.07     | 6.1            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10A(N)  | 14:52 | 12.9     | Bottom  | 3          | 2         | 29.25           | 7.74 | 27.00         | 75.0  | 4.95     | 6.2            | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10B(N2) | 15:02 | 1.0      | Surface | 1          | 1         | 29.32           | 7.70 | 26.88         | 79.6  | 5.24     | 6.2            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10B(N2) | 15:03 | 1.0      | Surface | 1          | 2         | 29.31           | 7.72 | 26.95         | 80.0  | 5.27     | 6.1            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10B(N2) | 15:01 | 4.4      | Middle  | 2          | 1         | 29.32           | 7.69 | 26.87         | 76.1  | 5.03     | 6.0            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10B(N2) | 15:03 | 4.4      | Middle  | 2          | 2         | 29.30           | 7.72 | 26.96         | 76.6  | 5.04     | 6.1            | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10B(N2) | 15:01 | 7.7      | Bottom  | 3          | 1         | 29.28           | 7.69 | 27.25         | 75.5  | 4.98     | 6.2            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | SR10B(N2) | 15:02 | 7.7      | Bottom  | 3          | 2         | 29.28           | 7.73 | 27.12         | 75.7  | 4.99     | 6.2            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS2(A)    | 12:47 | 1.0      | Surface | 1          | 1         | 29.38           | 7.69 | 26.71         | 77.3  | 5.09     | 4.5            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS2(A)    | 12:48 | 1.0      | Surface | 1          | 2         | 29.33           | 7.71 | 26.78         | 76.8  | 5.05     | 4.3            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS2(A)    | 12:47 | 4.0      | Middle  | 2          | 1         | 28.89           | 7.73 | 28.83         | 77.6  | 5.02     | 8.3            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS2(A)    | 12:46 | 4.0      | Middle  | 2          | 2         | 28.89           | 7.70 | 28.86         | 76.5  | 5.01     | 8.4            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS2(A)    | 12:45 | 7.0      | Bottom  | 3          | 1         | 28.89           | 7.66 | 28.97         | 74.9  | 4.92     | 10.6           | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS2(A)    | 12:47 | 7.0      | Bottom  | 3          | 2         | 28.92           | 7.72 | 28.91         | 75.1  | 4.93     | 10.4           | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:29 | 1.0      | Surface | 1          | 1         | 29.88           | 8.21 | 22.37         | 80.6  | 5.43     | 6.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:29 | 1.0      | Surface | 1          | 2         | 29.66           | 8.22 | 23.07         | 77.7  | 5.23     | 6.0            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:28 | 6.3      | Middle  | 2          | 1         | 29.37           | 8.24 | 23.78         | 74.4  | 5.01     | 8.2            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:29 | 6.3      | Middle  | 2          | 2         | 29.36           | 8.20 | 24.10         | 76.2  | 5.13     | 7.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:28 | 11.6     | Bottom  | 3          | 1         | 29.37           | 8.25 | 23.69         | 73.4  | 4.93     | 8.3            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Ebb   | Fine              | CS(Mf)5   | 14:29 | 11.6     | Bottom  | 3          | 2         | 29.42           | 8.21 | 23.92         | 74.6  | 5.02     | 7.8            | 11.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS5       | 8:51  | 1.0      | Surface | 1          | 1         | 29.34           | 8.16 | 23.05         | 82.4  | 5.57     | 8.2            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS5       | 8:52  | 1.0      | Surface | 1          | 2         | 29.34           | 8.15 | 23.06         | 84.6  | 5.71     | 8.0            | 11.5     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS5       | 8:51  | 4.2      | Middle  | 2          | 1         | 29.37           | 8.16 | 23.16         | 81.1  | 5.48     | 8.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS5       | 8:52  | 4.2      | Middle  | 2          | 2         | 29.38           | 8.15 | 23.18         | 79.7  | 5.38     | 8.5            | 12.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS5       | 8:52  | 7.4      | Bottom  | 3          | 1         | 29.38           | 8.15 | 23.19         | 80.0  | 5.40     | 8.7            | 15.5     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS5       | 8:51  | 7.4      | Bottom  | 3          | 2         | 29.37           | 8.16 | 23.16         | 79.5  | 5.37     | 8.7            | 14.9     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)6   | 8:42  | 1.0      | Surface | 1          | 1         | 29.33           | 8.15 | 23.03         | 78.9  | 5.33     | 11.0           | 20.8     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)6   | 8:42  | 1.0      | Surface | 1          | 2         | 29.31           | 8.15 | 22.95         | 79.6  | 5.39     | 10.6           | 21.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)6   | 8:41  | 2.3      | Bottom  | 3          | 1         | 29.34           | 8.15 | 23.06         | 80.1  | 5.41     | 12.5           | 20.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)6   | 8:42  | 2.3      | Bottom  | 3          | 2         | 29.32           | 8.15 | 23.04         | 79.1  | 5.35     | 12.6           | 20.8     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS7       | 8:32  | 1.0      | Surface | 1          | 1         | 29.33           | 8.15 | 22.95         | 84.4  | 5.71     | 12.8           | 16.7     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS7       | 8:32  | 1.0      | Surface | 1          | 2         | 29.33           | 8.15 | 23.01         | 86.2  | 5.83     | 13.0           | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS7       | 8:32  | 2.5      | Bottom  | 3          | 1         | 29.32           | 8.16 | 22.98         | 81.6  | 5.52     | 12.5           | 19.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS7       | 8:32  | 2.5      | Bottom  | 3          | 2         | 29.33           | 8.15 | 23.01         | 82.8  | 5.60     | 12.9           | 18.1     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS8       | 7:48  | 1.0      | Surface | 1          | 1         | 29.36           | 8.08 | 22.78         | 75.3  | 5.07     | 7.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS8       | 7:47  | 1.0      | Surface | 1          | 2         | 29.36           | 8.08 | 22.98         | 74.9  | 5.07     | 7.5            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS8       | 7:47  | 2.9      | Bottom  | 3          | 1         | 29.37           | 8.07 | 23.72         | 74.4  | 5.04     | 8.1            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS8       | 7:47  | 2.9      | Bottom  | 3          | 2         | 29.35           | 8.08 | 23.69         | 75.0  | 5.05     | 7.8            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)9   | 8:17  | 1.0      | Surface | 1          | 1         | 29.35           | 8.15 | 23.09         | 76.2  | 5.15     | 6.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)9   | 8:18  | 1.0      | Surface | 1          | 2         | 29.34           | 8.15 | 23.04         | 76.2  | 5.15     | 7.1            | 8.9      |

## 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 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)9   | 8:17  | 2.6      | Bottom  | 3          | 1         | 29.35           | 8.14 | 23.27         | 76.3  | 5.15     | 7.7            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS(Mf)9   | 8:17  | 2.6      | Bottom  | 3          | 2         | 29.38           | 8.14 | 23.52         | 76.7  | 5.17     | 7.9            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS10(N)   | 7:35  | 1.0      | Surface | 1          | 1         | 29.19           | 7.60 | 24.21         | 78.7  | 5.31     | 14.2           | 15.5     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS10(N)   | 7:34  | 1.0      | Surface | 1          | 2         | 29.21           | 7.56 | 24.39         | 79.7  | 5.33     | 13.6           | 15.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS10(N)   | 7:35  | 5.6      | Middle  | 2          | 1         | 29.19           | 7.57 | 25.86         | 76.9  | 5.14     | 14.6           | 15.4     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS10(N)   | 7:34  | 5.6      | Middle  | 2          | 2         | 29.19           | 7.53 | 25.91         | 79.1  | 5.32     | 14.8           | 14.5     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS10(N)   | 7:34  | 10.1     | Bottom  | 3          | 1         | 29.17           | 7.51 | 26.14         | 77.7  | 5.20     | 14.4           | 15.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | IS10(N)   | 7:35  | 10.1     | Bottom  | 3          | 2         | 29.18           | 7.56 | 26.13         | 76.7  | 5.13     | 15.1           | 16.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR3(N)    | 9:03  | 1.0      | Surface | 1          | 1         | 29.34           | 8.15 | 23.05         | 78.9  | 5.33     | 7.5            | 12.1     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR3(N)    | 9:03  | 1.0      | Surface | 1          | 2         | 29.33           | 8.15 | 23.05         | 79.0  | 5.34     | 7.3            | 12.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR3(N)    | 9:03  | 2.7      | Bottom  | 3          | 1         | 29.34           | 8.15 | 23.09         | 79.0  | 5.34     | 7.5            | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR3(N)    | 9:02  | 2.7      | Bottom  | 3          | 2         | 29.35           | 8.15 | 23.12         | 79.0  | 5.34     | 7.8            | 11.4     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR4(N)    | 8:04  | 1.0      | Surface | 1          | 1         | 29.35           | 8.15 | 23.07         | 84.5  | 5.69     | 8.8            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR4(N)    | 8:04  | 1.0      | Surface | 1          | 2         | 29.35           | 8.16 | 23.14         | 81.3  | 5.50     | 8.7            | 11.1     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR4(N)    | 8:04  | 2.9      | Bottom  | 3          | 1         | 29.37           | 8.15 | 23.46         | 80.0  | 5.39     | 9.2            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR4(N)    | 8:04  | 2.9      | Bottom  | 3          | 2         | 29.37           | 8.17 | 23.55         | 78.3  | 5.29     | 9.0            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR5(N)    | 7:44  | 1.0      | Surface | 1          | 1         | 29.26           | 7.58 | 24.96         | 81.7  | 5.48     | 17.6           | 23.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR5(N)    | 7:45  | 1.0      | Surface | 1          | 2         | 29.26           | 7.59 | 24.98         | 78.9  | 5.30     | 17.9           | 23.2     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR5(N)    | 7:44  | 4.1      | Middle  | 2          | 1         | 29.26           | 7.56 | 24.98         | 80.2  | 5.38     | 18.8           | 24.5     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR5(N)    | 7:44  | 4.1      | Middle  | 2          | 2         | 29.26           | 7.58 | 25.00         | 78.8  | 5.29     | 18.6           | 23.5     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR5(N)    | 7:44  | 7.2      | Bottom  | 3          | 1         | 29.26           | 7.58 | 25.10         | 78.6  | 5.28     | 18.6           | 24.0     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR5(N)    | 7:44  | 7.2      | Bottom  | 3          | 2         | 29.25           | 7.56 | 25.17         | 79.4  | 5.33     | 18.8           | 22.6     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10A(N)  | 6:40  | 1.0      | Surface | 1          | 1         | 29.25           | 7.59 | 25.52         | 79.1  | 5.27     | 6.1            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10A(N)  | 6:41  | 1.0      | Surface | 1          | 2         | 29.25           | 7.59 | 25.51         | 78.1  | 5.23     | 6.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10A(N)  | 6:41  | 7.4      | Middle  | 2          | 1         | 29.21           | 7.59 | 25.93         | 77.9  | 5.19     | 6.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10A(N)  | 6:40  | 7.4      | Middle  | 2          | 2         | 29.17           | 7.56 | 26.14         | 78.6  | 5.26     | 6.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10A(N)  | 6:41  | 13.7     | Bottom  | 3          | 1         | 29.12           | 7.58 | 27.08         | 77.1  | 5.16     | 6.7            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10A(N)  | 6:40  | 13.7     | Bottom  | 3          | 2         | 29.10           | 7.55 | 26.99         | 78.1  | 5.22     | 6.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10B(N2) | 6:33  | 1.0      | Surface | 1          | 1         | 28.80           | 7.46 | 29.17         | 78.4  | 5.17     | 13.1           | 18.0     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10B(N2) | 6:33  | 1.0      | Surface | 1          | 2         | 28.80           | 7.52 | 29.19         | 75.7  | 5.00     | 12.7           | 17.8     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10B(N2) | 6:32  | 4        | Middle  | 2          | 1         | 28.76           | 7.45 | 29.70         | 76.8  | 5.07     | 13.4           | 18.0     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10B(N2) | 6:33  | 4        | Middle  | 2          | 2         | 28.76           | 7.49 | 29.66         | 75.6  | 5.00     | 13.5           | 18.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10B(N2) | 6:32  | 7.0      | Bottom  | 3          | 1         | 28.74           | 7.44 | 29.89         | 76.1  | 5.04     | 13.5           | 19.1     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | SR10B(N2) | 6:33  | 7.0      | Bottom  | 3          | 2         | 28.76           | 7.46 | 29.77         | 75.5  | 4.99     | 13.5           | 19.3     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS2(A)    | 8:38  | 1.0      | Surface | 1          | 1         | 29.16           | 7.64 | 25.01         | 80.6  | 5.37     | 13.8           | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS2(A)    | 8:38  | 1.0      | Surface | 1          | 2         | 29.16           | 7.62 | 24.99         | 80.6  | 5.42     | 13.3           | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS2(A)    | 8:38  | 4.1      | Middle  | 2          | 1         | 29.18           | 7.62 | 26.88         | 83.6  | 5.56     | 15.5           | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS2(A)    | 8:38  | 4.1      | Middle  | 2          | 2         | 29.18           | 7.63 | 26.26         | 79.9  | 5.36     | 15.8           | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS2(A)    | 8:38  | 7.1      | Bottom  | 3          | 1         | 29.17           | 7.62 | 27.01         | 79.4  | 5.30     | 17.1           | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS2(A)    | 8:37  | 7.1      | Bottom  | 3          | 2         | 29.15           | 7.61 | 27.04         | 79.1  | 5.27     | 16.8           | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS(Mf)5   | 6:58  | 1.0      | Surface | 1          | 1         | 29.36           | 8.05 | 23.84         | 81.4  | 5.46     | 6.8            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS(Mf)5   | 6:59  | 1.0      | Surface | 1          | 2         | 29.31           | 8.07 | 23.00         | 80.5  | 5.38     | 7.0            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS(Mf)5   | 6:58  | 6.3      | Middle  | 2          | 1         | 29.37           | 8.06 | 23.64         | 76.6  | 5.19     | 7.1            | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS(Mf)5   | 6:58  | 6.3      | Middle  | 2          | 2         | 29.36           | 8.04 | 25.03         | 78.1  | 5.26     | 7.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS(Mf)5   | 6:58  | 11.5     | Bottom  | 3          | 1         | 29.36           | 8.05 | 24.52         | 76.3  | 5.12     | 8.8            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-22        | Mid-Flood | Fine              | CS(Mf)5   | 6:57  | 11.5     | Bottom  | 3          | 2         | 29.35           | 8.04 | 26.23         | 75.1  | 5.06     | 8.6            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | ISS       | 14:56 | 1.0      | Surface | 1          | 1         | 29.69           | 8.18 | 22.29         | 86.2  | 5.79     | 5.5            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | ISS       | 14:55 | 1.0      | Surface | 1          | 2         | 29.68           | 8.21 | 21.88         | 86.4  | 5.82     | 5.7            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | ISS       | 14:55 | 4.6      | Middle  | 2          | 1         | 29.32           | 8.21 | 21.97         | 85.3  | 5.78     | 6.0            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | ISS       | 14:55 | 4.6      | Middle  | 2          | 2         | 29.32           | 8.20 | 22.46         | 85.3  | 5.76     | 6.2            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | ISS       | 14:55 | 8.1      | Bottom  | 3          | 1         | 29.36           | 8.20 | 22.35         | 85.9  | 5.81     | 6.5            | 11.1     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | ISS       | 14:55 | 8.1      | Bottom  | 3          | 2         | 29.26           | 8.20 | 21.84         | 85.9  | 5.83     | 6.3            | 12.2     |

## 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 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)6   | 15:08 | 1.0      | Surface | 1          | 1         | 29.81           | 8.18 | 23.74         | 87.6  | 5.83     | 5.1            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)6   | 15:08 | 1.0      | Surface | 1          | 2         | 29.82           | 8.20 | 23.68         | 88.1  | 5.86     | 5.0            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)6   | 15:08 | 2.3      | Bottom  | 3          | 1         | 29.64           | 8.19 | 23.90         | 87.6  | 5.84     | 6.0            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)6   | 15:08 | 2.3      | Bottom  | 3          | 2         | 29.42           | 8.21 | 23.94         | 87.9  | 5.88     | 6.2            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS7       | 15:19 | 1.0      | Surface | 1          | 1         | 29.76           | 8.20 | 23.88         | 93.3  | 6.21     | 3.8            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS7       | 15:19 | 1.0      | Surface | 1          | 2         | 29.76           | 8.18 | 23.95         | 94.6  | 6.30     | 3.7            | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS7       | 15:19 | 2.4      | Bottom  | 3          | 1         | 29.79           | 8.19 | 24.00         | 92.4  | 6.14     | 3.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS7       | 15:19 | 2.4      | Bottom  | 3          | 2         | 29.77           | 8.21 | 23.86         | 91.6  | 6.10     | 3.5            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS8       | 15:58 | 1.0      | Surface | 1          | 1         | 29.81           | 8.16 | 24.94         | 84.4  | 5.58     | 5.9            | 10.1     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS8       | 15:58 | 1.0      | Surface | 1          | 2         | 29.82           | 8.17 | 24.87         | 84.4  | 5.58     | 5.6            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS8       | 15:58 | 2.9      | Bottom  | 3          | 1         | 29.75           | 8.16 | 25.01         | 84.1  | 5.57     | 6.1            | 9.3      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS8       | 15:58 | 2.9      | Bottom  | 3          | 2         | 29.80           | 8.17 | 24.97         | 84.4  | 5.58     | 5.8            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)9   | 15:31 | 1.0      | Surface | 1          | 1         | 29.86           | 8.16 | 24.84         | 90.7  | 6.00     | 4.5            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)9   | 15:31 | 1.0      | Surface | 1          | 2         | 29.86           | 8.17 | 24.79         | 89.5  | 5.91     | 4.4            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)9   | 15:31 | 2.7      | Bottom  | 3          | 1         | 29.86           | 8.16 | 24.83         | 88.3  | 5.84     | 4.3            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS(Mf)9   | 15:31 | 2.7      | Bottom  | 3          | 2         | 29.86           | 8.17 | 24.78         | 87.8  | 5.80     | 4.3            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS10(N)   | 15:17 | 1.0      | Surface | 1          | 1         | 29.78           | 7.78 | 23.77         | 83.1  | 5.53     | 5.2            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS10(N)   | 15:17 | 1.0      | Surface | 1          | 2         | 29.76           | 7.77 | 23.80         | 83.2  | 5.51     | 5.3            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS10(N)   | 15:16 | 5.5      | Middle  | 2          | 1         | 29.21           | 7.80 | 25.82         | 81.9  | 5.42     | 5.4            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS10(N)   | 15:17 | 5.5      | Middle  | 2          | 2         | 29.21           | 7.77 | 25.97         | 81.7  | 5.44     | 5.5            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS10(N)   | 15:16 | 10.0     | Bottom  | 3          | 1         | 29.16           | 7.84 | 26.55         | 80.8  | 5.37     | 5.7            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | IS10(N)   | 15:17 | 10.0     | Bottom  | 3          | 2         | 29.26           | 7.76 | 26.50         | 78.8  | 5.23     | 5.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR3(N)    | 14:44 | 1.0      | Surface | 1          | 1         | 29.85           | 8.15 | 24.96         | 86.3  | 5.70     | 4.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR3(N)    | 14:44 | 1.0      | Surface | 1          | 2         | 29.87           | 8.16 | 24.94         | 86.6  | 5.72     | 5.1            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR3(N)    | 14:44 | 2.8      | Bottom  | 3          | 1         | 29.87           | 8.15 | 24.96         | 86.4  | 5.71     | 4.9            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR3(N)    | 14:44 | 2.8      | Bottom  | 3          | 2         | 29.87           | 8.16 | 24.95         | 86.6  | 5.72     | 5.0            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR4(N)    | 15:46 | 1.0      | Surface | 1          | 1         | 29.77           | 8.18 | 24.66         | 85.9  | 5.70     | 8.5            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR4(N)    | 15:46 | 1.0      | Surface | 1          | 2         | 29.76           | 8.17 | 24.78         | 87.4  | 5.80     | 8.0            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR4(N)    | 15:46 | 2.8      | Bottom  | 3          | 1         | 29.76           | 8.17 | 24.81         | 85.1  | 5.64     | 8.5            | 11.8     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR4(N)    | 15:46 | 2.8      | Bottom  | 3          | 2         | 29.71           | 8.19 | 24.71         | 84.2  | 5.58     | 8.3            | 13.4     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR5(N)    | 15:09 | 1.0      | Surface | 1          | 1         | 29.55           | 7.82 | 23.11         | 85.1  | 5.63     | 5.3            | 10.2     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR5(N)    | 15:10 | 1.0      | Surface | 1          | 2         | 29.75           | 7.81 | 22.92         | 85.6  | 5.69     | 5.2            | 10.6     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR5(N)    | 15:09 | 4.2      | Middle  | 2          | 1         | 29.31           | 7.84 | 25.54         | 81.0  | 5.42     | 5.4            | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR5(N)    | 15:09 | 4.2      | Middle  | 2          | 2         | 29.35           | 7.78 | 23.60         | 82.9  | 5.56     | 5.6            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR5(N)    | 15:09 | 7.4      | Bottom  | 3          | 1         | 29.44           | 7.78 | 26.24         | 81.0  | 5.35     | 5.7            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR5(N)    | 15:09 | 7.4      | Bottom  | 3          | 2         | 29.28           | 7.85 | 26.36         | 80.0  | 5.37     | 5.9            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10A(N)  | 16:59 | 1.0      | Surface | 1          | 1         | 29.81           | 7.83 | 26.64         | 88.5  | 5.78     | 2.9            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10A(N)  | 16:59 | 1.0      | Surface | 1          | 2         | 29.76           | 7.82 | 27.24         | 88.1  | 5.73     | 3.0            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10A(N)  | 16:58 | 7.1      | Middle  | 2          | 1         | 29.72           | 7.84 | 27.44         | 86.0  | 5.61     | 3.1            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10A(N)  | 16:59 | 7.1      | Middle  | 2          | 2         | 29.72           | 7.82 | 27.45         | 86.3  | 5.65     | 3.2            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10A(N)  | 16:58 | 13.1     | Bottom  | 3          | 1         | 29.70           | 7.85 | 27.34         | 84.7  | 5.53     | 3.3            | 11.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10A(N)  | 16:59 | 13.1     | Bottom  | 3          | 2         | 29.73           | 7.82 | 27.50         | 85.1  | 5.56     | 3.3            | 12.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10B(N2) | 17:07 | 1.0      | Surface | 1          | 1         | 29.60           | 7.79 | 27.71         | 83.1  | 5.43     | 3.2            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10B(N2) | 17:08 | 1.0      | Surface | 1          | 2         | 29.57           | 7.78 | 27.80         | 82.5  | 5.39     | 3.2            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10B(N2) | 17:07 | 3.9      | Middle  | 2          | 1         | 29.59           | 7.80 | 27.79         | 82.0  | 5.35     | 3.3            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10B(N2) | 17:08 | 3.9      | Middle  | 2          | 2         | 29.51           | 7.78 | 27.94         | 81.9  | 5.35     | 3.2            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10B(N2) | 17:07 | 6.7      | Bottom  | 3          | 1         | 29.62           | 7.78 | 27.77         | 81.0  | 5.30     | 3.3            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | SR10B(N2) | 17:07 | 6.7      | Bottom  | 3          | 2         | 29.61           | 7.82 | 27.77         | 81.6  | 5.33     | 3.3            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | CS2(A)    | 14:24 | 1.0      | Surface | 1          | 1         | 29.61           | 7.85 | 26.57         | 88.4  | 5.82     | 3.2            | 3.1      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | CS2(A)    | 14:23 | 1.0      | Surface | 1          | 2         | 29.51           | 7.91 | 26.73         | 88.8  | 5.84     | 3.1            | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | CS2(A)    | 14:24 | 4.0      | Middle  | 2          | 1         | 29.47           | 7.87 | 26.75         | 88.2  | 5.81     | 3.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb | Sunny             | CS2(A)    | 14:23 | 4.0      | Middle  | 2          | 2         | 29.36           | 7.98 | 26.77         | 88.0  | 5.80     | 3.4            | 6.4      |

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 | 2017-09-25        | Mid-Ebb   | Sunny             | CS2(A)   | 14:23 | 7.0      | Bottom  | 3          | 1         | 29.47           | 7.89 | 26.72         | 87.6  | 5.78     | 3.7            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | CS2(A)   | 14:23 | 7.0      | Bottom  | 3          | 2         | 29.17           | 7.88 | 28.17         | 87.3  | 5.74     | 3.8            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | CS(Mf)5  | 16:28 | 1.0      | Surface | 1          | 1         | 29.61           | 8.21 | 25.04         | 79.0  | 5.24     | 2.8            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | CS(Mf)5  | 16:29 | 1.0      | Surface | 1          | 2         | 29.66           | 8.19 | 25.22         | 83.0  | 5.47     | 2.6            | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | CS(Mf)5  | 16:28 | 6.5      | Middle  | 2          | 1         | 29.19           | 8.19 | 27.38         | 80.0  | 5.29     | 3.5            | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | CS(Mf)5  | 16:28 | 6.5      | Middle  | 2          | 2         | 29.18           | 8.21 | 27.18         | 78.5  | 5.18     | 3.2            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | CS(Mf)5  | 16:28 | 11.9     | Bottom  | 3          | 1         | 29.20           | 8.18 | 27.79         | 77.3  | 5.08     | 3.5            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Ebb   | Sunny             | CS(Mf)5  | 16:27 | 11.9     | Bottom  | 3          | 2         | 29.16           | 8.22 | 27.52         | 74.7  | 4.92     | 3.2            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS5      | 10:44 | 1.0      | Surface | 1          | 1         | 29.27           | 8.19 | 24.19         | 86.7  | 5.80     | 4.6            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS5      | 10:44 | 1.0      | Surface | 1          | 2         | 29.27           | 8.18 | 24.21         | 85.6  | 5.73     | 4.4            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS5      | 10:44 | 4.6      | Middle  | 2          | 1         | 29.21           | 8.20 | 24.37         | 87.4  | 5.85     | 4.3            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS5      | 10:44 | 4.6      | Middle  | 2          | 2         | 29.19           | 8.18 | 24.37         | 85.4  | 5.72     | 4.5            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS5      | 10:44 | 8.2      | Bottom  | 3          | 1         | 29.20           | 8.19 | 24.38         | 89.1  | 5.97     | 4.7            | 8.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS5      | 10:43 | 8.2      | Bottom  | 3          | 2         | 29.22           | 8.22 | 24.41         | 85.7  | 5.74     | 4.3            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)6  | 10:32 | 1.0      | Surface | 1          | 1         | 29.26           | 8.17 | 23.96         | 89.1  | 5.98     | 8.1            | 12.9     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)6  | 10:31 | 1.0      | Surface | 1          | 2         | 29.26           | 8.18 | 23.94         | 85.9  | 5.76     | 7.8            | 12.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)6  | 10:31 | 2.2      | Bottom  | 3          | 1         | 29.26           | 8.17 | 23.98         | 84.8  | 5.69     | 8.0            | 12.6     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)6  | 10:31 | 2.2      | Bottom  | 3          | 2         | 29.24           | 8.20 | 23.95         | 83.9  | 5.63     | 8.4            | 11.7     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS7      | 10:18 | 1.0      | Surface | 1          | 1         | 29.32           | 8.20 | 23.80         | 86.8  | 5.82     | 5.8            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS7      | 10:19 | 1.0      | Surface | 1          | 2         | 29.34           | 8.18 | 23.83         | 87.8  | 5.89     | 6.0            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS7      | 10:18 | 2.4      | Bottom  | 3          | 1         | 29.32           | 8.18 | 23.84         | 83.7  | 5.61     | 6.3            | 9.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS7      | 10:18 | 2.4      | Bottom  | 3          | 2         | 29.31           | 8.21 | 23.79         | 84.4  | 5.66     | 6.0            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS8      | 9:40  | 1.0      | Surface | 1          | 1         | 29.29           | 8.17 | 24.31         | 84.8  | 5.67     | 6.6            | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS8      | 9:39  | 1.0      | Surface | 1          | 2         | 29.28           | 8.18 | 24.19         | 81.2  | 5.44     | 6.4            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS8      | 9:39  | 3.1      | Bottom  | 3          | 1         | 29.30           | 8.18 | 24.44         | 78.7  | 5.27     | 6.7            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS8      | 9:39  | 3.1      | Bottom  | 3          | 2         | 29.30           | 8.17 | 24.50         | 79.8  | 5.33     | 7.0            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)9  | 10:05 | 1.0      | Surface | 1          | 1         | 29.27           | 8.18 | 23.98         | 83.7  | 5.61     | 6.4            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)9  | 10:06 | 1.0      | Surface | 1          | 2         | 29.25           | 8.17 | 24.13         | 83.3  | 5.59     | 6.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)9  | 10:06 | 2.8      | Bottom  | 3          | 1         | 29.24           | 8.17 | 24.27         | 83.7  | 5.60     | 6.9            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS(Mf)9  | 10:05 | 2.8      | Bottom  | 3          | 2         | 29.23           | 8.18 | 24.29         | 83.9  | 5.62     | 7.0            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS10(N)  | 9:34  | 1.0      | Surface | 1          | 1         | 29.23           | 7.63 | 23.80         | 90.5  | 6.04     | 3.3            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS10(N)  | 9:34  | 1.0      | Surface | 1          | 2         | 29.19           | 7.65 | 24.24         | 89.8  | 6.02     | 3.4            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS10(N)  | 9:34  | 5.6      | Middle  | 2          | 1         | 29.20           | 7.64 | 24.09         | 87.8  | 5.89     | 3.6            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS10(N)  | 9:34  | 5.6      | Middle  | 2          | 2         | 29.18           | 7.67 | 24.39         | 86.6  | 5.81     | 3.5            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS10(N)  | 9:34  | 10.1     | Bottom  | 3          | 1         | 29.20           | 7.65 | 24.23         | 85.7  | 5.75     | 3.8            | 9.9      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | IS10(N)  | 9:34  | 10.1     | Bottom  | 3          | 2         | 29.20           | 7.63 | 24.54         | 85.1  | 5.72     | 3.7            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR3(N)   | 10:58 | 1.0      | Surface | 1          | 1         | 29.27           | 8.20 | 24.19         | 89.1  | 5.98     | 5.3            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR3(N)   | 10:58 | 1.0      | Surface | 1          | 2         | 29.23           | 8.22 | 24.18         | 87.9  | 5.89     | 5.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR3(N)   | 10:58 | 3.2      | Bottom  | 3          | 1         | 29.18           | 8.21 | 24.26         | 86.5  | 5.80     | 5.9            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR3(N)   | 10:58 | 3.2      | Bottom  | 3          | 2         | 29.16           | 8.23 | 24.21         | 86.0  | 5.76     | 6.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR4(N)   | 9:50  | 1.0      | Surface | 1          | 1         | 29.37           | 8.16 | 24.36         | 76.8  | 5.13     | 10.4           | 15.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR4(N)   | 9:50  | 1.0      | Surface | 1          | 2         | 29.38           | 8.15 | 24.40         | 78.5  | 5.24     | 10.5           | 15.7     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR4(N)   | 9:50  | 2.9      | Bottom  | 3          | 1         | 29.38           | 8.16 | 24.37         | 75.9  | 5.07     | 9.8            | 14.9     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR4(N)   | 9:50  | 2.9      | Bottom  | 3          | 2         | 29.37           | 8.17 | 24.33         | 75.4  | 5.04     | 10.0           | 16.1     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR5(N)   | 9:44  | 1.0      | Surface | 1          | 1         | 29.28           | 7.61 | 23.95         | 86.3  | 5.76     | 5.2            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR5(N)   | 9:44  | 1.0      | Surface | 1          | 2         | 29.28           | 7.62 | 23.76         | 86.7  | 5.81     | 5.2            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR5(N)   | 9:44  | 4.3      | Middle  | 2          | 1         | 29.13           | 7.63 | 24.92         | 82.6  | 5.50     | 5.3            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR5(N)   | 9:44  | 4.3      | Middle  | 2          | 2         | 29.16           | 7.62 | 24.46         | 84.4  | 5.66     | 5.4            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR5(N)   | 9:43  | 7.6      | Bottom  | 3          | 1         | 29.13           | 7.63 | 25.61         | 81.9  | 5.50     | 5.6            | 10.0     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR5(N)   | 9:44  | 7.6      | Bottom  | 3          | 2         | 29.16           | 7.61 | 25.54         | 82.0  | 5.48     | 5.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10A(N) | 8:48  | 1.0      | Surface | 1          | 1         | 29.06           | 7.58 | 26.38         | 84.9  | 5.63     | 5.2            | 10.8     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10A(N) | 8:48  | 1.0      | Surface | 1          | 2         | 29.06           | 7.57 | 26.36         | 83.6  | 5.55     | 5.1            | 9.3      |

## 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 | 2017-09-25        | Mid-Flood | Sunny             | SR10A(N)  | 8:48  | 7.2      | Middle  | 2          | 1         | 29.03           | 7.58 | 26.48         | 82.5  | 5.48     | 5.3            | 11.5     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10A(N)  | 8:48  | 7.2      | Middle  | 2          | 2         | 29.03           | 7.57 | 26.47         | 81.5  | 5.41     | 5.3            | 11.5     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10A(N)  | 8:48  | 13.3     | Bottom  | 3          | 1         | 29.04           | 7.57 | 26.53         | 80.6  | 5.35     | 5.6            | 16.8     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10A(N)  | 8:47  | 13.3     | Bottom  | 3          | 2         | 29.02           | 7.60 | 26.57         | 80.5  | 5.35     | 5.4            | 16.2     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10B(N2) | 8:35  | 1.0      | Surface | 1          | 1         | 28.90           | 7.53 | 29.42         | 80.5  | 5.27     | 7.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10B(N2) | 8:36  | 1.0      | Surface | 1          | 2         | 28.90           | 7.58 | 29.48         | 79.8  | 5.24     | 7.3            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10B(N2) | 8:36  | 4        | Middle  | 2          | 1         | 28.90           | 7.56 | 29.44         | 77.8  | 5.11     | 7.4            | 8.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10B(N2) | 8:35  | 4        | Middle  | 2          | 2         | 28.89           | 7.51 | 29.53         | 77.0  | 5.04     | 7.5            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10B(N2) | 8:35  | 6.9      | Bottom  | 3          | 1         | 28.91           | 7.49 | 29.65         | 74.8  | 4.90     | 7.8            | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | SR10B(N2) | 8:35  | 6.9      | Bottom  | 3          | 2         | 28.90           | 7.54 | 29.43         | 76.0  | 4.97     | 7.6            | 13.7     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS2(A)    | 10:30 | 1.0      | Surface | 1          | 1         | 29.35           | 7.67 | 23.46         | 87.3  | 5.82     | 5.3            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS2(A)    | 10:30 | 1.0      | Surface | 1          | 2         | 29.40           | 7.66 | 23.20         | 87.8  | 5.86     | 5.1            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS2(A)    | 10:30 | 4.1      | Middle  | 2          | 1         | 29.08           | 7.68 | 25.90         | 84.3  | 5.66     | 5.5            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS2(A)    | 10:29 | 4.1      | Middle  | 2          | 2         | 29.18           | 7.71 | 25.47         | 82.2  | 5.42     | 5.4            | 8.1      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS2(A)    | 10:29 | 7.1      | Bottom  | 3          | 1         | 29.14           | 7.62 | 25.81         | 81.7  | 5.44     | 5.8            | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS2(A)    | 10:30 | 7.1      | Bottom  | 3          | 2         | 29.15           | 7.66 | 27.24         | 81.5  | 5.48     | 5.7            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS(Mf)5   | 9:02  | 1.0      | Surface | 1          | 1         | 29.28           | 8.12 | 24.78         | 81.2  | 5.42     | 3.5            | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS(Mf)5   | 9:03  | 1.0      | Surface | 1          | 2         | 29.29           | 8.14 | 24.05         | 81.5  | 5.44     | 3.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS(Mf)5   | 9:02  | 6.3      | Middle  | 2          | 1         | 29.26           | 8.12 | 26.77         | 80.5  | 5.39     | 5.3            | 8.7      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS(Mf)5   | 9:03  | 6.3      | Middle  | 2          | 2         | 29.25           | 8.13 | 25.71         | 80.2  | 5.38     | 5.2            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS(Mf)5   | 9:03  | 11.6     | Bottom  | 3          | 1         | 29.24           | 8.13 | 26.22         | 77.0  | 5.11     | 4.7            | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-25        | Mid-Flood | Sunny             | CS(Mf)5   | 9:01  | 11.6     | Bottom  | 3          | 2         | 29.25           | 8.11 | 28.27         | 78.0  | 5.17     | 4.9            | 9.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS5       | 16:47 | 1.0      | Surface | 1          | 1         | 30.89           | 8.21 | 22.43         | 92.1  | 6.07     | 4.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS5       | 16:47 | 1.0      | Surface | 1          | 2         | 30.90           | 8.22 | 22.20         | 91.4  | 6.02     | 3.9            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS5       | 16:47 | 4.2      | Middle  | 2          | 1         | 30.46           | 8.21 | 22.95         | 87.6  | 5.80     | 4.7            | 9.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS5       | 16:47 | 4.2      | Middle  | 2          | 2         | 30.60           | 8.20 | 22.98         | 90.0  | 5.94     | 4.5            | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS5       | 16:46 | 7.4      | Bottom  | 3          | 1         | 30.19           | 8.22 | 23.44         | 88.0  | 5.83     | 5.5            | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS5       | 16:47 | 7.4      | Bottom  | 3          | 2         | 30.53           | 8.20 | 23.09         | 91.2  | 6.02     | 5.2            | 13.5     |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)6   | 17:02 | 1.0      | Surface | 1          | 1         | 31.02           | 8.22 | 21.77         | 100.1 | 6.60     | 3.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)6   | 17:01 | 1.0      | Surface | 1          | 2         | 31.08           | 8.22 | 21.80         | 100.0 | 6.59     | 3.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)6   | 17:01 | 2.2      | Bottom  | 3          | 1         | 30.66           | 8.21 | 22.89         | 98.5  | 6.49     | 5.2            | 8.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)6   | 17:01 | 2.2      | Bottom  | 3          | 2         | 30.78           | 8.19 | 23.02         | 98.3  | 6.47     | 5.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS7       | 17:15 | 1.0      | Surface | 1          | 1         | 31.23           | 8.24 | 20.70         | 101.2 | 6.69     | 3.4            | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS7       | 17:14 | 1.0      | Surface | 1          | 2         | 31.10           | 8.24 | 20.70         | 100.9 | 6.69     | 3.6            | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS7       | 17:14 | 2.2      | Bottom  | 3          | 1         | 30.80           | 8.24 | 21.37         | 100.4 | 6.66     | 3.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS7       | 17:14 | 2.2      | Bottom  | 3          | 2         | 30.95           | 8.23 | 21.35         | 100.8 | 6.67     | 3.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS8       | 17:49 | 1.0      | Surface | 1          | 1         | 30.67           | 8.19 | 21.43         | 90.9  | 6.04     | 8.9            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS8       | 17:48 | 1.0      | Surface | 1          | 2         | 30.37           | 8.17 | 21.80         | 88.0  | 5.86     | 8.2            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS8       | 17:48 | 2.9      | Bottom  | 3          | 1         | 30.55           | 8.17 | 23.16         | 88.7  | 5.85     | 9.0            | 11.1     |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS8       | 17:48 | 2.9      | Bottom  | 3          | 2         | 30.10           | 8.16 | 23.77         | 89.3  | 5.91     | 9.2            | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)9   | 17:27 | 1.0      | Surface | 1          | 1         | 31.12           | 8.22 | 20.97         | 100.1 | 6.62     | 4.0            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)9   | 17:26 | 1.0      | Surface | 1          | 2         | 31.14           | 8.22 | 20.90         | 99.8  | 6.60     | 4.0            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)9   | 17:26 | 2.5      | Bottom  | 3          | 1         | 30.90           | 8.21 | 22.08         | 99.4  | 6.56     | 4.4            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS(Mf)9   | 17:26 | 2.5      | Bottom  | 3          | 2         | 30.95           | 8.21 | 22.72         | 99.8  | 6.56     | 4.7            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS10(N)   | 17:18 | 1.0      | Surface | 1          | 1         | 30.89           | 7.73 | 14.63         | 79.7  | 5.48     | 5.3            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS10(N)   | 17:19 | 1.0      | Surface | 1          | 2         | 31.01           | 7.74 | 14.30         | 80.4  | 5.52     | 5.5            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS10(N)   | 17:18 | 6.1      | Middle  | 2          | 1         | 29.74           | 7.64 | 24.24         | 79.2  | 5.14     | 6.6            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS10(N)   | 17:17 | 6.1      | Middle  | 2          | 2         | 29.58           | 7.63 | 26.31         | 78.7  | 5.10     | 6.8            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS10(N)   | 17:18 | 11.1     | Bottom  | 3          | 1         | 29.57           | 7.62 | 28.93         | 74.4  | 4.95     | 6.8            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | IS10(N)   | 17:17 | 11.1     | Bottom  | 3          | 2         | 29.22           | 7.61 | 29.17         | 73.8  | 4.81     | 6.8            | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR3(N)    | 16:34 | 1.0      | Surface | 1          | 1         | 31.17           | 8.23 | 19.45         | 98.9  | 6.59     | 5.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR3(N)    | 16:34 | 1.0      | Surface | 1          | 2         | 31.16           | 8.24 | 19.80         | 99.5  | 6.62     | 5.4            | 7.3      |

## 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 | 2017-09-27        | Mid-Ebb   | Sunny             | SR3(N)    | 16:34 | 2.9      | Bottom  | 3          | 1         | 31.17           | 8.24 | 20.48         | 99.1  | 6.57     | 6.3            | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR3(N)    | 16:34 | 2.9      | Bottom  | 3          | 2         | 31.11           | 8.23 | 20.10         | 98.4  | 6.54     | 6.0            | 9.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR4(N)    | 17:37 | 1.0      | Surface | 1          | 1         | 30.60           | 8.21 | 21.28         | 91.2  | 6.07     | 7.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR4(N)    | 17:38 | 1.0      | Surface | 1          | 2         | 30.67           | 8.20 | 21.30         | 91.8  | 6.10     | 6.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR4(N)    | 17:38 | 2.7      | Bottom  | 3          | 1         | 30.59           | 8.20 | 22.88         | 91.5  | 6.04     | 7.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR4(N)    | 17:37 | 2.7      | Bottom  | 3          | 2         | 30.12           | 8.21 | 23.26         | 92.6  | 6.14     | 7.1            | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR5(N)    | 17:11 | 1.0      | Surface | 1          | 1         | 30.65           | 7.69 | 15.81         | 83.7  | 5.74     | 3.5            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR5(N)    | 17:10 | 1.0      | Surface | 1          | 2         | 30.50           | 7.69 | 16.11         | 84.2  | 5.78     | 3.4            | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR5(N)    | 17:10 | 4.1      | Middle  | 2          | 1         | 30.11           | 7.68 | 20.30         | 78.9  | 5.28     | 5.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR5(N)    | 17:10 | 4.1      | Middle  | 2          | 2         | 30.16           | 7.67 | 20.69         | 81.7  | 5.50     | 5.6            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR5(N)    | 17:10 | 7.2      | Bottom  | 3          | 1         | 29.47           | 7.63 | 27.15         | 77.8  | 5.11     | 5.8            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR5(N)    | 17:09 | 7.2      | Bottom  | 3          | 2         | 29.37           | 7.63 | 27.37         | 80.1  | 5.26     | 5.6            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10A(N)  | 18:08 | 1.0      | Surface | 1          | 1         | 30.40           | 7.70 | 24.46         | 83.4  | 5.47     | 2.3            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10A(N)  | 18:07 | 1.0      | Surface | 1          | 2         | 30.38           | 7.70 | 24.52         | 83.4  | 5.48     | 2.3            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10A(N)  | 18:07 | 6.6      | Middle  | 2          | 1         | 29.81           | 7.71 | 25.01         | 80.3  | 5.18     | 3.3            | 2.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10A(N)  | 18:07 | 6.6      | Middle  | 2          | 2         | 30.22           | 7.71 | 24.74         | 80.2  | 5.28     | 3.1            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10A(N)  | 18:07 | 12.1     | Bottom  | 3          | 1         | 29.24           | 7.74 | 31.06         | 79.2  | 5.17     | 3.3            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10A(N)  | 18:07 | 12.1     | Bottom  | 3          | 2         | 29.49           | 7.69 | 31.31         | 78.3  | 5.16     | 3.3            | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:16 | 1.0      | Surface | 1          | 1         | 30.14           | 7.72 | 24.90         | 78.8  | 5.19     | 2.5            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:15 | 1.0      | Surface | 1          | 2         | 30.21           | 7.71 | 25.19         | 82.5  | 5.36     | 2.4            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:15 | 3.3      | Middle  | 2          | 1         | 29.77           | 7.70 | 26.71         | 81.7  | 5.34     | 3.5            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:16 | 3.3      | Middle  | 2          | 2         | 29.73           | 7.71 | 28.16         | 78.1  | 5.04     | 3.6            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:15 | 5.6      | Bottom  | 3          | 1         | 29.34           | 7.71 | 30.37         | 79.0  | 5.18     | 3.6            | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:16 | 5.6      | Bottom  | 3          | 2         | 29.42           | 7.70 | 30.46         | 76.0  | 4.94     | 3.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS2(A)    | 16:21 | 1.0      | Surface | 1          | 1         | 30.06           | 7.86 | 18.47         | 85.2  | 5.81     | 5.8            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS2(A)    | 16:21 | 1.0      | Surface | 1          | 2         | 29.96           | 7.87 | 19.09         | 85.0  | 5.73     | 5.9            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS2(A)    | 16:21 | 3.6      | Middle  | 2          | 1         | 29.37           | 7.85 | 27.37         | 84.1  | 5.49     | 8.4            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS2(A)    | 16:21 | 3.6      | Middle  | 2          | 2         | 29.46           | 7.84 | 28.66         | 83.8  | 5.42     | 8.6            | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS2(A)    | 16:21 | 6.1      | Bottom  | 3          | 1         | 29.21           | 7.85 | 31.01         | 82.3  | 5.41     | 8.5            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS2(A)    | 16:21 | 6.1      | Bottom  | 3          | 2         | 29.43           | 7.82 | 30.85         | 83.1  | 5.40     | 8.4            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:12 | 1.0      | Surface | 1          | 1         | 30.68           | 8.21 | 20.27         | 84.5  | 5.65     | 1.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:11 | 1.0      | Surface | 1          | 2         | 30.86           | 8.22 | 20.02         | 87.9  | 5.87     | 1.4            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:12 | 6.3      | Middle  | 2          | 1         | 30.03           | 8.17 | 25.59         | 80.9  | 5.31     | 1.4            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:11 | 6.3      | Middle  | 2          | 2         | 29.76           | 8.22 | 26.22         | 80.6  | 5.30     | 1.4            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:11 | 11.6     | Bottom  | 3          | 1         | 29.89           | 8.16 | 26.65         | 83.0  | 5.43     | 1.9            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:11 | 11.6     | Bottom  | 3          | 2         | 29.55           | 8.21 | 27.63         | 83.0  | 5.43     | 1.7            | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS5       | 12:42 | 1.0      | Surface | 1          | 1         | 30.52           | 8.17 | 21.74         | 86.7  | 5.76     | 2.7            | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS5       | 12:41 | 1.0      | Surface | 1          | 2         | 30.56           | 8.20 | 21.32         | 87.3  | 5.81     | 2.8            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS5       | 12:41 | 4.3      | Middle  | 2          | 1         | 30.12           | 8.20 | 22.30         | 85.0  | 5.68     | 4.6            | 5.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS5       | 12:42 | 4.3      | Middle  | 2          | 2         | 30.14           | 8.17 | 22.84         | 84.7  | 5.63     | 4.4            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS5       | 12:41 | 7.5      | Bottom  | 3          | 1         | 30.04           | 8.22 | 22.49         | 86.9  | 5.80     | 4.7            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS5       | 12:42 | 7.5      | Bottom  | 3          | 2         | 30.12           | 8.17 | 23.14         | 86.3  | 5.74     | 4.3            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)6   | 12:29 | 1.0      | Surface | 1          | 1         | 30.39           | 8.16 | 22.91         | 88.9  | 5.88     | 2.0            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)6   | 12:29 | 1.0      | Surface | 1          | 2         | 30.46           | 8.16 | 22.89         | 90.0  | 5.95     | 2.1            | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)6   | 12:28 | 2.2      | Bottom  | 3          | 1         | 30.31           | 8.15 | 23.91         | 88.2  | 5.82     | 3.2            | 9.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)6   | 12:29 | 2.2      | Bottom  | 3          | 2         | 30.36           | 8.16 | 23.91         | 89.2  | 5.88     | 2.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS7       | 12:19 | 1.0      | Surface | 1          | 1         | 30.37           | 8.19 | 23.00         | 90.8  | 6.01     | 4.4            | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS7       | 12:19 | 1.0      | Surface | 1          | 2         | 30.46           | 8.17 | 22.92         | 93.0  | 6.14     | 4.0            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS7       | 12:18 | 2.6      | Bottom  | 3          | 1         | 30.22           | 8.20 | 24.12         | 89.1  | 5.90     | 6.2            | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS7       | 12:19 | 2.6      | Bottom  | 3          | 2         | 30.30           | 8.17 | 24.35         | 89.9  | 5.92     | 5.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS8       | 11:48 | 1.0      | Surface | 1          | 1         | 30.31           | 8.14 | 19.86         | 85.0  | 5.73     | 14.1           | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS8       | 11:47 | 1.0      | Surface | 1          | 2         | 30.34           | 8.18 | 19.53         | 86.4  | 5.83     | 13.7           | 8.1      |



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 | 2017-09-27        | Mid-Flood | Sunny             | IS8       | 11:47 | 2.9      | Bottom  | 3          | 1         | 30.27           | 8.16 | 20.09         | 85.7  | 5.77     | 16.2           | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS8       | 11:47 | 2.9      | Bottom  | 3          | 2         | 30.22           | 8.20 | 20.09         | 88.2  | 5.95     | 15.5           | 9.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)9   | 12:09 | 1.0      | Surface | 1          | 1         | 30.48           | 8.17 | 23.03         | 89.2  | 5.89     | 10.3           | 6.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)9   | 12:09 | 1.0      | Surface | 1          | 2         | 30.41           | 8.16 | 22.81         | 90.8  | 5.99     | 10.5           | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)9   | 12:09 | 2.8      | Bottom  | 3          | 1         | 30.24           | 8.14 | 24.79         | 88.1  | 5.79     | 13.1           | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS(Mf)9   | 12:08 | 2.8      | Bottom  | 3          | 2         | 30.48           | 8.18 | 23.22         | 87.5  | 5.80     | 12.2           | 6.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS10(N)   | 11:59 | 1.0      | Surface | 1          | 1         | 30.27           | 7.65 | 17.84         | 81.1  | 5.53     | 4.6            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS10(N)   | 11:58 | 1.0      | Surface | 1          | 2         | 30.28           | 7.65 | 17.88         | 82.1  | 5.60     | 4.5            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS10(N)   | 11:59 | 6.3      | Middle  | 2          | 1         | 29.48           | 7.62 | 26.35         | 78.1  | 5.13     | 4.8            | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS10(N)   | 11:58 | 6.3      | Middle  | 2          | 2         | 29.51           | 7.63 | 26.28         | 76.1  | 5.01     | 4.8            | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS10(N)   | 11:58 | 11.6     | Bottom  | 3          | 1         | 29.48           | 7.60 | 27.00         | 73.8  | 4.87     | 4.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | IS10(N)   | 11:57 | 11.6     | Bottom  | 3          | 2         | 29.36           | 7.63 | 27.05         | 73.9  | 4.87     | 4.8            | 7.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR3(N)    | 12:55 | 1.0      | Surface | 1          | 1         | 30.54           | 8.17 | 22.12         | 90.0  | 5.97     | 2.0            | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR3(N)    | 12:55 | 1.0      | Surface | 1          | 2         | 30.48           | 8.16 | 22.26         | 90.0  | 5.97     | 1.9            | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR3(N)    | 12:54 | 3.1      | Bottom  | 3          | 1         | 30.44           | 8.17 | 22.24         | 89.6  | 5.95     | 2.1            | 5.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR3(N)    | 12:55 | 3.1      | Bottom  | 3          | 2         | 30.47           | 8.16 | 22.34         | 89.9  | 5.96     | 2.2            | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR4(N)    | 11:57 | 1.0      | Surface | 1          | 1         | 30.25           | 8.11 | 20.39         | 83.4  | 5.61     | 14.3           | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR4(N)    | 11:58 | 1.0      | Surface | 1          | 2         | 30.25           | 8.11 | 20.40         | 82.8  | 5.57     | 14.2           | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR4(N)    | 11:57 | 2.7      | Bottom  | 3          | 1         | 30.19           | 8.10 | 21.01         | 82.8  | 5.56     | 17.1           | 13.7     |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR4(N)    | 11:57 | 2.7      | Bottom  | 3          | 2         | 30.21           | 8.11 | 21.13         | 83.8  | 5.62     | 16.6           | 14.9     |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR5(N)    | 12:12 | 1.0      | Surface | 1          | 1         | 30.34           | 7.66 | 17.72         | 80.9  | 5.46     | 5.5            | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR5(N)    | 12:11 | 1.0      | Surface | 1          | 2         | 30.32           | 7.66 | 17.94         | 80.6  | 5.45     | 5.7            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR5(N)    | 12:11 | 4.5      | Middle  | 2          | 1         | 29.66           | 7.64 | 24.24         | 80.0  | 5.35     | 8.9            | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR5(N)    | 12:12 | 4.5      | Middle  | 2          | 2         | 29.66           | 7.64 | 24.09         | 78.6  | 5.19     | 8.6            | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR5(N)    | 12:11 | 8.0      | Bottom  | 3          | 1         | 29.62           | 7.62 | 25.85         | 75.3  | 5.02     | 8.7            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR5(N)    | 12:10 | 8.0      | Bottom  | 3          | 2         | 29.48           | 7.63 | 26.04         | 75.6  | 5.03     | 8.9            | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10A(N)  | 11:07 | 1.0      | Surface | 1          | 1         | 30.02           | 7.66 | 21.62         | 78.7  | 5.17     | 2.4            | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10A(N)  | 11:07 | 1.0      | Surface | 1          | 2         | 30.13           | 7.65 | 21.82         | 81.8  | 5.40     | 2.4            | 2.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10A(N)  | 11:07 | 6.4      | Middle  | 2          | 1         | 29.38           | 7.66 | 26.94         | 77.7  | 5.04     | 3.1            | 2.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10A(N)  | 11:06 | 6.4      | Middle  | 2          | 2         | 29.33           | 7.65 | 27.27         | 80.7  | 5.33     | 3.1            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10A(N)  | 11:07 | 11.8     | Bottom  | 3          | 1         | 29.39           | 7.64 | 29.71         | 74.6  | 4.91     | 3.2            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10A(N)  | 11:06 | 11.8     | Bottom  | 3          | 2         | 29.34           | 7.63 | 28.96         | 78.3  | 5.15     | 3.1            | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10B(N2) | 10:56 | 1.0      | Surface | 1          | 1         | 29.81           | 7.61 | 23.91         | 80.8  | 5.30     | 3.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10B(N2) | 10:55 | 1.0      | Surface | 1          | 2         | 29.91           | 7.58 | 24.08         | 86.4  | 5.54     | 3.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10B(N2) | 10:55 | 3.3      | Middle  | 2          | 1         | 29.30           | 7.58 | 27.95         | 82.3  | 5.46     | 4.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10B(N2) | 10:56 | 3.3      | Middle  | 2          | 2         | 29.43           | 7.60 | 28.01         | 79.7  | 5.27     | 4.6            | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10B(N2) | 10:55 | 5.5      | Bottom  | 3          | 1         | 29.44           | 7.58 | 31.68         | 81.0  | 5.31     | 4.5            | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | SR10B(N2) | 10:55 | 5.5      | Bottom  | 3          | 2         | 29.50           | 7.57 | 30.68         | 78.4  | 5.13     | 4.4            | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS2(A)    | 13:08 | 1.0      | Surface | 1          | 1         | 30.29           | 7.75 | 18.76         | 80.3  | 5.45     | 7.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS2(A)    | 13:08 | 1.0      | Surface | 1          | 2         | 30.65           | 7.76 | 18.43         | 82.6  | 5.41     | 7.3            | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS2(A)    | 13:08 | 3.6      | Middle  | 2          | 1         | 29.66           | 7.73 | 24.68         | 78.5  | 5.14     | 10.9           | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS2(A)    | 13:07 | 3.6      | Middle  | 2          | 2         | 29.54           | 7.72 | 25.78         | 80.1  | 5.31     | 11.3           | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS2(A)    | 13:08 | 6.2      | Bottom  | 3          | 1         | 29.40           | 7.72 | 27.90         | 77.0  | 5.11     | 11.8           | 6.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS2(A)    | 13:07 | 6.2      | Bottom  | 3          | 2         | 29.43           | 7.71 | 27.89         | 78.2  | 5.17     | 11.8           | 7.1      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS(Mf)5   | 11:19 | 1.0      | Surface | 1          | 1         | 30.48           | 8.11 | 22.09         | 81.4  | 5.41     | 2.3            | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS(Mf)5   | 11:20 | 1.0      | Surface | 1          | 2         | 30.47           | 8.11 | 21.46         | 82.6  | 5.51     | 2.4            | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS(Mf)5   | 11:20 | 6.4      | Middle  | 2          | 1         | 29.41           | 8.10 | 28.43         | 79.8  | 5.32     | 3.7            | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS(Mf)5   | 11:19 | 6.4      | Middle  | 2          | 2         | 29.37           | 8.11 | 29.32         | 80.7  | 5.22     | 3.9            | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS(Mf)5   | 11:20 | 11.8     | Bottom  | 3          | 1         | 29.48           | 8.12 | 29.65         | 77.6  | 5.03     | 5.0            | 5.4      |
| HKLR    | HY/2011/03 | 2017-09-27        | Mid-Flood | Sunny             | CS(Mf)5   | 11:19 | 11.8     | Bottom  | 3          | 2         | 29.39           | 8.10 | 31.41         | 79.1  | 5.08     | 4.6            | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | IS5       | 7:54  | 1.0      | Surface | 1          | 1         | 30.48           | 8.30 | 20.49         | 85.30 | 5.72     | 3.60           | 5.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | IS5       | 7:55  | 1.0      | Surface | 1          | 2         | 30.44           | 8.31 | 20.44         | 84.70 | 5.68     | 3.50           | 6.2      |

## 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 | 2017-09-29        | Mid-Ebb | Fine              | IS5       | 7:55 | 4.1      | Middle  | 2          | 1         | 29.70           | 8.25 | 27.51         | 83.60 | 5.43     | 5.50           | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS5       | 7:54 | 4.1      | Middle  | 2          | 2         | 29.69           | 8.25 | 27.68         | 83.00 | 5.40     | 5.70           | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS5       | 7:54 | 7.1      | Bottom  | 3          | 1         | 29.48           | 8.25 | 28.81         | 78.10 | 5.10     | 5.60           | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS5       | 7:55 | 7.1      | Bottom  | 3          | 2         | 29.59           | 8.24 | 28.71         | 78.60 | 5.13     | 5.50           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)6   | 7:45 | 1.0      | Surface | 1          | 1         | 30.65           | 8.22 | 21.77         | 89.30 | 5.92     | 3.30           | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)6   | 7:45 | 1.0      | Surface | 1          | 2         | 30.65           | 8.23 | 22.07         | 93.50 | 6.17     | 3.20           | 4.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)6   | 7:45 | 2.0      | Bottom  | 3          | 1         | 30.29           | 8.21 | 23.81         | 92.30 | 6.11     | 3.30           | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)6   | 7:45 | 2.0      | Bottom  | 3          | 2         | 30.39           | 8.19 | 23.92         | 88.80 | 5.85     | 3.20           | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS7       | 7:36 | 1.0      | Surface | 1          | 1         | 30.26           | 8.23 | 19.27         | 90.20 | 6.11     | 1.80           | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS7       | 7:36 | 1.0      | Surface | 1          | 2         | 30.24           | 8.22 | 19.25         | 90.70 | 6.07     | 1.80           | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS7       | 7:36 | 2.1      | Bottom  | 3          | 1         | 30.26           | 8.19 | 21.96         | 89.30 | 6.05     | 1.90           | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS7       | 7:35 | 2.1      | Bottom  | 3          | 2         | 30.18           | 8.17 | 21.34         | 88.90 | 5.96     | 1.80           | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS8       | 7:05 | 1.0      | Surface | 1          | 1         | 30.50           | 8.17 | 19.97         | 83.60 | 5.62     | 4.60           | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS8       | 7:05 | 1.0      | Surface | 1          | 2         | 30.46           | 8.15 | 20.01         | 79.00 | 5.31     | 4.40           | 4.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS8       | 7:05 | 3.2      | Bottom  | 3          | 1         | 30.38           | 8.13 | 23.75         | 82.90 | 5.47     | 4.50           | 6.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS8       | 7:04 | 3.2      | Bottom  | 3          | 2         | 30.18           | 8.10 | 23.09         | 78.40 | 5.20     | 4.40           | 4.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)9   | 7:28 | 1.0      | Surface | 1          | 1         | 30.20           | 8.23 | 19.58         | 92.50 | 6.26     | 2.90           | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)9   | 7:27 | 1.0      | Surface | 1          | 2         | 30.21           | 8.21 | 19.56         | 89.60 | 6.06     | 3.00           | 6.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)9   | 7:27 | 2.7      | Bottom  | 3          | 1         | 30.23           | 8.13 | 22.88         | 89.30 | 5.93     | 3.60           | 5.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS(MF)9   | 7:27 | 2.7      | Bottom  | 3          | 2         | 30.24           | 8.18 | 22.92         | 92.00 | 6.14     | 3.60           | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS10(N)   | 7:18 | 1.0      | Surface | 1          | 1         | 29.88           | 7.79 | 22.55         | 82.10 | 5.38     | 2.70           | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS10(N)   | 7:19 | 1.0      | Surface | 1          | 2         | 29.89           | 7.82 | 22.58         | 83.10 | 5.49     | 2.90           | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS10(N)   | 7:18 | 5.5      | Middle  | 2          | 1         | 29.61           | 7.80 | 26.06         | 80.70 | 5.25     | 4.10           | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS10(N)   | 7:18 | 5.5      | Middle  | 2          | 2         | 29.61           | 7.76 | 25.97         | 80.20 | 5.20     | 4.30           | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS10(N)   | 7:18 | 9.9      | Bottom  | 3          | 1         | 29.53           | 7.75 | 26.96         | 78.40 | 5.15     | 4.50           | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | IS10(N)   | 7:18 | 9.9      | Bottom  | 3          | 2         | 29.68           | 7.79 | 26.75         | 75.20 | 5.04     | 4.20           | 6.0      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR3(N)    | 8:04 | 1.0      | Surface | 1          | 1         | 30.54           | 8.22 | 20.81         | 91.10 | 5.99     | 4.20           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR3(N)    | 8:04 | 1.0      | Surface | 1          | 2         | 30.53           | 8.23 | 20.75         | 87.90 | 5.83     | 4.20           | 6.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR3(N)    | 8:04 | 2.6      | Bottom  | 3          | 1         | 30.53           | 8.19 | 23.30         | 87.10 | 5.76     | 4.50           | 8.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR3(N)    | 8:04 | 2.6      | Bottom  | 3          | 2         | 30.57           | 8.20 | 23.66         | 87.90 | 5.88     | 4.30           | 9.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR4(N)    | 7:11 | 1.0      | Surface | 1          | 1         | 30.24           | 8.16 | 19.30         | 88.40 | 5.89     | 6.40           | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR4(N)    | 7:12 | 1.0      | Surface | 1          | 2         | 30.23           | 8.16 | 19.32         | 86.60 | 5.82     | 6.30           | 4.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR4(N)    | 7:11 | 2.6      | Bottom  | 3          | 1         | 30.34           | 8.13 | 21.79         | 85.90 | 5.77     | 6.40           | 6.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR4(N)    | 7:11 | 2.6      | Bottom  | 3          | 2         | 30.45           | 8.13 | 21.42         | 86.40 | 5.85     | 6.50           | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR5(N)    | 7:29 | 1.0      | Surface | 1          | 1         | 29.74           | 7.84 | 21.25         | 89.00 | 5.84     | 2.20           | 2.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR5(N)    | 7:29 | 1.0      | Surface | 1          | 2         | 29.74           | 7.81 | 21.26         | 88.40 | 5.79     | 2.00           | 2.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR5(N)    | 7:29 | 4.3      | Middle  | 2          | 1         | 29.67           | 7.80 | 26.17         | 83.10 | 5.63     | 3.30           | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR5(N)    | 7:28 | 4.3      | Middle  | 2          | 2         | 29.59           | 7.80 | 26.95         | 82.90 | 5.60     | 3.50           | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR5(N)    | 7:28 | 7.5      | Bottom  | 3          | 1         | 29.59           | 7.80 | 27.04         | 81.00 | 5.31     | 3.70           | 2.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR5(N)    | 7:29 | 7.5      | Bottom  | 3          | 2         | 29.60           | 7.79 | 27.01         | 77.30 | 5.07     | 3.50           | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10A(N)  | 6:19 | 1.0      | Surface | 1          | 1         | 30.05           | 7.86 | 24.01         | 83.80 | 5.55     | 2.10           | 3.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10A(N)  | 6:19 | 1.0      | Surface | 1          | 2         | 29.99           | 7.88 | 24.01         | 82.50 | 5.47     | 2.00           | 2.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10A(N)  | 6:19 | 7.0      | Middle  | 2          | 1         | 29.67           | 7.85 | 29.58         | 80.10 | 5.18     | 2.20           | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10A(N)  | 6:19 | 7.0      | Middle  | 2          | 2         | 29.71           | 7.87 | 29.67         | 81.20 | 5.24     | 2.00           | 2.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10A(N)  | 6:18 | 12.9     | Bottom  | 3          | 1         | 29.58           | 7.81 | 30.46         | 84.00 | 5.41     | 2.80           | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10A(N)  | 6:19 | 12.9     | Bottom  | 3          | 2         | 29.98           | 7.84 | 29.67         | 84.80 | 5.45     | 3.00           | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10B(N2) | 6:05 | 1.0      | Surface | 1          | 1         | 30.07           | 7.79 | 23.94         | 87.20 | 5.77     | 1.50           | 2.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10B(N2) | 6:06 | 1.0      | Surface | 1          | 2         | 30.07           | 7.78 | 23.99         | 87.60 | 5.80     | 1.60           | 2.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10B(N2) | 6:05 | 3.7      | Middle  | 2          | 1         | 30.05           | 7.78 | 24.41         | 85.10 | 5.62     | 1.70           | 4.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10B(N2) | 6:05 | 3.7      | Middle  | 2          | 2         | 30.00           | 7.77 | 24.53         | 87.40 | 5.63     | 1.80           | 5.0      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10B(N2) | 6:04 | 6.4      | Bottom  | 3          | 1         | 29.66           | 7.78 | 30.28         | 83.60 | 5.52     | 2.00           | 5.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb | Fine              | SR10B(N2) | 6:05 | 6.4      | Bottom  | 3          | 2         | 29.81           | 7.77 | 30.26         | 85.40 | 5.48     | 1.90           | 5.1      |

## 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 | 2017-09-29        | Mid-Ebb   | Fine              | CS2(A)  | 8:35  | 1.0      | Surface | 1          | 1         | 29.91           | 7.79 | 20.65         | 82.10  | 5.55     | 2.70           | 3.1      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS2(A)  | 8:36  | 1.0      | Surface | 1          | 2         | 29.87           | 7.80 | 20.87         | 86.50  | 5.59     | 2.60           | 4.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS2(A)  | 8:36  | 3.8      | Middle  | 2          | 1         | 29.60           | 7.81 | 24.59         | 82.50  | 5.43     | 2.50           | 3.0      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS2(A)  | 8:35  | 3.8      | Middle  | 2          | 2         | 29.53           | 7.79 | 26.66         | 80.40  | 5.43     | 2.70           | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS2(A)  | 8:36  | 6.6      | Bottom  | 3          | 1         | 29.42           | 7.78 | 30.34         | 80.10  | 5.18     | 2.90           | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS2(A)  | 8:35  | 6.6      | Bottom  | 3          | 2         | 29.34           | 7.76 | 30.51         | 79.50  | 5.28     | 3.20           | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS(Mf)5 | 6:31  | 1.0      | Surface | 1          | 1         | 30.29           | 8.14 | 22.68         | 81.40  | 5.40     | 1.60           | 2.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS(Mf)5 | 6:32  | 1.0      | Surface | 1          | 2         | 30.27           | 8.15 | 21.79         | 79.80  | 5.33     | 1.60           | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS(Mf)5 | 6:31  | 6.3      | Middle  | 2          | 1         | 29.95           | 8.15 | 27.93         | 78.70  | 5.03     | 1.80           | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS(Mf)5 | 6:32  | 6.3      | Middle  | 2          | 2         | 29.95           | 8.14 | 26.63         | 78.90  | 5.05     | 1.70           | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS(Mf)5 | 6:32  | 11.5     | Bottom  | 3          | 1         | 29.70           | 8.10 | 31.29         | 75.10  | 4.83     | 1.80           | 2.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Ebb   | Fine              | CS(Mf)5 | 6:31  | 11.5     | Bottom  | 3          | 2         | 29.41           | 8.13 | 33.55         | 74.70  | 4.81     | 1.80           | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS5     | 15:15 | 1.0      | Surface | 1          | 1         | 31.60           | 8.42 | 19.73         | 136.70 | 9.03     | 5.30           | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS5     | 15:14 | 1.0      | Surface | 1          | 2         | 31.47           | 8.41 | 19.68         | 135.80 | 8.94     | 5.40           | 7.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS5     | 15:14 | 4.6      | Middle  | 2          | 1         | 30.03           | 8.27 | 25.16         | 88.60  | 5.83     | 6.20           | 7.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS5     | 15:14 | 4.6      | Middle  | 2          | 2         | 29.86           | 8.27 | 25.41         | 87.30  | 5.78     | 6.40           | 6.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS5     | 15:14 | 8.1      | Bottom  | 3          | 1         | 29.61           | 8.32 | 28.22         | 78.80  | 5.14     | 6.50           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS5     | 15:14 | 8.1      | Bottom  | 3          | 2         | 29.53           | 8.28 | 28.20         | 75.40  | 4.97     | 6.50           | 7.0      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)6 | 15:28 | 1.0      | Surface | 1          | 1         | 31.54           | 8.55 | 19.52         | 156.20 | 10.31    | 2.40           | 5.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)6 | 15:28 | 1.0      | Surface | 1          | 2         | 31.54           | 8.54 | 19.68         | 155.30 | 10.25    | 2.30           | 5.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)6 | 15:28 | 2.1      | Bottom  | 3          | 1         | 31.57           | 8.56 | 19.95         | 148.40 | 9.91     | 2.30           | 5.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)6 | 15:28 | 2.1      | Bottom  | 3          | 2         | 31.55           | 8.55 | 20.07         | 147.80 | 9.89     | 2.30           | 6.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS7     | 15:43 | 1.0      | Surface | 1          | 1         | 31.66           | 8.47 | 20.13         | 152.10 | 10.07    | 4.50           | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS7     | 15:43 | 1.0      | Surface | 1          | 2         | 31.65           | 8.48 | 19.94         | 152.50 | 10.11    | 4.60           | 7.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS7     | 15:43 | 2.1      | Bottom  | 3          | 1         | 31.64           | 8.46 | 19.82         | 145.20 | 9.58     | 4.60           | 7.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS7     | 15:43 | 2.1      | Bottom  | 3          | 2         | 31.65           | 8.44 | 20.04         | 144.10 | 9.47     | 4.50           | 7.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS8     | 16:12 | 1.0      | Surface | 1          | 1         | 30.87           | 8.27 | 22.57         | 96.80  | 6.38     | 9.70           | 10.8     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS8     | 16:12 | 1.0      | Surface | 1          | 2         | 30.76           | 8.26 | 22.58         | 96.00  | 6.31     | 9.80           | 12.1     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS8     | 16:12 | 3.4      | Bottom  | 3          | 1         | 30.56           | 8.25 | 23.50         | 93.20  | 6.14     | 10.60          | 12.8     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS8     | 16:12 | 3.4      | Bottom  | 3          | 2         | 30.64           | 8.25 | 23.46         | 93.20  | 6.15     | 10.50          | 11.9     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)9 | 15:53 | 1.0      | Surface | 1          | 1         | 31.28           | 8.51 | 21.04         | 131.80 | 8.63     | 6.00           | 7.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)9 | 15:53 | 1.0      | Surface | 1          | 2         | 31.28           | 8.51 | 21.13         | 133.50 | 8.80     | 6.20           | 7.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)9 | 15:53 | 2.8      | Bottom  | 3          | 1         | 31.20           | 8.49 | 22.23         | 114.40 | 7.50     | 8.20           | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS(Mf)9 | 15:53 | 2.8      | Bottom  | 3          | 2         | 31.24           | 8.49 | 22.36         | 122.30 | 8.06     | 8.20           | 8.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS10(N) | 15:45 | 1.0      | Surface | 1          | 1         | 30.69           | 7.84 | 21.15         | 87.20  | 5.66     | 2.80           | 4.1      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS10(N) | 15:45 | 1.0      | Surface | 1          | 2         | 30.82           | 7.86 | 21.02         | 86.80  | 5.77     | 2.70           | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS10(N) | 15:45 | 5.3      | Middle  | 2          | 1         | 29.83           | 7.76 | 25.88         | 84.90  | 5.55     | 3.80           | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS10(N) | 15:45 | 5.3      | Middle  | 2          | 2         | 29.79           | 7.75 | 26.22         | 82.60  | 5.50     | 3.60           | 4.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS10(N) | 15:45 | 9.6      | Bottom  | 3          | 1         | 30.30           | 7.79 | 26.84         | 76.40  | 5.03     | 3.20           | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | IS10(N) | 15:44 | 9.6      | Bottom  | 3          | 2         | 29.70           | 7.74 | 27.21         | 77.50  | 5.13     | 3.40           | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR3(N)  | 15:01 | 1.0      | Surface | 1          | 1         | 31.48           | 8.57 | 18.54         | 125.20 | 8.35     | 5.50           | 8.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR3(N)  | 15:01 | 1.0      | Surface | 1          | 2         | 31.34           | 8.54 | 18.33         | 124.60 | 8.33     | 5.60           | 9.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR3(N)  | 15:01 | 2.2      | Bottom  | 3          | 1         | 31.22           | 8.54 | 18.93         | 115.30 | 7.75     | 5.50           | 8.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR3(N)  | 15:01 | 2.2      | Bottom  | 3          | 2         | 30.86           | 8.55 | 18.85         | 114.90 | 7.72     | 5.50           | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR4(N)  | 16:05 | 1.0      | Surface | 1          | 1         | 31.04           | 8.32 | 22.28         | 102.70 | 6.74     | 9.70           | 10.7     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR4(N)  | 16:06 | 1.0      | Surface | 1          | 2         | 30.86           | 8.26 | 22.76         | 101.10 | 6.65     | 9.70           | 10.5     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR4(N)  | 16:05 | 2.7      | Bottom  | 3          | 1         | 30.79           | 8.32 | 23.32         | 97.10  | 6.38     | 9.80           | 10.4     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR4(N)  | 16:05 | 2.7      | Bottom  | 3          | 2         | 30.63           | 8.26 | 23.64         | 94.60  | 6.22     | 9.90           | 11.5     |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR5(N)  | 15:34 | 1.0      | Surface | 1          | 1         | 30.51           | 7.81 | 21.42         | 85.40  | 5.59     | 2.70           | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR5(N)  | 15:34 | 1.0      | Surface | 1          | 2         | 30.81           | 7.85 | 21.12         | 88.80  | 5.90     | 2.80           | 3.7      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR5(N)  | 15:34 | 4.4      | Middle  | 2          | 1         | 29.93           | 7.75 | 25.16         | 82.40  | 5.49     | 3.50           | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR5(N)  | 15:34 | 4.4      | Middle  | 2          | 2         | 29.90           | 7.76 | 25.41         | 83.50  | 5.49     | 3.20           | 3.1      |

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 | 2017-09-29        | Mid-Flood | Fine              | SR5(N)    | 15:33 | 7.7      | Bottom  | 3          | 1         | 29.86           | 7.76 | 25.80         | 79.30 | 5.22     | 3.40           | 2.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR5(N)    | 15:34 | 7.7      | Bottom  | 3          | 2         | 30.02           | 7.77 | 26.05         | 77.50 | 5.10     | 3.30           | 3.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10A(N)  | 16:46 | 1.0      | Surface | 1          | 1         | 29.89           | 7.82 | 28.32         | 85.10 | 5.51     | 1.60           | 2.1      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10A(N)  | 16:47 | 1.0      | Surface | 1          | 2         | 29.93           | 7.83 | 27.61         | 84.60 | 5.46     | 1.50           | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10A(N)  | 16:47 | 7        | Middle  | 2          | 1         | 29.66           | 7.82 | 29.80         | 81.60 | 5.31     | 1.70           | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10A(N)  | 16:46 | 7        | Middle  | 2          | 2         | 29.71           | 7.79 | 29.68         | 82.70 | 5.33     | 1.60           | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10A(N)  | 16:46 | 12.9     | Bottom  | 3          | 1         | 29.68           | 7.77 | 29.80         | 78.90 | 5.09     | 1.60           | 3.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10A(N)  | 16:47 | 12.9     | Bottom  | 3          | 2         | 29.67           | 7.82 | 29.79         | 81.50 | 5.26     | 1.60           | 3.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10B(N2) | 16:59 | 1.0      | Surface | 1          | 1         | 29.96           | 7.85 | 27.67         | 87.50 | 5.68     | 1.50           | 1.1      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10B(N2) | 16:59 | 1.0      | Surface | 1          | 2         | 30.12           | 7.84 | 27.46         | 86.50 | 5.61     | 1.50           | 1.1      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10B(N2) | 16:59 | 3.8      | Middle  | 2          | 1         | 29.96           | 7.86 | 29.13         | 87.80 | 5.66     | 1.60           | 1.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10B(N2) | 16:59 | 3.8      | Middle  | 2          | 2         | 29.95           | 7.87 | 29.16         | 88.10 | 5.68     | 1.50           | 1.2      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10B(N2) | 16:59 | 6.6      | Bottom  | 3          | 1         | 29.95           | 7.86 | 29.16         | 87.20 | 5.62     | 2.10           | 1.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | SR10B(N2) | 16:59 | 6.6      | Bottom  | 3          | 2         | 29.93           | 7.84 | 29.19         | 86.10 | 5.55     | 2.00           | 1.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS2(A)    | 14:37 | 1.0      | Surface | 1          | 1         | 30.00           | 7.92 | 27.76         | 82.00 | 5.31     | 3.50           | 2.3      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS2(A)    | 14:36 | 1.0      | Surface | 1          | 2         | 30.01           | 7.90 | 26.66         | 82.50 | 5.39     | 3.40           | 3.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS2(A)    | 14:37 | 3.9      | Middle  | 2          | 1         | 29.44           | 7.90 | 29.67         | 79.40 | 5.16     | 3.90           | 2.8      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS2(A)    | 14:36 | 3.9      | Middle  | 2          | 2         | 29.43           | 7.90 | 29.80         | 79.30 | 5.14     | 3.90           | 4.0      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS2(A)    | 14:37 | 6.8      | Bottom  | 3          | 1         | 29.44           | 7.91 | 29.99         | 79.10 | 5.12     | 3.80           | 3.5      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS2(A)    | 14:36 | 6.8      | Bottom  | 3          | 2         | 29.45           | 7.89 | 29.96         | 77.20 | 5.02     | 3.90           | 2.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS(Mf)5   | 16:49 | 1.0      | Surface | 1          | 1         | 30.40           | 8.31 | 25.87         | 86.30 | 5.62     | 1.90           | 1.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS(Mf)5   | 16:48 | 1.0      | Surface | 1          | 2         | 30.36           | 8.32 | 25.76         | 85.90 | 5.55     | 1.90           | 1.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS(Mf)5   | 16:48 | 6.5      | Middle  | 2          | 1         | 29.69           | 8.29 | 29.82         | 80.50 | 5.16     | 2.00           | 1.9      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS(Mf)5   | 16:48 | 6.5      | Middle  | 2          | 2         | 29.76           | 8.29 | 29.67         | 85.10 | 5.47     | 2.00           | 1.6      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS(Mf)5   | 16:48 | 11.9     | Bottom  | 3          | 1         | 29.49           | 8.28 | 31.76         | 77.10 | 4.97     | 3.10           | 2.4      |
| HKLR    | HY/2011/03 | 2017-09-29        | Mid-Flood | Fine              | CS(Mf)5   | 16:47 | 11.9     | Bottom  | 3          | 2         | 29.49           | 8.29 | 31.70         | 79.70 | 5.14     | 3.00           | 2.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS5       | 0.46  | 1.00     | Surface | 1.00       | 1.00      | 29.85           | 8.40 | 24.21         | 96.9  | 6.43     | 4.2            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS5       | 0.46  | 1.00     | Surface | 1.00       | 2.00      | 29.87           | 8.40 | 24.18         | 97.9  | 6.49     | 4.2            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS5       | 0.46  | 4.10     | Middle  | 2.00       | 1.00      | 29.74           | 8.38 | 25.60         | 92.7  | 6.10     | 7.6            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS5       | 0.46  | 4.10     | Middle  | 2.00       | 2.00      | 29.76           | 8.37 | 24.90         | 93.0  | 6.12     | 7.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS5       | 0.46  | 7.20     | Bottom  | 3.00       | 1.00      | 29.73           | 8.38 | 26.01         | 91.4  | 6.03     | 7.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS5       | 0.46  | 7.20     | Bottom  | 3.00       | 2.00      | 29.73           | 8.36 | 25.98         | 92.1  | 6.10     | 7.3            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.46  | 1.00     | Surface | 1.00       | 1.00      | 29.95           | 8.46 | 24.99         | 105.1 | 6.93     | 7.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.46  | 1.00     | Surface | 1.00       | 2.00      | 30.13           | 8.47 | 24.83         | 106.9 | 7.03     | 7.8            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.46  | 2.00     | Bottom  | 3.00       | 1.00      | 29.94           | 8.48 | 24.92         | 104.5 | 6.89     | 7.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.46  | 2.00     | Bottom  | 3.00       | 2.00      | 29.91           | 8.44 | 25.49         | 103.8 | 6.83     | 7.8            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS7       | 0.45  | 1.00     | Surface | 1.00       | 1.00      | 30.02           | 8.54 | 24.61         | 123.1 | 8.13     | 2.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS7       | 0.45  | 1.00     | Surface | 1.00       | 2.00      | 30.04           | 8.55 | 24.47         | 122.7 | 8.07     | 2.4            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS7       | 0.45  | 2.10     | Bottom  | 3.00       | 1.00      | 29.97           | 8.55 | 24.50         | 114.5 | 7.57     | 2.5            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS7       | 0.45  | 2.10     | Bottom  | 3.00       | 2.00      | 30.04           | 8.55 | 25.17         | 119.8 | 7.91     | 2.5            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS8       | 0.43  | 1.00     | Surface | 1.00       | 1.00      | 29.90           | 8.46 | 24.69         | 114.9 | 7.60     | 11.5           | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS8       | 0.44  | 1.00     | Surface | 1.00       | 2.00      | 29.89           | 8.49 | 24.71         | 117.6 | 7.78     | 11.2           | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS8       | 0.43  | 3.00     | Bottom  | 3.00       | 1.00      | 29.91           | 8.44 | 24.84         | 106.8 | 7.06     | 11.1           | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS8       | 0.44  | 3.00     | Bottom  | 3.00       | 2.00      | 29.90           | 8.48 | 24.76         | 110.9 | 7.33     | 11.3           | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.45  | 1.00     | Surface | 1.00       | 1.00      | 30.03           | 8.52 | 24.71         | 122.0 | 8.04     | 4.7            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.45  | 1.00     | Surface | 1.00       | 2.00      | 30.01           | 8.53 | 24.77         | 120.4 | 7.94     | 4.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.45  | 2.80     | Bottom  | 3.00       | 1.00      | 29.98           | 8.52 | 25.01         | 117.2 | 7.73     | 4.8            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.45  | 2.80     | Bottom  | 3.00       | 2.00      | 29.93           | 8.47 | 25.14         | 111.7 | 7.36     | 4.8            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS10(N)   | 0.44  | 1.00     | Surface | 1.00       | 1.00      | 30.03           | 7.82 | 23.19         | 94.4  | 6.28     | 3.3            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS10(N)   | 0.44  | 1.00     | Surface | 1.00       | 2.00      | 29.99           | 7.80 | 23.20         | 94.2  | 6.27     | 3.1            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS10(N)   | 0.44  | 5.30     | Middle  | 2.00       | 1.00      | 29.70           | 7.81 | 25.39         | 89.2  | 5.89     | 4.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS10(N)   | 0.44  | 5.30     | Middle  | 2.00       | 2.00      | 29.69           | 7.84 | 25.48         | 89.0  | 5.88     | 4.8            | 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 | 2017-10-02        | Mid-Ebb   | Sunny             | IS10(N)   | 0.44 | 9.60     | Bottom  | 3.00       | 1.00      | 29.68           | 7.84 | 25.78         | 90.1  | 5.95     | 6.6            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | IS10(N)   | 0.44 | 9.60     | Bottom  | 3.00       | 2.00      | 29.68           | 7.81 | 25.88         | 90.2  | 5.95     | 6.3            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR3(N)    | 0.47 | 1.00     | Surface | 1.00       | 1.00      | 30.25           | 8.47 | 23.54         | 114.1 | 7.55     | 5.3            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR3(N)    | 0.47 | 1.00     | Surface | 1.00       | 2.00      | 30.25           | 8.46 | 23.55         | 115.1 | 7.61     | 5.4            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR3(N)    | 0.47 | 2.20     | Bottom  | 3.00       | 1.00      | 30.25           | 8.46 | 23.34         | 108.3 | 7.17     | 5.3            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR3(N)    | 0.47 | 2.20     | Bottom  | 3.00       | 2.00      | 30.25           | 8.47 | 23.57         | 113.4 | 7.50     | 5.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR4(N)    | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 29.95           | 8.33 | 24.10         | 97.9  | 6.48     | 4.2            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR4(N)    | 0.44 | 1.00     | Surface | 1.00       | 2.00      | 29.95           | 8.31 | 24.37         | 96.9  | 6.42     | 4.2            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR4(N)    | 0.44 | 2.60     | Bottom  | 3.00       | 1.00      | 29.95           | 8.32 | 24.41         | 95.8  | 6.34     | 4.2            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR4(N)    | 0.44 | 2.60     | Bottom  | 3.00       | 2.00      | 29.94           | 8.35 | 24.40         | 96.5  | 6.39     | 4.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR5(N)    | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 30.01           | 7.82 | 23.15         | 95.6  | 6.36     | 1.9            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR5(N)    | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 29.92           | 7.83 | 23.34         | 95.4  | 6.35     | 2.0            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR5(N)    | 0.45 | 4.30     | Middle  | 2.00       | 1.00      | 29.74           | 7.85 | 24.58         | 94.4  | 6.24     | 3.7            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR5(N)    | 0.45 | 4.30     | Middle  | 2.00       | 2.00      | 29.73           | 7.84 | 24.58         | 93.0  | 6.16     | 3.6            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR5(N)    | 0.45 | 7.60     | Bottom  | 3.00       | 1.00      | 29.74           | 7.83 | 24.98         | 92.5  | 6.14     | 4.5            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR5(N)    | 0.45 | 7.60     | Bottom  | 3.00       | 2.00      | 29.76           | 7.84 | 24.96         | 92.2  | 6.12     | 4.2            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.40 | 1.00     | Surface | 1.00       | 1.00      | 29.32           | 7.82 | 29.16         | 81.9  | 5.34     | 3.1            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.40 | 1.00     | Surface | 1.00       | 2.00      | 29.30           | 7.82 | 29.56         | 82.2  | 5.34     | 3.0            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.40 | 7.00     | Middle  | 2.00       | 1.00      | 29.29           | 7.83 | 29.68         | 81.2  | 5.28     | 3.4            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.40 | 7.00     | Middle  | 2.00       | 2.00      | 29.30           | 7.81 | 29.42         | 82.0  | 5.34     | 3.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.40 | 12.90    | Bottom  | 3.00       | 1.00      | 29.30           | 7.81 | 29.56         | 82.3  | 5.35     | 3.3            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.40 | 12.90    | Bottom  | 3.00       | 2.00      | 29.28           | 7.82 | 29.76         | 82.8  | 5.37     | 3.5            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 29.32           | 7.82 | 28.92         | 91.4  | 5.95     | 3.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 29.31           | 7.78 | 29.05         | 88.8  | 5.79     | 2.8            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.39 | 3.80     | Middle  | 2.00       | 1.00      | 29.32           | 7.81 | 29.03         | 85.7  | 5.58     | 2.9            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.39 | 3.80     | Middle  | 2.00       | 2.00      | 29.31           | 7.79 | 29.15         | 86.9  | 5.67     | 2.8            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.39 | 6.60     | Bottom  | 3.00       | 1.00      | 29.31           | 7.78 | 29.02         | 84.6  | 5.52     | 2.9            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.39 | 6.60     | Bottom  | 3.00       | 2.00      | 29.32           | 7.79 | 29.04         | 85.8  | 5.59     | 2.8            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 1.00     | Surface | 1.00       | 1.00      | 29.91           | 7.92 | 23.13         | 93.6  | 6.24     | 2.1            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 1.00     | Surface | 1.00       | 2.00      | 29.93           | 7.93 | 23.02         | 92.9  | 6.20     | 2.2            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 3.90     | Middle  | 2.00       | 1.00      | 29.62           | 7.94 | 25.13         | 91.6  | 6.07     | 2.4            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 3.90     | Middle  | 2.00       | 2.00      | 29.60           | 7.93 | 25.03         | 90.6  | 6.01     | 2.5            | 2.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 6.80     | Bottom  | 3.00       | 1.00      | 29.70           | 7.92 | 26.66         | 92.8  | 6.09     | 2.3            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 6.80     | Bottom  | 3.00       | 2.00      | 29.61           | 7.93 | 26.32         | 91.5  | 6.02     | 2.5            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.41 | 1.00     | Surface | 1.00       | 1.00      | 29.95           | 8.25 | 25.80         | 83.6  | 5.49     | 2.1            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.41 | 1.00     | Surface | 1.00       | 2.00      | 29.93           | 8.26 | 25.51         | 84.7  | 5.57     | 2.0            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.41 | 6.40     | Middle  | 2.00       | 1.00      | 29.59           | 8.18 | 29.33         | 82.8  | 5.32     | 4.5            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.41 | 6.40     | Middle  | 2.00       | 2.00      | 29.52           | 8.20 | 29.92         | 77.7  | 5.02     | 4.6            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.41 | 11.70    | Bottom  | 3.00       | 1.00      | 29.44           | 8.14 | 32.41         | 78.1  | 4.98     | 4.5            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.41 | 11.70    | Bottom  | 3.00       | 2.00      | 29.53           | 8.20 | 31.17         | 74.2  | 4.81     | 4.3            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS5       | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 30.60           | 8.51 | 23.72         | 121.5 | 7.98     | 5.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS5       | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 30.60           | 8.51 | 23.62         | 119.2 | 7.84     | 5.6            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS5       | 0.70 | 4.20     | Middle  | 2.00       | 1.00      | 30.38           | 8.47 | 23.97         | 113.5 | 7.48     | 5.6            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS5       | 0.70 | 4.20     | Middle  | 2.00       | 2.00      | 30.34           | 8.46 | 23.96         | 116.0 | 7.64     | 5.6            | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS5       | 0.70 | 7.30     | Bottom  | 3.00       | 1.00      | 30.07           | 8.45 | 24.89         | 105.8 | 6.97     | 5.6            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS5       | 0.70 | 7.30     | Bottom  | 3.00       | 2.00      | 30.00           | 8.44 | 24.79         | 102.5 | 6.76     | 5.6            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)6   | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 30.90           | 8.48 | 24.13         | 159.1 | 10.38    | 4.5            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)6   | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 30.90           | 8.47 | 24.05         | 156.0 | 10.18    | 4.4            | 11.4     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)6   | 0.70 | 2.10     | Bottom  | 3.00       | 1.00      | 30.86           | 8.48 | 24.26         | 147.8 | 9.65     | 4.4            | 18.9     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)6   | 0.70 | 2.10     | Bottom  | 3.00       | 2.00      | 30.85           | 8.46 | 24.32         | 136.5 | 8.91     | 4.5            | 20.4     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS7       | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 30.95           | 8.47 | 24.13         | 144.6 | 9.42     | 3.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS7       | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 30.96           | 8.48 | 24.13         | 145.5 | 9.48     | 3.8            | 7.3      |

## 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 | 2017-10-02        | Mid-Flood | Sunny             | IS7       | 0.71 | 2.10     | Bottom  | 3.00       | 1.00      | 30.82           | 8.47 | 24.56         | 128.9 | 8.41     | 5.1            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS7       | 0.71 | 2.10     | Bottom  | 3.00       | 2.00      | 30.77           | 8.46 | 24.46         | 128.5 | 8.39     | 5.2            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS8       | 0.73 | 1.00     | Surface | 1.00       | 1.00      | 30.47           | 8.47 | 24.24         | 119.0 | 7.79     | 7.4            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS8       | 0.73 | 1.00     | Surface | 1.00       | 2.00      | 30.47           | 8.47 | 24.23         | 119.7 | 7.86     | 7.3            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS8       | 0.73 | 2.80     | Bottom  | 3.00       | 1.00      | 30.38           | 8.45 | 25.08         | 118.1 | 7.76     | 10.3           | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS8       | 0.73 | 2.80     | Bottom  | 3.00       | 2.00      | 30.35           | 8.45 | 25.09         | 114.5 | 7.50     | 10.5           | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)9   | 0.72 | 1.00     | Surface | 1.00       | 1.00      | 30.56           | 8.55 | 24.06         | 127.6 | 8.33     | 7.1            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)9   | 0.72 | 1.00     | Surface | 1.00       | 2.00      | 30.54           | 8.56 | 24.13         | 128.4 | 8.43     | 6.9            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)9   | 0.72 | 2.70     | Bottom  | 3.00       | 1.00      | 30.51           | 8.55 | 25.21         | 119.7 | 7.86     | 8.2            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS(Mf)9   | 0.72 | 2.70     | Bottom  | 3.00       | 2.00      | 30.27           | 8.52 | 25.48         | 114.4 | 7.49     | 8.1            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS10(N)   | 0.72 | 1.00     | Surface | 1.00       | 1.00      | 30.56           | 7.90 | 22.30         | 106.8 | 7.07     | 3.2            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS10(N)   | 0.72 | 1.00     | Surface | 1.00       | 2.00      | 30.59           | 7.92 | 22.25         | 108.4 | 7.18     | 3.1            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS10(N)   | 0.72 | 5.40     | Middle  | 2.00       | 1.00      | 30.01           | 7.98 | 25.80         | 106.1 | 6.94     | 6.2            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS10(N)   | 0.72 | 5.40     | Middle  | 2.00       | 2.00      | 29.93           | 7.93 | 26.05         | 104.6 | 6.86     | 6.4            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS10(N)   | 0.72 | 9.80     | Bottom  | 3.00       | 1.00      | 29.89           | 7.91 | 26.54         | 103.2 | 6.77     | 7.3            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | IS10(N)   | 0.72 | 9.80     | Bottom  | 3.00       | 2.00      | 29.94           | 7.92 | 26.65         | 104.3 | 6.82     | 7.0            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR3(N)    | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 30.58           | 8.58 | 21.63         | 129.9 | 8.63     | 9.5            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR3(N)    | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 30.57           | 8.56 | 21.87         | 130.8 | 8.68     | 9.4            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR3(N)    | 0.69 | 2.20     | Bottom  | 3.00       | 1.00      | 30.57           | 8.57 | 21.76         | 128.6 | 8.55     | 9.5            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR3(N)    | 0.69 | 2.20     | Bottom  | 3.00       | 2.00      | 30.59           | 8.55 | 21.27         | 121.7 | 8.11     | 9.5            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR4(N)    | 0.72 | 1.00     | Surface | 1.00       | 1.00      | 30.72           | 8.46 | 23.68         | 118.7 | 7.78     | 6.4            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR4(N)    | 0.72 | 1.00     | Surface | 1.00       | 2.00      | 30.70           | 8.47 | 23.65         | 116.6 | 7.65     | 6.3            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR4(N)    | 0.72 | 2.60     | Bottom  | 3.00       | 1.00      | 30.70           | 8.47 | 23.78         | 114.8 | 7.53     | 6.5            | 15.8     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR4(N)    | 0.72 | 2.60     | Bottom  | 3.00       | 2.00      | 30.65           | 8.49 | 23.71         | 109.6 | 7.19     | 6.3            | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR5(N)    | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 30.59           | 7.86 | 22.34         | 110.5 | 7.32     | 1.8            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR5(N)    | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 30.60           | 7.88 | 22.36         | 109.6 | 7.26     | 1.8            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR5(N)    | 0.71 | 4.40     | Middle  | 2.00       | 1.00      | 30.35           | 7.90 | 23.97         | 115.6 | 7.61     | 2.7            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR5(N)    | 0.71 | 4.40     | Middle  | 2.00       | 2.00      | 30.27           | 7.94 | 24.46         | 111.9 | 7.36     | 2.8            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR5(N)    | 0.71 | 7.70     | Bottom  | 3.00       | 1.00      | 30.28           | 7.89 | 25.33         | 107.5 | 7.04     | 3.9            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR5(N)    | 0.71 | 7.70     | Bottom  | 3.00       | 2.00      | 30.17           | 7.96 | 25.23         | 112.2 | 7.36     | 3.7            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10A(N)  | 0.76 | 1.00     | Surface | 1.00       | 1.00      | 29.54           | 7.79 | 29.41         | 81.0  | 5.28     | 5.3            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10A(N)  | 0.76 | 1.00     | Surface | 1.00       | 2.00      | 29.54           | 7.82 | 29.45         | 83.7  | 5.41     | 5.0            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10A(N)  | 0.76 | 6.90     | Middle  | 2.00       | 1.00      | 29.32           | 7.73 | 30.61         | 79.9  | 5.23     | 6.6            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10A(N)  | 0.76 | 6.90     | Middle  | 2.00       | 2.00      | 29.34           | 7.80 | 30.43         | 80.3  | 5.24     | 6.7            | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10A(N)  | 0.76 | 12.70    | Bottom  | 3.00       | 1.00      | 29.35           | 7.79 | 30.50         | 77.5  | 5.06     | 6.1            | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10A(N)  | 0.76 | 12.70    | Bottom  | 3.00       | 2.00      | 29.32           | 7.75 | 30.64         | 77.6  | 5.07     | 6.3            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10B(N2) | 0.76 | 1.00     | Surface | 1.00       | 1.00      | 29.55           | 7.83 | 29.39         | 83.8  | 5.51     | 4.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10B(N2) | 0.77 | 1.00     | Surface | 1.00       | 2.00      | 29.54           | 7.84 | 29.44         | 82.7  | 5.43     | 4.9            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10B(N2) | 0.76 | 3.80     | Middle  | 2.00       | 1.00      | 29.41           | 7.82 | 30.04         | 78.8  | 5.16     | 6.6            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10B(N2) | 0.77 | 3.80     | Middle  | 2.00       | 2.00      | 29.41           | 7.82 | 30.05         | 78.0  | 5.08     | 6.2            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10B(N2) | 0.76 | 6.60     | Bottom  | 3.00       | 1.00      | 29.39           | 7.81 | 30.25         | 77.7  | 5.08     | 6.9            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | SR10B(N2) | 0.76 | 6.60     | Bottom  | 3.00       | 2.00      | 29.42           | 7.82 | 30.53         | 77.0  | 5.04     | 7.0            | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS2(A)    | 0.67 | 1.00     | Surface | 1.00       | 1.00      | 30.19           | 7.85 | 20.99         | 84.2  | 5.54     | 8.2            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS2(A)    | 0.67 | 1.00     | Surface | 1.00       | 2.00      | 30.13           | 7.84 | 20.97         | 85.0  | 5.59     | 8.1            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS2(A)    | 0.67 | 3.80     | Middle  | 2.00       | 1.00      | 29.88           | 7.85 | 24.87         | 83.5  | 5.61     | 8.3            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS2(A)    | 0.67 | 3.80     | Middle  | 2.00       | 2.00      | 29.88           | 7.85 | 24.70         | 84.0  | 5.65     | 8.2            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS2(A)    | 0.67 | 6.60     | Bottom  | 3.00       | 1.00      | 29.97           | 7.85 | 25.52         | 83.2  | 5.49     | 8.1            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS2(A)    | 0.67 | 6.60     | Bottom  | 3.00       | 2.00      | 29.77           | 7.83 | 25.80         | 83.9  | 5.55     | 8.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS(Mf)5   | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 29.93           | 8.34 | 26.75         | 86.4  | 5.64     | 2.9            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS(Mf)5   | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 29.88           | 8.32 | 27.15         | 82.7  | 5.40     | 2.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS(Mf)5   | 0.75 | 6.50     | Middle  | 2.00       | 1.00      | 29.54           | 8.30 | 29.38         | 77.4  | 5.01     | 7.8            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS(Mf)5   | 0.75 | 6.50     | Middle  | 2.00       | 2.00      | 29.54           | 8.28 | 29.58         | 78.8  | 5.10     | 7.8            | 6.9      |

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 | 2017-10-02        | Mid-Flood | Sunny             | CS(Mf)5   | 0.75 | 12.00    | Bottom  | 3.00       | 1.00      | 29.48           | 8.28 | 30.08         | 74.9  | 4.85     | 7.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-02        | Mid-Flood | Sunny             | CS(Mf)5   | 0.75 | 12.00    | Bottom  | 3.00       | 2.00      | 29.46           | 8.30 | 29.84         | 74.4  | 4.82     | 7.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 30.27           | 8.33 | 27.07         | 93.8  | 6.08     | 9.7            | 14.0     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 30.28           | 8.33 | 27.18         | 89.5  | 5.80     | 9.6            | 14.9     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 4.20     | Middle  | 2.00       | 1.00      | 30.22           | 8.33 | 27.31         | 88.0  | 5.70     | 9.5            | 15.4     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 4.20     | Middle  | 2.00       | 2.00      | 30.17           | 8.33 | 27.47         | 89.9  | 5.83     | 9.6            | 14.4     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 7.40     | Bottom  | 3.00       | 1.00      | 30.11           | 8.32 | 28.00         | 87.6  | 5.68     | 10.2           | 14.1     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 7.40     | Bottom  | 3.00       | 2.00      | 30.10           | 8.33 | 27.70         | 89.8  | 5.82     | 10.5           | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.51 | 1.00     | Surface | 1.00       | 1.00      | 30.44           | 8.34 | 26.08         | 98.7  | 6.43     | 12.5           | 13.6     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.51 | 1.00     | Surface | 1.00       | 2.00      | 30.40           | 8.33 | 26.23         | 94.5  | 6.15     | 12.2           | 12.8     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.51 | 2.30     | Bottom  | 3.00       | 1.00      | 30.39           | 8.34 | 26.22         | 93.4  | 6.07     | 13.9           | 14.3     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.51 | 2.30     | Bottom  | 3.00       | 2.00      | 30.37           | 8.35 | 25.94         | 95.3  | 6.20     | 13.8           | 12.8     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 1.00     | Surface | 1.00       | 1.00      | 30.23           | 8.32 | 26.51         | 93.3  | 6.08     | 11.5           | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 1.00     | Surface | 1.00       | 2.00      | 30.25           | 8.32 | 26.38         | 95.0  | 6.19     | 11.5           | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 2.10     | Bottom  | 3.00       | 1.00      | 30.26           | 8.33 | 26.44         | 92.5  | 6.02     | 11.6           | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 2.10     | Bottom  | 3.00       | 2.00      | 30.16           | 8.32 | 26.47         | 92.6  | 6.03     | 11.5           | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 30.27           | 8.34 | 26.10         | 96.8  | 6.31     | 6.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 30.27           | 8.34 | 26.23         | 96.9  | 6.32     | 6.1            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 3.00     | Bottom  | 3.00       | 1.00      | 30.25           | 8.33 | 26.39         | 97.0  | 6.32     | 6.6            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 3.00     | Bottom  | 3.00       | 2.00      | 30.25           | 8.34 | 26.29         | 96.9  | 6.31     | 6.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 30.37           | 8.38 | 26.35         | 104.3 | 6.78     | 5.7            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 1.00     | Surface | 1.00       | 2.00      | 30.36           | 8.37 | 26.25         | 103.9 | 6.76     | 5.7            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 2.60     | Bottom  | 3.00       | 1.00      | 30.34           | 8.36 | 26.15         | 103.5 | 6.74     | 5.7            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 2.60     | Bottom  | 3.00       | 2.00      | 30.36           | 8.38 | 26.32         | 104.3 | 6.78     | 5.8            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS10(N)   | 0.51 | 1.00     | Surface | 1.00       | 1.00      | 30.15           | 7.74 | 25.33         | 92.9  | 6.09     | 3.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS10(N)   | 0.51 | 1.00     | Surface | 1.00       | 2.00      | 30.13           | 7.71 | 25.38         | 91.6  | 6.07     | 3.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS10(N)   | 0.51 | 5.40     | Middle  | 2.00       | 1.00      | 30.10           | 7.70 | 25.51         | 90.3  | 5.92     | 3.3            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS10(N)   | 0.51 | 5.40     | Middle  | 2.00       | 2.00      | 30.14           | 7.74 | 25.36         | 91.1  | 5.98     | 3.3            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS10(N)   | 0.51 | 9.70     | Bottom  | 3.00       | 1.00      | 30.14           | 7.73 | 25.45         | 89.4  | 5.87     | 3.5            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | IS10(N)   | 0.51 | 9.70     | Bottom  | 3.00       | 2.00      | 30.07           | 7.72 | 25.63         | 89.3  | 5.86     | 3.4            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR3(N)    | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 30.39           | 8.33 | 26.59         | 94.8  | 6.16     | 8.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR3(N)    | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 30.38           | 8.33 | 26.53         | 91.0  | 5.90     | 8.3            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR3(N)    | 0.52 | 2.40     | Bottom  | 3.00       | 1.00      | 30.29           | 8.33 | 27.09         | 89.9  | 5.84     | 9.5            | 14.0     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR3(N)    | 0.52 | 2.40     | Bottom  | 3.00       | 2.00      | 30.20           | 8.34 | 27.10         | 92.0  | 5.97     | 9.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 30.28           | 8.29 | 25.45         | 97.3  | 6.37     | 6.5            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 30.27           | 8.28 | 25.60         | 92.0  | 6.01     | 6.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 2.60     | Bottom  | 3.00       | 1.00      | 30.26           | 8.30 | 25.37         | 94.4  | 6.17     | 6.6            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 2.60     | Bottom  | 3.00       | 2.00      | 30.25           | 8.28 | 25.62         | 91.4  | 5.98     | 6.5            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 30.10           | 7.76 | 25.47         | 87.3  | 5.72     | 3.8            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 30.11           | 7.75 | 25.45         | 86.9  | 5.70     | 3.7            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 4.30     | Middle  | 2.00       | 1.00      | 30.08           | 7.77 | 25.70         | 86.7  | 5.65     | 4.0            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 4.30     | Middle  | 2.00       | 2.00      | 30.12           | 7.75 | 25.43         | 86.3  | 5.66     | 4.1            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 7.50     | Bottom  | 3.00       | 1.00      | 30.10           | 7.75 | 25.91         | 85.2  | 5.59     | 4.3            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 7.50     | Bottom  | 3.00       | 2.00      | 30.08           | 7.76 | 26.85         | 84.9  | 5.56     | 4.4            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.46 | 1.00     | Surface | 1.00       | 1.00      | 29.61           | 7.58 | 29.60         | 79.6  | 5.14     | 2.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.46 | 1.00     | Surface | 1.00       | 2.00      | 29.57           | 7.61 | 29.41         | 79.4  | 5.13     | 2.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.46 | 6.80     | Middle  | 2.00       | 1.00      | 29.51           | 7.55 | 30.46         | 78.3  | 5.04     | 2.9            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.46 | 6.80     | Middle  | 2.00       | 2.00      | 29.50           | 7.59 | 30.49         | 78.2  | 5.06     | 2.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.46 | 12.50    | Bottom  | 3.00       | 1.00      | 29.55           | 7.59 | 30.33         | 76.5  | 4.93     | 3.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.46 | 12.50    | Bottom  | 3.00       | 2.00      | 29.50           | 7.54 | 30.50         | 76.4  | 4.94     | 3.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 29.60           | 7.57 | 30.04         | 80.5  | 5.26     | 5.3            | 7.6      |

## 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 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 29.59           | 7.54 | 30.06         | 82.3  | 5.31     | 5.2            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.45 | 5.40     | Middle  | 2.00       | 1.00      | 29.58           | 7.58 | 30.12         | 79.5  | 5.13     | 5.6            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.45 | 5.40     | Middle  | 2.00       | 2.00      | 29.56           | 7.53 | 30.23         | 77.5  | 5.00     | 5.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.45 | 9.80     | Bottom  | 3.00       | 1.00      | 29.56           | 7.50 | 30.21         | 76.1  | 4.91     | 5.8            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.45 | 9.80     | Bottom  | 3.00       | 2.00      | 29.58           | 7.57 | 30.12         | 76.6  | 4.94     | 5.7            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 1.00     | Surface | 1.00       | 1.00      | 30.01           | 7.70 | 27.34         | 85.4  | 5.56     | 7.2            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 1.00     | Surface | 1.00       | 2.00      | 30.03           | 7.81 | 27.21         | 85.7  | 5.58     | 7.1            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 4.00     | Middle  | 2.00       | 1.00      | 29.91           | 7.77 | 28.04         | 85.1  | 5.53     | 7.4            | 13.6     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 4.00     | Middle  | 2.00       | 2.00      | 29.98           | 7.69 | 27.61         | 84.8  | 5.49     | 7.6            | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 6.90     | Bottom  | 3.00       | 1.00      | 29.94           | 7.71 | 28.32         | 83.7  | 5.43     | 7.8            | 16.8     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 6.90     | Bottom  | 3.00       | 2.00      | 29.88           | 7.73 | 29.52         | 84.6  | 5.45     | 7.7            | 15.8     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.47 | 1.00     | Surface | 1.00       | 1.00      | 30.22           | 8.26 | 26.92         | 82.0  | 5.33     | 3.4            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.47 | 1.00     | Surface | 1.00       | 2.00      | 30.21           | 8.25 | 26.89         | 80.6  | 5.24     | 3.4            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.47 | 6.30     | Middle  | 2.00       | 1.00      | 29.77           | 8.22 | 30.52         | 79.1  | 5.05     | 6.7            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.47 | 6.30     | Middle  | 2.00       | 2.00      | 29.75           | 8.21 | 30.37         | 78.7  | 5.03     | 6.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.46 | 11.60    | Bottom  | 3.00       | 1.00      | 29.62           | 8.21 | 31.47         | 74.6  | 4.77     | 6.8            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.47 | 11.60    | Bottom  | 3.00       | 2.00      | 29.68           | 8.20 | 31.46         | 74.4  | 4.78     | 6.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS5       | 0.73 | 1.00     | Surface | 1.00       | 1.00      | 30.35           | 8.37 | 26.13         | 98.2  | 6.39     | 9.7            | 12.9     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS5       | 0.73 | 1.00     | Surface | 1.00       | 2.00      | 30.35           | 8.38 | 26.05         | 99.1  | 6.45     | 9.5            | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS5       | 0.73 | 4.30     | Middle  | 2.00       | 1.00      | 30.36           | 8.37 | 26.19         | 98.1  | 6.38     | 9.6            | 17.1     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS5       | 0.73 | 4.30     | Middle  | 2.00       | 2.00      | 30.35           | 8.38 | 26.06         | 98.6  | 6.42     | 9.6            | 16.8     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS5       | 0.73 | 7.50     | Bottom  | 3.00       | 1.00      | 30.36           | 8.37 | 26.16         | 98.0  | 6.38     | 9.8            | 18.0     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS5       | 0.73 | 7.50     | Bottom  | 3.00       | 2.00      | 30.34           | 8.38 | 26.06         | 98.3  | 6.40     | 9.5            | 16.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 1.00     | Surface | 1.00       | 1.00      | 30.31           | 8.35 | 26.20         | 95.4  | 6.21     | 12.5           | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 1.00     | Surface | 1.00       | 2.00      | 30.31           | 8.35 | 26.15         | 98.8  | 6.44     | 12.7           | 15.1     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 2.30     | Bottom  | 3.00       | 1.00      | 30.30           | 8.34 | 26.24         | 95.0  | 6.19     | 12.7           | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 2.30     | Bottom  | 3.00       | 2.00      | 30.29           | 8.35 | 26.17         | 96.7  | 6.30     | 12.5           | 14.7     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS7       | 0.74 | 1.00     | Surface | 1.00       | 1.00      | 30.28           | 8.38 | 26.12         | 98.3  | 6.41     | 12.4           | 14.6     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS7       | 0.74 | 1.00     | Surface | 1.00       | 2.00      | 30.29           | 8.37 | 26.06         | 98.9  | 6.45     | 12.1           | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS7       | 0.74 | 2.50     | Bottom  | 3.00       | 1.00      | 30.28           | 8.37 | 26.10         | 98.2  | 6.40     | 12.3           | 17.5     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS7       | 0.74 | 2.50     | Bottom  | 3.00       | 2.00      | 30.28           | 8.37 | 26.02         | 98.4  | 6.42     | 12.4           | 16.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS8       | 0.76 | 1.00     | Surface | 1.00       | 1.00      | 30.17           | 8.31 | 25.94         | 91.0  | 5.94     | 8.2            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS8       | 0.76 | 1.00     | Surface | 1.00       | 2.00      | 30.15           | 8.31 | 25.79         | 97.7  | 6.38     | 8.0            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS8       | 0.76 | 3.10     | Bottom  | 3.00       | 1.00      | 30.14           | 8.31 | 26.28         | 89.7  | 5.86     | 8.2            | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS8       | 0.76 | 3.10     | Bottom  | 3.00       | 2.00      | 30.09           | 8.32 | 26.22         | 93.1  | 6.09     | 8.4            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)9   | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 30.12           | 8.35 | 26.38         | 94.7  | 6.18     | 15.6           | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)9   | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 30.12           | 8.35 | 26.29         | 97.1  | 6.35     | 15.3           | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)9   | 0.75 | 2.70     | Bottom  | 3.00       | 1.00      | 30.12           | 8.35 | 26.39         | 94.1  | 6.14     | 15.6           | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS(Mf)9   | 0.75 | 2.70     | Bottom  | 3.00       | 2.00      | 30.11           | 8.35 | 26.17         | 96.1  | 6.27     | 15.5           | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 29.99           | 7.79 | 26.20         | 88.9  | 5.82     | 5.1            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 29.99           | 7.78 | 26.25         | 89.0  | 5.82     | 5.2            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 5.50     | Middle  | 2.00       | 1.00      | 30.00           | 7.78 | 26.35         | 88.1  | 5.77     | 5.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 5.50     | Middle  | 2.00       | 2.00      | 29.99           | 7.77 | 26.32         | 88.5  | 5.79     | 5.3            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 9.90     | Bottom  | 3.00       | 1.00      | 30.00           | 7.78 | 26.39         | 87.6  | 5.73     | 5.6            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 9.90     | Bottom  | 3.00       | 2.00      | 30.00           | 7.79 | 26.34         | 87.8  | 5.74     | 5.7            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR3(N)    | 0.72 | 1.00     | Surface | 1.00       | 1.00      | 30.39           | 8.38 | 25.30         | 97.0  | 6.35     | 13.6           | 21.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR3(N)    | 0.72 | 1.00     | Surface | 1.00       | 2.00      | 30.40           | 8.40 | 25.01         | 100.7 | 6.61     | 13.5           | 20.6     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR3(N)    | 0.72 | 2.50     | Bottom  | 3.00       | 1.00      | 30.40           | 8.39 | 25.17         | 96.6  | 6.31     | 13.6           | 21.0     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR3(N)    | 0.72 | 2.50     | Bottom  | 3.00       | 2.00      | 30.38           | 8.47 | 24.49         | 97.6  | 6.39     | 13.4           | 22.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR4(N)    | 0.76 | 1.00     | Surface | 1.00       | 1.00      | 30.13           | 8.32 | 26.03         | 92.1  | 6.01     | 5.2            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR4(N)    | 0.76 | 1.00     | Surface | 1.00       | 2.00      | 30.13           | 8.31 | 26.10         | 88.9  | 5.80     | 5.3            | 8.1      |



## 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 | 2017-10-04        | Mid-Flood | Sunny             | SR4(N)    | 0.76 | 2.70     | Bottom  | 3.00       | 1.00      | 30.14           | 8.31 | 26.36         | 88.2  | 5.76     | 5.9            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR4(N)    | 0.76 | 2.70     | Bottom  | 3.00       | 2.00      | 30.13           | 8.31 | 26.30         | 89.3  | 5.84     | 5.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 1.00     | Surface | 1.00       | 1.00      | 29.97           | 7.70 | 26.09         | 87.7  | 5.75     | 4.9            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 1.00     | Surface | 1.00       | 2.00      | 29.99           | 7.74 | 26.15         | 89.6  | 5.86     | 4.8            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 4.30     | Middle  | 2.00       | 1.00      | 29.97           | 7.69 | 26.14         | 87.4  | 5.73     | 5.4            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 4.30     | Middle  | 2.00       | 2.00      | 29.99           | 7.75 | 26.20         | 87.7  | 5.74     | 5.5            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 7.60     | Bottom  | 3.00       | 1.00      | 30.00           | 7.72 | 26.47         | 87.3  | 5.71     | 5.9            | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 7.60     | Bottom  | 3.00       | 2.00      | 29.99           | 7.68 | 26.39         | 86.9  | 5.68     | 5.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 1.00     | Surface | 1.00       | 1.00      | 29.65           | 7.68 | 28.68         | 80.1  | 5.19     | 3.3            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 1.00     | Surface | 1.00       | 2.00      | 29.65           | 7.65 | 28.86         | 80.3  | 5.21     | 3.2            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 14.40    | Middle  | 2.00       | 1.00      | 29.60           | 7.67 | 28.97         | 78.3  | 5.06     | 3.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 14.40    | Middle  | 2.00       | 2.00      | 29.60           | 7.62 | 29.31         | 78.5  | 5.07     | 3.4            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 27.80    | Bottom  | 3.00       | 1.00      | 29.48           | 7.63 | 29.92         | 76.6  | 4.97     | 3.7            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 27.80    | Bottom  | 3.00       | 2.00      | 29.61           | 7.66 | 29.84         | 77.1  | 5.00     | 3.8            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10B(N2) | 0.79 | 1.00     | Surface | 1.00       | 1.00      | 29.57           | 7.71 | 29.80         | 76.1  | 5.07     | 4.1            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10B(N2) | 0.79 | 1.00     | Surface | 1.00       | 2.00      | 29.61           | 7.70 | 28.86         | 76.2  | 5.09     | 4.2            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10B(N2) | 0.79 | 5.40     | Middle  | 2.00       | 1.00      | 29.56           | 7.71 | 29.94         | 75.4  | 5.03     | 4.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10B(N2) | 0.79 | 5.40     | Middle  | 2.00       | 2.00      | 29.57           | 7.69 | 29.75         | 75.6  | 5.02     | 4.4            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10B(N2) | 0.79 | 9.80     | Bottom  | 3.00       | 1.00      | 29.56           | 7.68 | 29.98         | 75.2  | 4.86     | 4.9            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | SR10B(N2) | 0.79 | 9.80     | Bottom  | 3.00       | 2.00      | 29.59           | 7.70 | 29.93         | 74.6  | 4.84     | 4.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS2(A)    | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 30.11           | 7.72 | 24.78         | 84.0  | 5.50     | 8.1            | 12.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS2(A)    | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 30.11           | 7.70 | 25.30         | 85.0  | 5.57     | 7.9            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS2(A)    | 0.70 | 4.10     | Middle  | 2.00       | 1.00      | 30.08           | 7.67 | 25.70         | 83.5  | 5.50     | 8.2            | 12.5     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS2(A)    | 0.70 | 4.10     | Middle  | 2.00       | 2.00      | 30.07           | 7.73 | 25.78         | 83.7  | 5.50     | 8.3            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS2(A)    | 0.70 | 7.10     | Bottom  | 3.00       | 1.00      | 30.07           | 7.74 | 25.82         | 83.3  | 5.46     | 8.6            | 12.2     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS2(A)    | 0.70 | 7.10     | Bottom  | 3.00       | 2.00      | 30.07           | 7.66 | 25.81         | 82.8  | 5.43     | 8.5            | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS(Mf)5   | 0.78 | 1.00     | Surface | 1.00       | 1.00      | 29.95           | 8.29 | 26.97         | 78.8  | 5.09     | 3.5            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS(Mf)5   | 0.78 | 1.00     | Surface | 1.00       | 2.00      | 30.02           | 8.29 | 27.16         | 79.4  | 5.13     | 3.4            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS(Mf)5   | 0.78 | 6.40     | Middle  | 2.00       | 1.00      | 29.71           | 8.27 | 29.52         | 77.9  | 5.07     | 3.7            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS(Mf)5   | 0.78 | 6.40     | Middle  | 2.00       | 2.00      | 29.68           | 8.27 | 29.43         | 78.0  | 5.01     | 3.6            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS(Mf)5   | 0.78 | 11.80    | Bottom  | 3.00       | 1.00      | 29.70           | 8.27 | 29.83         | 75.6  | 4.87     | 3.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-04        | Mid-Flood | Sunny             | CS(Mf)5   | 0.78 | 11.80    | Bottom  | 3.00       | 2.00      | 29.64           | 8.27 | 29.61         | 73.8  | 4.77     | 3.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS5       | 0.51 | 1.00     | Surface | 1.00       | 1.00      | 29.85           | 8.27 | 25.69         | 87.4  | 5.75     | 9.8            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS5       | 0.51 | 1.00     | Surface | 1.00       | 2.00      | 29.81           | 8.26 | 26.15         | 86.1  | 5.65     | 10.3           | 11.4     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS5       | 0.51 | 4.40     | Middle  | 2.00       | 1.00      | 29.78           | 8.27 | 25.84         | 87.9  | 5.79     | 11.7           | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS5       | 0.51 | 4.40     | Middle  | 2.00       | 2.00      | 29.75           | 8.26 | 26.46         | 86.1  | 5.65     | 11.9           | 12.2     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS5       | 0.51 | 7.80     | Bottom  | 3.00       | 1.00      | 29.75           | 8.26 | 26.40         | 86.5  | 5.68     | 11.7           | 12.0     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS5       | 0.51 | 7.80     | Bottom  | 3.00       | 2.00      | 29.74           | 8.29 | 25.80         | 89.9  | 5.92     | 11.5           | 13.3     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 30.03           | 8.26 | 26.26         | 92.3  | 6.06     | 6.5            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 30.04           | 8.27 | 26.15         | 90.1  | 5.89     | 6.0            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.52 | 2.30     | Bottom  | 3.00       | 1.00      | 29.93           | 8.26 | 26.32         | 88.4  | 5.79     | 6.8            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.51 | 2.30     | Bottom  | 3.00       | 2.00      | 29.88           | 8.28 | 26.21         | 87.7  | 5.74     | 7.3            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS7       | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 30.19           | 8.27 | 26.14         | 92.3  | 6.02     | 3.7            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS7       | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 30.17           | 8.27 | 25.93         | 93.4  | 6.11     | 3.8            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS7       | 0.52 | 2.40     | Bottom  | 3.00       | 1.00      | 30.16           | 8.27 | 26.04         | 92.8  | 6.06     | 3.7            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS7       | 0.52 | 2.40     | Bottom  | 3.00       | 2.00      | 30.10           | 8.28 | 25.84         | 94.2  | 6.17     | 3.8            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS8       | 0.54 | 1.00     | Surface | 1.00       | 1.00      | 30.11           | 8.24 | 26.78         | 85.4  | 5.57     | 6.7            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS8       | 0.54 | 1.00     | Surface | 1.00       | 2.00      | 30.14           | 8.24 | 26.85         | 86.2  | 5.61     | 6.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS8       | 0.54 | 2.90     | Bottom  | 3.00       | 1.00      | 29.77           | 8.23 | 27.01         | 84.2  | 5.51     | 7.0            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS8       | 0.54 | 2.90     | Bottom  | 3.00       | 2.00      | 29.92           | 8.23 | 26.98         | 85.4  | 5.58     | 7.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.53 | 1.00     | Surface | 1.00       | 1.00      | 30.07           | 8.26 | 26.65         | 95.0  | 6.22     | 4.4            | 7.1      |

## 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 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.53 | 1.00     | Surface | 1.00       | 2.00      | 29.96           | 8.27 | 26.55         | 93.3  | 6.10     | 4.2            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.53 | 2.80     | Bottom  | 3.00       | 1.00      | 29.93           | 8.26 | 26.60         | 91.5  | 5.98     | 3.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.53 | 2.80     | Bottom  | 3.00       | 2.00      | 29.84           | 8.27 | 26.50         | 90.3  | 5.89     | 4.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS10(N)   | 0.53 | 1.00     | Surface | 1.00       | 1.00      | 29.72           | 7.81 | 28.58         | 82.0  | 5.32     | 7.2            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS10(N)   | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 29.72           | 7.82 | 28.59         | 81.8  | 5.31     | 7.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS10(N)   | 0.53 | 5.40     | Middle  | 2.00       | 1.00      | 29.66           | 7.81 | 28.68         | 81.5  | 5.29     | 7.5            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS10(N)   | 0.52 | 5.40     | Middle  | 2.00       | 2.00      | 29.68           | 7.81 | 28.65         | 81.6  | 5.29     | 7.4            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS10(N)   | 0.52 | 9.80     | Bottom  | 3.00       | 1.00      | 29.62           | 7.81 | 28.89         | 81.0  | 5.26     | 7.7            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | IS10(N)   | 0.52 | 9.80     | Bottom  | 3.00       | 2.00      | 29.66           | 7.81 | 28.80         | 80.7  | 5.24     | 7.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR3(N)    | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 29.82           | 8.29 | 23.52         | 84.9  | 5.66     | 12.2           | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR3(N)    | 0.50 | 1.00     | Surface | 1.00       | 2.00      | 29.82           | 8.28 | 23.24         | 85.8  | 5.72     | 12.5           | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR3(N)    | 0.50 | 2.90     | Bottom  | 3.00       | 1.00      | 29.80           | 8.29 | 23.54         | 85.3  | 5.68     | 13.5           | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR3(N)    | 0.50 | 2.90     | Bottom  | 3.00       | 2.00      | 29.82           | 8.30 | 23.19         | 86.7  | 5.78     | 13.1           | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR4(N)    | 0.54 | 1.00     | Surface | 1.00       | 1.00      | 30.11           | 8.25 | 26.27         | 88.9  | 5.80     | 5.7            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR4(N)    | 0.54 | 1.00     | Surface | 1.00       | 2.00      | 30.07           | 8.24 | 26.50         | 87.2  | 5.69     | 5.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR4(N)    | 0.53 | 2.70     | Bottom  | 3.00       | 1.00      | 29.94           | 8.26 | 26.21         | 89.9  | 5.89     | 6.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR4(N)    | 0.54 | 2.70     | Bottom  | 3.00       | 2.00      | 29.92           | 8.24 | 26.54         | 87.7  | 5.74     | 6.6            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 29.72           | 7.81 | 28.61         | 84.1  | 5.45     | 8.3            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 29.70           | 7.76 | 28.63         | 84.4  | 5.48     | 8.2            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 4.30     | Middle  | 2.00       | 1.00      | 29.64           | 7.74 | 28.74         | 83.1  | 5.40     | 8.5            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 4.30     | Middle  | 2.00       | 2.00      | 29.62           | 7.79 | 28.84         | 82.8  | 5.37     | 8.6            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 7.50     | Bottom  | 3.00       | 1.00      | 29.66           | 7.78 | 28.79         | 81.7  | 5.30     | 8.9            | 11.4     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR5(N)    | 0.52 | 7.50     | Bottom  | 3.00       | 2.00      | 29.60           | 7.74 | 28.92         | 81.5  | 5.29     | 9.0            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.55 | 1.00     | Surface | 1.00       | 1.00      | 29.73           | 7.82 | 29.41         | 82.6  | 5.36     | 3.2            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.55 | 1.00     | Surface | 1.00       | 2.00      | 29.78           | 7.79 | 29.24         | 82.3  | 5.32     | 3.0            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.55 | 7.00     | Middle  | 2.00       | 1.00      | 29.67           | 7.78 | 29.70         | 81.9  | 5.28     | 3.1            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.55 | 7.00     | Middle  | 2.00       | 2.00      | 29.66           | 7.80 | 29.71         | 81.9  | 5.29     | 3.4            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.55 | 13.00    | Bottom  | 3.00       | 1.00      | 29.67           | 7.79 | 29.91         | 79.6  | 5.14     | 3.4            | 8.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.55 | 13.00    | Bottom  | 3.00       | 2.00      | 29.62           | 7.79 | 29.89         | 79.6  | 5.14     | 3.4            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.56 | 1.00     | Surface | 1.00       | 1.00      | 29.66           | 7.82 | 29.81         | 78.7  | 5.07     | 4.1            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.56 | 1.00     | Surface | 1.00       | 2.00      | 29.66           | 7.80 | 29.80         | 78.3  | 5.05     | 4.0            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.56 | 4.10     | Middle  | 2.00       | 1.00      | 29.66           | 7.81 | 29.80         | 78.1  | 5.04     | 4.2            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.56 | 4.10     | Middle  | 2.00       | 2.00      | 29.62           | 7.79 | 29.99         | 78.2  | 5.04     | 4.2            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.56 | 7.20     | Bottom  | 3.00       | 1.00      | 29.59           | 7.79 | 30.10         | 77.8  | 5.02     | 4.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.56 | 7.20     | Bottom  | 3.00       | 2.00      | 29.67           | 7.81 | 29.83         | 78.0  | 5.03     | 4.4            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 1.00     | Surface | 1.00       | 1.00      | 29.67           | 7.80 | 31.49         | 90.8  | 5.81     | 5.2            | 8.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 1.00     | Surface | 1.00       | 2.00      | 29.59           | 7.76 | 31.32         | 90.4  | 5.78     | 5.1            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 4.00     | Middle  | 2.00       | 1.00      | 29.56           | 7.79 | 31.77         | 90.0  | 5.73     | 5.5            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 4.00     | Middle  | 2.00       | 2.00      | 29.50           | 7.75 | 32.56         | 90.1  | 5.73     | 5.4            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 7.00     | Bottom  | 3.00       | 1.00      | 29.50           | 7.70 | 32.61         | 89.2  | 5.70     | 5.6            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS2(A)    | 0.48 | 7.00     | Bottom  | 3.00       | 2.00      | 29.54           | 7.77 | 32.77         | 89.8  | 5.75     | 5.7            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.56 | 1.00     | Surface | 1.00       | 1.00      | 30.13           | 8.25 | 26.58         | 84.7  | 5.55     | 5.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.56 | 1.00     | Surface | 1.00       | 2.00      | 30.06           | 8.27 | 26.02         | 82.2  | 5.35     | 5.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.56 | 6.30     | Middle  | 2.00       | 1.00      | 29.75           | 8.24 | 27.69         | 80.1  | 5.22     | 5.2            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.56 | 6.30     | Middle  | 2.00       | 2.00      | 29.74           | 8.28 | 27.03         | 80.8  | 5.29     | 5.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.56 | 11.60    | Bottom  | 3.00       | 1.00      | 29.80           | 8.25 | 27.51         | 77.7  | 5.07     | 5.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.56 | 11.60    | Bottom  | 3.00       | 2.00      | 29.74           | 8.30 | 26.69         | 80.8  | 5.29     | 5.3            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS5       | 0.31 | 1.00     | Surface | 1.00       | 1.00      | 29.63           | 8.28 | 26.42         | 90.2  | 5.93     | 7.1            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS5       | 0.31 | 1.00     | Surface | 1.00       | 2.00      | 29.59           | 8.27 | 26.33         | 85.5  | 5.63     | 6.7            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS5       | 0.31 | 4.40     | Middle  | 2.00       | 1.00      | 29.69           | 8.28 | 26.62         | 86.9  | 5.71     | 7.3            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS5       | 0.31 | 4.40     | Middle  | 2.00       | 2.00      | 29.67           | 8.28 | 26.50         | 84.7  | 5.57     | 7.4            | 9.3      |

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 | 2017-10-06        | Mid-Flood | Sunny             | IS5       | 0.31 | 7.70     | Bottom  | 3.00       | 1.00      | 29.66           | 8.28 | 26.46         | 84.1  | 5.53     | 7.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS5       | 0.31 | 7.70     | Bottom  | 3.00       | 2.00      | 29.67           | 8.27 | 26.58         | 84.3  | 5.53     | 7.4            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)6   | 0.30 | 1.00     | Surface | 1.00       | 1.00      | 29.53           | 8.27 | 26.37         | 91.0  | 6.00     | 6.1            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)6   | 0.30 | 1.00     | Surface | 1.00       | 2.00      | 29.51           | 8.27 | 26.29         | 89.0  | 5.87     | 5.9            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)6   | 0.30 | 2.20     | Bottom  | 3.00       | 1.00      | 29.53           | 8.27 | 26.39         | 88.2  | 5.81     | 6.1            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)6   | 0.30 | 2.20     | Bottom  | 3.00       | 2.00      | 29.53           | 8.27 | 26.31         | 87.4  | 5.76     | 6.1            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS7       | 0.30 | 1.00     | Surface | 1.00       | 1.00      | 29.62           | 8.26 | 26.24         | 88.8  | 5.84     | 7.2            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS7       | 0.30 | 1.00     | Surface | 1.00       | 2.00      | 29.61           | 8.26 | 26.20         | 86.7  | 5.71     | 7.3            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS7       | 0.30 | 2.30     | Bottom  | 3.00       | 1.00      | 29.63           | 8.27 | 26.50         | 84.5  | 5.57     | 7.8            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS7       | 0.30 | 2.30     | Bottom  | 3.00       | 2.00      | 29.64           | 8.26 | 26.50         | 85.3  | 5.61     | 7.7            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS8       | 0.28 | 1.00     | Surface | 1.00       | 1.00      | 29.63           | 8.22 | 26.81         | 82.7  | 5.43     | 9.8            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS8       | 0.28 | 1.00     | Surface | 1.00       | 2.00      | 29.61           | 8.22 | 26.78         | 85.2  | 5.59     | 10.1           | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS8       | 0.28 | 2.90     | Bottom  | 3.00       | 1.00      | 29.67           | 8.22 | 26.99         | 80.8  | 5.29     | 12.1           | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS8       | 0.28 | 2.90     | Bottom  | 3.00       | 2.00      | 29.65           | 8.22 | 26.89         | 79.4  | 5.21     | 11.7           | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)9   | 0.29 | 1.00     | Surface | 1.00       | 1.00      | 29.51           | 8.25 | 26.40         | 85.7  | 5.64     | 8.5            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)9   | 0.29 | 1.00     | Surface | 1.00       | 2.00      | 29.51           | 8.25 | 26.32         | 83.3  | 5.49     | 8.7            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)9   | 0.29 | 2.60     | Bottom  | 3.00       | 1.00      | 29.56           | 8.24 | 26.60         | 82.7  | 5.44     | 9.9            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS(Mf)9   | 0.29 | 2.60     | Bottom  | 3.00       | 2.00      | 29.58           | 8.24 | 26.56         | 81.5  | 5.37     | 10.4           | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS10(N)   | 0.28 | 1.00     | Surface | 1.00       | 1.00      | 29.57           | 7.62 | 28.07         | 83.5  | 5.44     | 6.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS10(N)   | 0.28 | 1.00     | Surface | 1.00       | 2.00      | 29.55           | 7.68 | 27.90         | 85.1  | 5.54     | 6.9            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS10(N)   | 0.28 | 5.60     | Middle  | 2.00       | 1.00      | 29.59           | 7.59 | 28.20         | 82.2  | 5.35     | 7.1            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS10(N)   | 0.28 | 5.60     | Middle  | 2.00       | 2.00      | 29.58           | 7.66 | 28.16         | 83.1  | 5.42     | 7.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS10(N)   | 0.28 | 10.10    | Bottom  | 3.00       | 1.00      | 29.58           | 7.64 | 28.30         | 82.0  | 5.36     | 7.5            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | IS10(N)   | 0.28 | 10.10    | Bottom  | 3.00       | 2.00      | 29.59           | 7.58 | 28.40         | 81.6  | 5.32     | 7.4            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR3(N)    | 0.32 | 1.00     | Surface | 1.00       | 1.00      | 29.61           | 8.28 | 26.44         | 83.7  | 5.51     | 6.6            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR3(N)    | 0.32 | 1.00     | Surface | 1.00       | 2.00      | 29.63           | 8.28 | 26.48         | 83.8  | 5.51     | 6.5            | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR3(N)    | 0.32 | 3.00     | Bottom  | 3.00       | 1.00      | 29.66           | 8.28 | 26.57         | 83.8  | 5.51     | 6.5            | 8.1      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR3(N)    | 0.32 | 3.00     | Bottom  | 3.00       | 2.00      | 29.65           | 8.28 | 26.56         | 83.8  | 5.50     | 6.5            | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR4(N)    | 0.28 | 1.00     | Surface | 1.00       | 1.00      | 29.64           | 8.23 | 26.85         | 77.6  | 5.09     | 8.6            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR4(N)    | 0.28 | 1.00     | Surface | 1.00       | 2.00      | 29.63           | 8.23 | 26.87         | 77.7  | 5.10     | 8.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR4(N)    | 0.28 | 2.80     | Bottom  | 3.00       | 1.00      | 29.65           | 8.23 | 27.05         | 77.8  | 5.10     | 9.6            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR4(N)    | 0.28 | 2.80     | Bottom  | 3.00       | 2.00      | 29.68           | 8.23 | 27.08         | 77.8  | 5.09     | 9.8            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR5(N)    | 0.29 | 1.00     | Surface | 1.00       | 1.00      | 29.58           | 7.74 | 28.14         | 84.2  | 5.46     | 8.3            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR5(N)    | 0.29 | 1.00     | Surface | 1.00       | 2.00      | 29.59           | 7.71 | 28.22         | 83.5  | 5.43     | 8.1            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR5(N)    | 0.29 | 4.40     | Middle  | 2.00       | 1.00      | 29.60           | 7.70 | 28.47         | 81.3  | 5.29     | 8.5            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR5(N)    | 0.29 | 4.40     | Middle  | 2.00       | 2.00      | 29.60           | 7.73 | 28.39         | 82.2  | 5.36     | 8.4            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR5(N)    | 0.29 | 7.70     | Bottom  | 3.00       | 1.00      | 29.60           | 7.72 | 28.53         | 80.9  | 5.28     | 8.8            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR5(N)    | 0.29 | 7.70     | Bottom  | 3.00       | 2.00      | 29.58           | 7.68 | 28.63         | 80.8  | 5.26     | 8.7            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10A(N)  | 0.25 | 1.00     | Surface | 1.00       | 1.00      | 29.37           | 7.56 | 31.11         | 78.4  | 5.12     | 9.4            | 17.1     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10A(N)  | 0.25 | 1.00     | Surface | 1.00       | 2.00      | 29.37           | 7.59 | 31.05         | 78.9  | 5.14     | 9.3            | 17.1     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10A(N)  | 0.25 | 7.10     | Middle  | 2.00       | 1.00      | 29.37           | 7.58 | 31.06         | 78.3  | 5.05     | 9.6            | 17.6     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10A(N)  | 0.25 | 7.10     | Middle  | 2.00       | 2.00      | 29.37           | 7.55 | 31.11         | 78.1  | 5.06     | 9.5            | 18.0     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10A(N)  | 0.25 | 13.10    | Bottom  | 3.00       | 1.00      | 29.37           | 7.54 | 31.12         | 77.7  | 5.01     | 9.8            | 17.7     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10A(N)  | 0.25 | 13.10    | Bottom  | 3.00       | 2.00      | 29.37           | 7.57 | 31.08         | 77.9  | 5.03     | 9.9            | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10B(N2) | 0.24 | 1.00     | Surface | 1.00       | 1.00      | 29.37           | 7.52 | 31.10         | 78.7  | 5.11     | 9.4            | 16.6     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10B(N2) | 0.24 | 1.00     | Surface | 1.00       | 2.00      | 29.37           | 7.48 | 31.10         | 78.4  | 5.08     | 9.5            | 17.0     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10B(N2) | 0.24 | 4.10     | Middle  | 2.00       | 1.00      | 29.37           | 7.51 | 31.10         | 77.6  | 5.04     | 9.7            | 16.4     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10B(N2) | 0.24 | 4.10     | Middle  | 2.00       | 2.00      | 29.37           | 7.45 | 31.10         | 77.9  | 5.03     | 9.6            | 15.4     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10B(N2) | 0.24 | 7.20     | Bottom  | 3.00       | 1.00      | 29.38           | 7.60 | 31.10         | 77.4  | 4.93     | 9.8            | 16.2     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | SR10B(N2) | 0.24 | 7.20     | Bottom  | 3.00       | 2.00      | 29.37           | 7.49 | 31.11         | 77.1  | 4.89     | 9.9            | 15.4     |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS2(A)    | 0.32 | 1.00     | Surface | 1.00       | 1.00      | 29.55           | 7.76 | 28.57         | 85.6  | 5.57     | 7.1            | 8.6      |

## 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 | 2017-10-06        | Mid-Flood | Sunny             | CS2(A)  | 0.32 | 1.00     | Surface | 1.00       | 2.00      | 29.55           | 7.71 | 28.53         | 86.6  | 5.56     | 7.0            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS2(A)  | 0.32 | 4.00     | Middle  | 2.00       | 1.00      | 29.57           | 7.76 | 28.94         | 85.3  | 5.55     | 7.3            | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS2(A)  | 0.32 | 4.00     | Middle  | 2.00       | 2.00      | 29.56           | 7.69 | 28.70         | 85.2  | 5.55     | 7.2            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS2(A)  | 0.32 | 7.00     | Bottom  | 3.00       | 1.00      | 29.59           | 7.74 | 30.88         | 85.1  | 5.53     | 7.4            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS2(A)  | 0.32 | 7.00     | Bottom  | 3.00       | 2.00      | 29.62           | 7.68 | 30.85         | 84.9  | 5.45     | 7.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS(Mf)5 | 0.26 | 1.00     | Surface | 1.00       | 1.00      | 29.77           | 8.19 | 27.76         | 79.0  | 5.15     | 5.6            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS(Mf)5 | 0.26 | 1.00     | Surface | 1.00       | 2.00      | 29.75           | 8.18 | 28.16         | 79.8  | 5.19     | 5.2            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS(Mf)5 | 0.26 | 6.30     | Middle  | 2.00       | 1.00      | 29.70           | 8.16 | 28.85         | 77.8  | 5.05     | 6.1            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS(Mf)5 | 0.26 | 6.30     | Middle  | 2.00       | 2.00      | 29.70           | 8.18 | 28.30         | 77.7  | 5.05     | 6.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS(Mf)5 | 0.26 | 11.50    | Bottom  | 3.00       | 1.00      | 29.70           | 8.18 | 28.53         | 78.4  | 5.09     | 6.3            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-06        | Mid-Flood | Sunny             | CS(Mf)5 | 0.26 | 11.50    | Bottom  | 3.00       | 2.00      | 29.70           | 8.15 | 29.39         | 78.0  | 5.04     | 6.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS5     | 0.60 | 1.00     | Surface | 1.00       | 1.00      | 29.63           | 8.23 | 26.04         | 87.1  | 5.74     | 7.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS5     | 0.60 | 1.00     | Surface | 1.00       | 2.00      | 29.62           | 8.24 | 25.96         | 89.8  | 5.93     | 7.6            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS5     | 0.60 | 4.30     | Middle  | 2.00       | 1.00      | 29.58           | 8.23 | 26.11         | 86.8  | 5.73     | 7.7            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS5     | 0.60 | 4.30     | Middle  | 2.00       | 2.00      | 29.58           | 8.24 | 25.99         | 87.8  | 5.79     | 7.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS5     | 0.60 | 7.50     | Bottom  | 3.00       | 1.00      | 29.54           | 8.24 | 25.97         | 87.7  | 5.78     | 7.8            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS5     | 0.60 | 7.50     | Bottom  | 3.00       | 2.00      | 29.56           | 8.23 | 26.12         | 86.5  | 5.71     | 7.8            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)6 | 0.61 | 1.00     | Surface | 1.00       | 1.00      | 29.59           | 8.24 | 26.01         | 89.7  | 5.92     | 4.7            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)6 | 0.61 | 1.00     | Surface | 1.00       | 2.00      | 29.59           | 8.25 | 25.86         | 92.5  | 6.11     | 4.8            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)6 | 0.61 | 2.20     | Bottom  | 3.00       | 1.00      | 29.58           | 8.27 | 25.77         | 90.8  | 5.99     | 4.9            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)6 | 0.61 | 2.20     | Bottom  | 3.00       | 2.00      | 29.58           | 8.25 | 25.92         | 88.1  | 5.81     | 4.9            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS7     | 0.61 | 1.00     | Surface | 1.00       | 1.00      | 29.66           | 8.26 | 26.33         | 92.3  | 6.07     | 5.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS7     | 0.61 | 1.00     | Surface | 1.00       | 2.00      | 29.66           | 8.27 | 26.23         | 96.1  | 6.33     | 5.8            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS7     | 0.61 | 2.40     | Bottom  | 3.00       | 1.00      | 29.66           | 8.28 | 26.14         | 93.6  | 6.16     | 6.0            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS7     | 0.61 | 2.40     | Bottom  | 3.00       | 2.00      | 29.66           | 8.27 | 26.30         | 91.5  | 6.02     | 6.1            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS8     | 0.63 | 1.00     | Surface | 1.00       | 1.00      | 29.56           | 8.26 | 26.88         | 93.3  | 6.13     | 6.9            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS8     | 0.63 | 1.00     | Surface | 1.00       | 2.00      | 29.56           | 8.26 | 26.89         | 90.5  | 5.94     | 6.8            | 11.4     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS8     | 0.63 | 2.80     | Bottom  | 3.00       | 1.00      | 29.56           | 8.27 | 26.87         | 91.3  | 6.00     | 6.7            | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS8     | 0.63 | 2.80     | Bottom  | 3.00       | 2.00      | 29.56           | 8.26 | 26.89         | 90.0  | 5.91     | 6.8            | 16.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)9 | 0.62 | 1.00     | Surface | 1.00       | 1.00      | 29.71           | 8.27 | 26.40         | 93.8  | 6.16     | 6.1            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)9 | 0.62 | 1.00     | Surface | 1.00       | 2.00      | 29.72           | 8.26 | 26.43         | 90.0  | 5.91     | 6.2            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)9 | 0.62 | 2.60     | Bottom  | 3.00       | 1.00      | 29.72           | 8.27 | 26.36         | 91.3  | 6.00     | 6.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS(Mf)9 | 0.62 | 2.60     | Bottom  | 3.00       | 2.00      | 29.72           | 8.26 | 26.43         | 89.4  | 5.87     | 6.4            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS10(N) | 0.62 | 1.00     | Surface | 1.00       | 1.00      | 29.70           | 7.88 | 27.74         | 89.7  | 5.91     | 4.0            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS10(N) | 0.62 | 1.00     | Surface | 1.00       | 2.00      | 29.70           | 7.89 | 27.75         | 90.2  | 5.95     | 4.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS10(N) | 0.62 | 5.30     | Middle  | 2.00       | 1.00      | 29.61           | 7.90 | 28.93         | 88.0  | 5.77     | 4.6            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS10(N) | 0.62 | 5.30     | Middle  | 2.00       | 2.00      | 29.57           | 7.87 | 29.28         | 87.7  | 5.74     | 5.0            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS10(N) | 0.62 | 9.60     | Bottom  | 3.00       | 1.00      | 29.60           | 7.89 | 29.08         | 88.9  | 5.82     | 4.5            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | IS10(N) | 0.62 | 9.60     | Bottom  | 3.00       | 2.00      | 29.57           | 7.86 | 29.31         | 89.0  | 5.83     | 4.7            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR3(N)  | 0.59 | 1.00     | Surface | 1.00       | 1.00      | 29.66           | 8.29 | 24.03         | 90.4  | 6.03     | 4.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR3(N)  | 0.59 | 1.00     | Surface | 1.00       | 2.00      | 29.66           | 8.35 | 23.80         | 92.7  | 6.19     | 4.5            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR3(N)  | 0.59 | 2.10     | Bottom  | 3.00       | 1.00      | 29.69           | 8.34 | 23.44         | 90.8  | 6.05     | 4.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR3(N)  | 0.59 | 2.10     | Bottom  | 3.00       | 2.00      | 29.67           | 8.32 | 23.89         | 90.0  | 6.00     | 4.4            | 8.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR4(N)  | 0.63 | 1.00     | Surface | 1.00       | 1.00      | 29.58           | 8.26 | 26.63         | 93.4  | 6.15     | 3.8            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR4(N)  | 0.63 | 1.00     | Surface | 1.00       | 2.00      | 29.58           | 8.27 | 26.55         | 90.9  | 5.98     | 3.7            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR4(N)  | 0.63 | 2.60     | Bottom  | 3.00       | 1.00      | 29.58           | 8.27 | 26.61         | 89.5  | 5.88     | 3.8            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR4(N)  | 0.63 | 2.60     | Bottom  | 3.00       | 2.00      | 29.57           | 8.28 | 26.43         | 89.9  | 5.92     | 3.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR5(N)  | 0.61 | 1.00     | Surface | 1.00       | 1.00      | 29.69           | 7.86 | 27.67         | 90.2  | 5.95     | 4.0            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR5(N)  | 0.61 | 1.00     | Surface | 1.00       | 2.00      | 29.70           | 7.88 | 27.73         | 90.6  | 5.97     | 3.9            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR5(N)  | 0.61 | 4.30     | Middle  | 2.00       | 1.00      | 29.62           | 7.85 | 28.69         | 89.8  | 5.90     | 4.3            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR5(N)  | 0.61 | 4.30     | Middle  | 2.00       | 2.00      | 29.60           | 7.89 | 28.81         | 88.2  | 5.79     | 4.5            | 5.1      |

## 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 | 2017-10-09        | Mid-Ebb   | Sunny             | SR5(N)    | 0.61 | 7.50     | Bottom  | 3.00       | 1.00      | 29.56           | 7.82 | 29.30         | 91.4  | 5.99     | 4.4            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR5(N)    | 0.61 | 7.50     | Bottom  | 3.00       | 2.00      | 29.58           | 7.88 | 29.29         | 89.2  | 5.84     | 4.4            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 29.48           | 7.91 | 31.27         | 87.1  | 5.65     | 4.9            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.65 | 1.00     | Surface | 1.00       | 2.00      | 29.47           | 7.89 | 31.31         | 83.1  | 5.40     | 5.1            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.65 | 6.80     | Middle  | 2.00       | 1.00      | 29.48           | 7.91 | 31.33         | 81.5  | 5.29     | 5.0            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.65 | 6.80     | Middle  | 2.00       | 2.00      | 29.47           | 7.87 | 31.36         | 84.0  | 5.46     | 5.3            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.65 | 12.60    | Bottom  | 3.00       | 1.00      | 29.48           | 7.90 | 31.32         | 82.4  | 5.35     | 5.3            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.65 | 12.60    | Bottom  | 3.00       | 2.00      | 29.47           | 7.85 | 31.34         | 81.9  | 5.32     | 5.5            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 29.49           | 7.91 | 31.22         | 81.9  | 5.32     | 4.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.66 | 1.00     | Surface | 1.00       | 2.00      | 29.49           | 7.92 | 31.26         | 81.5  | 5.29     | 4.3            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.66 | 3.80     | Middle  | 2.00       | 1.00      | 29.48           | 7.92 | 31.31         | 81.5  | 5.29     | 4.6            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.65 | 3.80     | Middle  | 2.00       | 2.00      | 29.49           | 7.89 | 31.27         | 81.9  | 5.32     | 4.6            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.65 | 6.60     | Bottom  | 3.00       | 1.00      | 29.49           | 7.88 | 31.25         | 81.4  | 5.29     | 4.3            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.65 | 6.60     | Bottom  | 3.00       | 2.00      | 29.49           | 7.91 | 31.28         | 81.4  | 5.29     | 4.6            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS2(A)    | 0.57 | 1.00     | Surface | 1.00       | 1.00      | 29.40           | 7.94 | 30.85         | 92.3  | 6.01     | 6.1            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS2(A)    | 0.57 | 1.00     | Surface | 1.00       | 2.00      | 29.40           | 7.95 | 30.86         | 91.1  | 5.93     | 6.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS2(A)    | 0.57 | 3.90     | Middle  | 2.00       | 1.00      | 29.21           | 7.94 | 31.26         | 90.3  | 5.88     | 7.0            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS2(A)    | 0.57 | 3.90     | Middle  | 2.00       | 2.00      | 29.21           | 7.96 | 31.56         | 89.4  | 5.82     | 7.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS2(A)    | 0.57 | 6.70     | Bottom  | 3.00       | 1.00      | 29.21           | 7.96 | 32.49         | 90.9  | 5.88     | 6.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS2(A)    | 0.57 | 6.70     | Bottom  | 3.00       | 2.00      | 29.15           | 7.95 | 32.46         | 91.3  | 5.92     | 6.6            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 29.77           | 8.29 | 27.38         | 82.3  | 5.36     | 4.9            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.65 | 1.00     | Surface | 1.00       | 2.00      | 29.79           | 8.29 | 27.45         | 85.6  | 5.59     | 4.8            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.65 | 6.00     | Middle  | 2.00       | 1.00      | 29.66           | 8.27 | 28.35         | 82.1  | 5.35     | 4.8            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.65 | 6.00     | Middle  | 2.00       | 2.00      | 29.80           | 8.28 | 27.71         | 83.3  | 5.42     | 4.8            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.65 | 11.00    | Bottom  | 3.00       | 1.00      | 29.59           | 8.27 | 28.85         | 82.5  | 5.36     | 4.8            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.65 | 11.00    | Bottom  | 3.00       | 2.00      | 29.58           | 8.28 | 28.68         | 79.8  | 5.19     | 4.8            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS5       | 0.40 | 1.00     | Surface | 1.00       | 1.00      | 29.43           | 8.24 | 27.42         | 85.2  | 5.59     | 6.9            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS5       | 0.40 | 1.00     | Surface | 1.00       | 2.00      | 29.43           | 8.24 | 27.39         | 88.9  | 5.83     | 6.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS5       | 0.40 | 4.30     | Middle  | 2.00       | 1.00      | 29.42           | 8.24 | 27.47         | 85.1  | 5.59     | 6.8            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS5       | 0.40 | 4.30     | Middle  | 2.00       | 2.00      | 29.43           | 8.24 | 27.42         | 86.4  | 5.67     | 6.9            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS5       | 0.40 | 7.60     | Bottom  | 3.00       | 1.00      | 29.41           | 8.25 | 27.52         | 85.9  | 5.64     | 6.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS5       | 0.40 | 7.60     | Bottom  | 3.00       | 2.00      | 29.42           | 8.24 | 27.60         | 85.1  | 5.58     | 6.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 29.44           | 8.24 | 27.21         | 87.2  | 5.72     | 8.8            | 11.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 29.42           | 8.24 | 27.21         | 90.6  | 5.95     | 8.7            | 11.4     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.39 | 2.40     | Bottom  | 3.00       | 1.00      | 29.38           | 8.25 | 27.46         | 88.5  | 5.81     | 8.8            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.39 | 2.40     | Bottom  | 3.00       | 2.00      | 29.41           | 8.24 | 27.40         | 86.3  | 5.67     | 8.5            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS7       | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 29.40           | 8.23 | 27.19         | 89.9  | 5.91     | 9.5            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS7       | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 29.39           | 8.23 | 27.23         | 86.2  | 5.66     | 9.6            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS7       | 0.39 | 2.30     | Bottom  | 3.00       | 1.00      | 29.38           | 8.24 | 27.42         | 87.8  | 5.77     | 9.6            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS7       | 0.39 | 2.30     | Bottom  | 3.00       | 2.00      | 29.39           | 8.23 | 27.45         | 85.4  | 5.61     | 9.4            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS8       | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 29.44           | 8.23 | 27.56         | 91.0  | 5.96     | 7.6            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS8       | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 29.44           | 8.23 | 27.58         | 85.7  | 5.62     | 7.7            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS8       | 0.37 | 3.10     | Bottom  | 3.00       | 1.00      | 29.45           | 8.23 | 27.62         | 84.3  | 5.53     | 7.5            | 12.9     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS8       | 0.37 | 3.10     | Bottom  | 3.00       | 2.00      | 29.47           | 8.24 | 27.64         | 87.6  | 5.74     | 7.5            | 12.0     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.38 | 1.00     | Surface | 1.00       | 1.00      | 29.39           | 8.23 | 27.44         | 88.2  | 5.80     | 5.4            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.38 | 1.00     | Surface | 1.00       | 2.00      | 29.39           | 8.23 | 27.40         | 93.4  | 6.14     | 5.5            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.38 | 2.90     | Bottom  | 3.00       | 1.00      | 29.38           | 8.24 | 27.39         | 90.6  | 5.95     | 5.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.38 | 2.90     | Bottom  | 3.00       | 2.00      | 29.38           | 8.23 | 27.44         | 87.4  | 5.74     | 5.5            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS10(N)   | 0.38 | 1.00     | Surface | 1.00       | 1.00      | 29.39           | 7.77 | 28.89         | 86.3  | 5.68     | 7.0            | 11.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS10(N)   | 0.38 | 1.00     | Surface | 1.00       | 2.00      | 29.38           | 7.79 | 28.90         | 85.4  | 5.63     | 6.8            | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS10(N)   | 0.38 | 5.40     | Middle  | 2.00       | 1.00      | 29.39           | 7.78 | 29.07         | 85.1  | 5.60     | 7.2            | 10.2     |

## 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 | 2017-10-09        | Mid-Flood | Cloudy            | IS10(N)   | 0.38 | 5.40     | Middle  | 2.00       | 2.00      | 29.41           | 7.75 | 29.15         | 86.4  | 5.68     | 7.5            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS10(N)   | 0.38 | 9.70     | Bottom  | 3.00       | 1.00      | 29.39           | 7.78 | 29.08         | 85.9  | 5.65     | 8.0            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | IS10(N)   | 0.38 | 9.70     | Bottom  | 3.00       | 2.00      | 29.43           | 7.76 | 29.26         | 88.9  | 5.84     | 7.8            | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR3(N)    | 0.40 | 1.00     | Surface | 1.00       | 1.00      | 29.46           | 8.24 | 27.46         | 89.4  | 5.87     | 7.6            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR3(N)    | 0.40 | 1.00     | Surface | 1.00       | 2.00      | 29.45           | 8.24 | 27.47         | 86.4  | 5.67     | 7.5            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR3(N)    | 0.40 | 2.60     | Bottom  | 3.00       | 1.00      | 29.45           | 8.24 | 27.47         | 87.5  | 5.74     | 7.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR3(N)    | 0.40 | 2.60     | Bottom  | 3.00       | 2.00      | 29.45           | 8.24 | 27.48         | 86.0  | 5.64     | 7.5            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR4(N)    | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 29.51           | 8.22 | 27.46         | 85.7  | 5.61     | 9.8            | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR4(N)    | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 29.52           | 8.23 | 27.43         | 93.2  | 6.11     | 9.5            | 14.1     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR4(N)    | 0.37 | 2.70     | Bottom  | 3.00       | 1.00      | 29.53           | 8.23 | 27.47         | 83.5  | 5.47     | 9.9            | 16.6     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR4(N)    | 0.37 | 2.70     | Bottom  | 3.00       | 2.00      | 29.51           | 8.24 | 27.39         | 87.7  | 5.74     | 9.5            | 16.7     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR5(N)    | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 29.38           | 7.79 | 28.81         | 86.0  | 5.67     | 7.4            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR5(N)    | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 29.37           | 7.81 | 28.75         | 85.8  | 5.66     | 7.2            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR5(N)    | 0.39 | 4.30     | Middle  | 2.00       | 1.00      | 29.38           | 7.78 | 28.85         | 86.2  | 5.68     | 7.3            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR5(N)    | 0.39 | 4.30     | Middle  | 2.00       | 2.00      | 29.38           | 7.80 | 28.92         | 84.9  | 5.59     | 7.7            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR5(N)    | 0.39 | 7.60     | Bottom  | 3.00       | 1.00      | 29.41           | 7.80 | 29.16         | 84.9  | 5.58     | 8.7            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR5(N)    | 0.39 | 7.60     | Bottom  | 3.00       | 2.00      | 29.38           | 7.74 | 28.98         | 85.4  | 5.62     | 8.4            | 11.3     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10A(N)  | 0.35 | 1.00     | Surface | 1.00       | 1.00      | 29.41           | 7.78 | 30.71         | 80.0  | 5.22     | 7.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10A(N)  | 0.35 | 1.00     | Surface | 1.00       | 2.00      | 29.43           | 7.80 | 30.48         | 80.5  | 5.26     | 7.5            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10A(N)  | 0.35 | 6.90     | Middle  | 2.00       | 1.00      | 29.40           | 7.80 | 30.87         | 79.5  | 5.18     | 8.7            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10A(N)  | 0.35 | 6.90     | Middle  | 2.00       | 2.00      | 29.40           | 7.80 | 30.87         | 79.3  | 5.17     | 8.4            | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10A(N)  | 0.35 | 12.80    | Bottom  | 3.00       | 1.00      | 29.41           | 7.80 | 30.86         | 79.2  | 5.17     | 8.6            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10A(N)  | 0.35 | 12.80    | Bottom  | 3.00       | 2.00      | 29.40           | 7.80 | 30.87         | 79.3  | 5.17     | 8.2            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10B(N2) | 0.34 | 1.00     | Surface | 1.00       | 1.00      | 29.40           | 7.77 | 30.90         | 86.4  | 5.62     | 7.8            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10B(N2) | 0.34 | 1.00     | Surface | 1.00       | 2.00      | 29.41           | 7.76 | 30.72         | 84.5  | 5.52     | 8.0            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10B(N2) | 0.34 | 3.70     | Middle  | 2.00       | 1.00      | 29.39           | 7.76 | 30.94         | 81.1  | 5.29     | 9.0            | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10B(N2) | 0.34 | 3.70     | Middle  | 2.00       | 2.00      | 29.40           | 7.76 | 30.91         | 80.9  | 5.28     | 9.1            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10B(N2) | 0.34 | 6.40     | Bottom  | 3.00       | 1.00      | 29.39           | 7.75 | 30.92         | 80.1  | 5.22     | 9.1            | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | SR10B(N2) | 0.34 | 6.40     | Bottom  | 3.00       | 2.00      | 29.40           | 7.77 | 30.91         | 80.1  | 5.22     | 8.8            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS2(A)    | 0.43 | 1.00     | Surface | 1.00       | 1.00      | 29.45           | 7.90 | 29.36         | 88.6  | 5.81     | 7.8            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS2(A)    | 0.43 | 1.00     | Surface | 1.00       | 2.00      | 29.48           | 7.89 | 29.31         | 90.6  | 5.90     | 8.0            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS2(A)    | 0.43 | 3.90     | Middle  | 2.00       | 1.00      | 29.27           | 7.91 | 31.03         | 87.7  | 5.72     | 8.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS2(A)    | 0.43 | 3.90     | Middle  | 2.00       | 2.00      | 29.27           | 7.89 | 30.98         | 89.8  | 5.89     | 8.2            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS2(A)    | 0.43 | 6.70     | Bottom  | 3.00       | 1.00      | 29.27           | 7.86 | 31.02         | 88.8  | 5.79     | 8.9            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS2(A)    | 0.43 | 6.70     | Bottom  | 3.00       | 2.00      | 29.27           | 7.91 | 31.04         | 88.5  | 5.77     | 9.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.35 | 1.00     | Surface | 1.00       | 1.00      | 29.62           | 8.21 | 27.91         | 80.7  | 5.26     | 3.3            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.35 | 1.00     | Surface | 1.00       | 2.00      | 29.62           | 8.21 | 28.13         | 81.3  | 5.30     | 3.5            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.35 | 6.40     | Middle  | 2.00       | 1.00      | 29.63           | 8.20 | 28.54         | 79.3  | 5.16     | 3.5            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.35 | 6.40     | Middle  | 2.00       | 2.00      | 29.63           | 8.20 | 28.16         | 79.4  | 5.14     | 3.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.35 | 11.70    | Bottom  | 3.00       | 1.00      | 29.63           | 8.18 | 30.00         | 79.1  | 5.10     | 3.2            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-09        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.35 | 11.70    | Bottom  | 3.00       | 2.00      | 29.63           | 8.19 | 29.32         | 78.6  | 5.12     | 3.4            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS5       | 0.67 | 1.00     | Surface | 1.00       | 1.00      | 29.78           | 8.22 | 27.47         | 93.4  | 6.09     | 4.4            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS5       | 0.67 | 1.00     | Surface | 1.00       | 2.00      | 29.76           | 8.22 | 27.62         | 92.4  | 6.04     | 4.5            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS5       | 0.67 | 4.70     | Middle  | 2.00       | 1.00      | 29.58           | 8.21 | 27.71         | 92.0  | 6.00     | 4.6            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS5       | 0.66 | 4.70     | Middle  | 2.00       | 2.00      | 29.66           | 8.22 | 27.47         | 92.2  | 6.05     | 4.5            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS5       | 0.67 | 8.30     | Bottom  | 3.00       | 1.00      | 29.51           | 8.21 | 27.68         | 91.0  | 5.95     | 4.6            | 13.4     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS5       | 0.66 | 8.30     | Bottom  | 3.00       | 2.00      | 29.41           | 8.23 | 27.38         | 91.8  | 6.00     | 4.6            | 12.3     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.68 | 1.00     | Surface | 1.00       | 1.00      | 29.94           | 8.26 | 27.63         | 97.8  | 6.36     | 4.4            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.68 | 1.00     | Surface | 1.00       | 2.00      | 29.91           | 8.27 | 27.42         | 98.2  | 6.42     | 4.6            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.68 | 2.50     | Bottom  | 3.00       | 1.00      | 29.67           | 8.29 | 27.26         | 98.1  | 6.40     | 4.7            | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.68 | 2.50     | Bottom  | 3.00       | 2.00      | 29.75           | 8.26 | 27.60         | 96.7  | 6.31     | 4.5            | 9.4      |

## 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 | 2017-10-11        | Mid-Ebb | Sunny             | IS7       | 0.68 | 1.00     | Surface | 1.00       | 1.00      | 30.15           | 8.28 | 27.38         | 99.9  | 6.49     | 4.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS7       | 0.68 | 1.00     | Surface | 1.00       | 2.00      | 30.15           | 8.28 | 27.56         | 98.3  | 6.37     | 4.0            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS7       | 0.68 | 2.30     | Bottom  | 3.00       | 1.00      | 30.12           | 8.28 | 27.23         | 99.0  | 6.42     | 4.3            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS7       | 0.68 | 2.30     | Bottom  | 3.00       | 2.00      | 30.07           | 8.28 | 27.54         | 98.2  | 6.37     | 4.2            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS8       | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 29.85           | 8.28 | 27.84         | 98.4  | 6.41     | 8.7            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS8       | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 29.88           | 8.28 | 27.90         | 93.9  | 6.11     | 8.7            | 12.9     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS8       | 0.70 | 2.90     | Bottom  | 3.00       | 1.00      | 29.82           | 8.28 | 27.97         | 93.8  | 6.10     | 8.9            | 13.7     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS8       | 0.70 | 2.90     | Bottom  | 3.00       | 2.00      | 29.78           | 8.28 | 27.72         | 94.7  | 6.16     | 8.8            | 14.7     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS(Mf)9   | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 30.05           | 8.30 | 27.40         | 100.4 | 6.52     | 1.5            | 2.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS(Mf)9   | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 30.03           | 8.30 | 27.23         | 100.6 | 6.56     | 1.4            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS(Mf)9   | 0.69 | 2.80     | Bottom  | 3.00       | 1.00      | 30.04           | 8.30 | 27.32         | 100.1 | 6.50     | 1.6            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS(Mf)9   | 0.69 | 2.80     | Bottom  | 3.00       | 2.00      | 29.98           | 8.31 | 27.09         | 100.6 | 6.55     | 1.5            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS10(N)   | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 29.74           | 7.78 | 27.19         | 86.9  | 5.68     | 3.2            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS10(N)   | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 29.80           | 7.78 | 27.01         | 87.0  | 5.69     | 3.0            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS10(N)   | 0.70 | 6.00     | Middle  | 2.00       | 1.00      | 29.45           | 7.77 | 29.83         | 85.6  | 5.54     | 3.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS10(N)   | 0.70 | 6.00     | Middle  | 2.00       | 2.00      | 29.44           | 7.76 | 29.93         | 85.6  | 5.54     | 3.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS10(N)   | 0.70 | 10.90    | Bottom  | 3.00       | 1.00      | 29.47           | 7.76 | 29.98         | 87.2  | 5.64     | 3.2            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | IS10(N)   | 0.70 | 10.90    | Bottom  | 3.00       | 2.00      | 29.44           | 7.78 | 30.00         | 87.4  | 5.65     | 3.4            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR3(N)    | 0.66 | 1.00     | Surface | 1.00       | 1.00      | 29.85           | 8.21 | 25.61         | 93.7  | 6.19     | 4.4            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR3(N)    | 0.66 | 1.00     | Surface | 1.00       | 2.00      | 29.93           | 8.29 | 25.05         | 96.0  | 6.33     | 4.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR3(N)    | 0.66 | 2.40     | Bottom  | 3.00       | 1.00      | 29.69           | 8.25 | 25.39         | 93.6  | 6.17     | 4.5            | 12.1     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR3(N)    | 0.65 | 2.40     | Bottom  | 3.00       | 2.00      | 29.91           | 8.64 | 24.00         | 92.3  | 6.13     | 4.6            | 13.6     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR4(N)    | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 30.27           | 8.30 | 27.48         | 97.6  | 6.32     | 2.9            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR4(N)    | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 30.30           | 8.31 | 27.32         | 99.5  | 6.47     | 3.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR4(N)    | 0.70 | 2.90     | Bottom  | 3.00       | 1.00      | 30.24           | 8.30 | 27.44         | 97.0  | 6.28     | 3.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR4(N)    | 0.70 | 2.90     | Bottom  | 3.00       | 2.00      | 30.08           | 8.33 | 27.22         | 98.1  | 6.35     | 3.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR5(N)    | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 29.76           | 7.78 | 27.20         | 88.4  | 5.78     | 3.1            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR5(N)    | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 29.77           | 7.78 | 27.20         | 88.0  | 5.75     | 3.0            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR5(N)    | 0.69 | 4.70     | Middle  | 2.00       | 1.00      | 29.49           | 7.76 | 29.65         | 86.8  | 5.62     | 3.4            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR5(N)    | 0.69 | 4.70     | Middle  | 2.00       | 2.00      | 29.50           | 7.78 | 29.63         | 87.6  | 5.67     | 3.4            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR5(N)    | 0.69 | 8.30     | Bottom  | 3.00       | 1.00      | 29.49           | 7.81 | 29.68         | 89.4  | 5.79     | 3.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR5(N)    | 0.69 | 8.30     | Bottom  | 3.00       | 2.00      | 29.49           | 7.77 | 29.73         | 88.0  | 5.70     | 3.4            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10A(N)  | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 29.86           | 7.80 | 26.98         | 87.5  | 5.72     | 3.1            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10A(N)  | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 29.86           | 7.81 | 26.95         | 88.3  | 5.77     | 3.2            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10A(N)  | 0.75 | 6.50     | Middle  | 2.00       | 1.00      | 29.45           | 7.77 | 29.92         | 84.0  | 5.44     | 3.8            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10A(N)  | 0.75 | 6.50     | Middle  | 2.00       | 2.00      | 29.44           | 7.78 | 29.97         | 85.1  | 5.50     | 3.6            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10A(N)  | 0.75 | 12.00    | Bottom  | 3.00       | 1.00      | 29.57           | 7.78 | 30.03         | 88.3  | 5.70     | 4.0            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10A(N)  | 0.75 | 12.00    | Bottom  | 3.00       | 2.00      | 29.43           | 7.77 | 30.19         | 86.4  | 5.58     | 3.9            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10B(N2) | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 29.88           | 7.83 | 26.90         | 89.9  | 5.88     | 2.5            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10B(N2) | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 29.86           | 7.82 | 26.93         | 89.7  | 5.86     | 2.5            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10B(N2) | 0.75 | 3.20     | Middle  | 2.00       | 1.00      | 29.64           | 7.81 | 28.91         | 87.6  | 5.69     | 2.4            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10B(N2) | 0.75 | 3.20     | Middle  | 2.00       | 2.00      | 29.67           | 7.80 | 28.87         | 88.7  | 5.75     | 2.5            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10B(N2) | 0.75 | 5.40     | Bottom  | 3.00       | 1.00      | 29.50           | 7.83 | 29.66         | 88.3  | 5.72     | 2.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | SR10B(N2) | 0.75 | 5.40     | Bottom  | 3.00       | 2.00      | 29.76           | 7.81 | 29.43         | 90.2  | 5.82     | 3.0            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | CS2(A)    | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 29.67           | 7.91 | 30.10         | 92.2  | 5.94     | 3.3            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | CS2(A)    | 0.65 | 1.00     | Surface | 1.00       | 2.00      | 29.68           | 7.92 | 30.10         | 92.2  | 5.94     | 3.5            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | CS2(A)    | 0.65 | 3.90     | Middle  | 2.00       | 1.00      | 29.12           | 7.90 | 31.54         | 90.0  | 5.80     | 4.8            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | CS2(A)    | 0.65 | 3.90     | Middle  | 2.00       | 2.00      | 29.11           | 7.89 | 31.51         | 90.4  | 5.83     | 5.0            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | CS2(A)    | 0.65 | 6.70     | Bottom  | 3.00       | 1.00      | 29.12           | 7.90 | 31.93         | 91.1  | 5.86     | 4.4            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | CS2(A)    | 0.65 | 6.70     | Bottom  | 3.00       | 2.00      | 29.02           | 7.88 | 32.04         | 90.9  | 5.85     | 4.7            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb | Sunny             | CS(Mf)5   | 0.73 | 1.00     | Surface | 1.00       | 1.00      | 29.82           | 8.29 | 28.26         | 84.4  | 5.45     | 2.6            | 3.9      |

## 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 | 2017-10-11        | Mid-Ebb   | Sunny             | CS(Mf)5  | 0.73 | 1.00     | Surface | 1.00       | 2.00      | 29.87           | 8.30 | 28.06         | 87.7  | 5.68     | 2.8            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | CS(Mf)5  | 0.73 | 6.50     | Middle  | 2.00       | 1.00      | 29.46           | 8.29 | 29.85         | 86.4  | 5.61     | 2.8            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | CS(Mf)5  | 0.73 | 6.50     | Middle  | 2.00       | 2.00      | 29.48           | 8.27 | 30.07         | 83.9  | 5.44     | 2.7            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | CS(Mf)5  | 0.73 | 12.00    | Bottom  | 3.00       | 1.00      | 29.44           | 8.30 | 29.99         | 84.2  | 5.45     | 2.9            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Ebb   | Sunny             | CS(Mf)5  | 0.73 | 12.00    | Bottom  | 3.00       | 2.00      | 29.47           | 8.27 | 30.41         | 81.4  | 5.26     | 2.8            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS5      | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 29.56           | 8.23 | 27.27         | 93.1  | 6.11     | 5.2            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS5      | 0.50 | 1.00     | Surface | 1.00       | 2.00      | 29.59           | 8.23 | 27.27         | 91.9  | 6.02     | 5.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS5      | 0.50 | 4.60     | Middle  | 2.00       | 1.00      | 29.43           | 8.24 | 27.59         | 92.8  | 6.08     | 5.2            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS5      | 0.50 | 4.60     | Middle  | 2.00       | 2.00      | 29.45           | 8.23 | 27.47         | 91.7  | 6.02     | 5.4            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS5      | 0.50 | 8.10     | Bottom  | 3.00       | 1.00      | 29.37           | 8.23 | 27.57         | 91.3  | 5.99     | 5.4            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS5      | 0.50 | 8.10     | Bottom  | 3.00       | 2.00      | 29.39           | 8.25 | 27.69         | 92.4  | 6.06     | 5.3            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)6  | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 29.55           | 8.24 | 27.04         | 95.0  | 6.24     | 7.0            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)6  | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 29.56           | 8.25 | 26.96         | 98.0  | 6.45     | 7.2            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)6  | 0.49 | 2.40     | Bottom  | 3.00       | 1.00      | 29.47           | 8.27 | 26.79         | 95.6  | 6.28     | 7.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)6  | 0.49 | 2.40     | Bottom  | 3.00       | 2.00      | 29.55           | 8.24 | 27.02         | 94.9  | 6.23     | 7.2            | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS7      | 0.48 | 1.00     | Surface | 1.00       | 1.00      | 29.63           | 8.22 | 26.76         | 94.9  | 6.24     | 7.0            | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS7      | 0.48 | 1.00     | Surface | 1.00       | 2.00      | 29.66           | 8.21 | 26.81         | 91.5  | 6.01     | 7.2            | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS7      | 0.48 | 2.50     | Bottom  | 3.00       | 1.00      | 29.62           | 8.24 | 26.66         | 92.4  | 6.07     | 7.2            | 14.5     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS7      | 0.48 | 2.50     | Bottom  | 3.00       | 2.00      | 29.60           | 8.21 | 26.80         | 91.0  | 5.97     | 7.3            | 13.7     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS8      | 0.46 | 1.00     | Surface | 1.00       | 1.00      | 29.60           | 8.21 | 26.24         | 91.4  | 6.03     | 4.4            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS8      | 0.46 | 1.00     | Surface | 1.00       | 2.00      | 29.63           | 8.21 | 26.36         | 90.0  | 5.93     | 4.3            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS8      | 0.46 | 3.00     | Bottom  | 3.00       | 1.00      | 29.46           | 8.20 | 26.61         | 88.8  | 5.85     | 4.4            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS8      | 0.46 | 3.00     | Bottom  | 3.00       | 2.00      | 29.47           | 8.23 | 26.26         | 90.1  | 5.94     | 4.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)9  | 0.48 | 1.00     | Surface | 1.00       | 1.00      | 29.49           | 8.24 | 26.73         | 95.1  | 6.27     | 6.2            | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)9  | 0.48 | 1.00     | Surface | 1.00       | 2.00      | 29.49           | 8.22 | 26.82         | 90.9  | 5.98     | 6.2            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)9  | 0.48 | 2.80     | Bottom  | 3.00       | 1.00      | 29.40           | 8.22 | 26.90         | 90.7  | 5.98     | 6.4            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS(Mf)9  | 0.48 | 2.80     | Bottom  | 3.00       | 2.00      | 29.38           | 8.27 | 26.85         | 92.6  | 6.09     | 6.2            | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS10(N)  | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 29.44           | 7.91 | 28.84         | 87.9  | 5.72     | 5.8            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS10(N)  | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 29.51           | 7.89 | 28.68         | 87.9  | 5.72     | 5.7            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS10(N)  | 0.49 | 6.00     | Middle  | 2.00       | 1.00      | 29.33           | 7.92 | 29.19         | 86.5  | 5.63     | 9.7            | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS10(N)  | 0.49 | 6.00     | Middle  | 2.00       | 2.00      | 29.32           | 7.89 | 29.23         | 85.9  | 5.59     | 9.4            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS10(N)  | 0.49 | 11.00    | Bottom  | 3.00       | 1.00      | 29.29           | 7.94 | 29.77         | 86.7  | 5.63     | 9.8            | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | IS10(N)  | 0.49 | 11.00    | Bottom  | 3.00       | 2.00      | 29.30           | 7.89 | 29.66         | 86.9  | 5.65     | 9.8            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR3(N)   | 0.53 | 1.00     | Surface | 1.00       | 1.00      | 29.62           | 8.31 | 25.00         | 93.8  | 6.26     | 4.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR3(N)   | 0.53 | 1.00     | Surface | 1.00       | 2.00      | 29.57           | 8.26 | 25.58         | 92.4  | 6.14     | 4.4            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR3(N)   | 0.53 | 2.30     | Bottom  | 3.00       | 1.00      | 29.42           | 8.28 | 25.39         | 92.4  | 6.11     | 4.4            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR3(N)   | 0.53 | 2.30     | Bottom  | 3.00       | 2.00      | 29.47           | 8.43 | 24.42         | 93.4  | 6.19     | 4.5            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR4(N)   | 0.47 | 1.00     | Surface | 1.00       | 1.00      | 29.63           | 8.21 | 26.55         | 89.9  | 5.91     | 4.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR4(N)   | 0.47 | 1.00     | Surface | 1.00       | 2.00      | 29.64           | 8.21 | 26.49         | 93.3  | 6.13     | 4.6            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR4(N)   | 0.47 | 2.90     | Bottom  | 3.00       | 1.00      | 29.63           | 8.21 | 26.53         | 89.3  | 5.87     | 4.6            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR4(N)   | 0.47 | 2.90     | Bottom  | 3.00       | 2.00      | 29.63           | 8.22 | 26.44         | 90.6  | 5.96     | 4.6            | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR5(N)   | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 29.50           | 7.77 | 29.24         | 90.6  | 5.89     | 8.8            | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR5(N)   | 0.50 | 1.00     | Surface | 1.00       | 2.00      | 29.51           | 7.77 | 29.24         | 86.6  | 5.62     | 8.9            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR5(N)   | 0.50 | 4.70     | Middle  | 2.00       | 1.00      | 29.44           | 7.76 | 29.28         | 86.8  | 5.64     | 9.6            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR5(N)   | 0.50 | 4.70     | Middle  | 2.00       | 2.00      | 29.46           | 7.77 | 29.26         | 86.3  | 5.60     | 9.7            | 12.6     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR5(N)   | 0.50 | 8.40     | Bottom  | 3.00       | 1.00      | 29.44           | 7.79 | 29.28         | 86.5  | 5.62     | 10.7           | 17.2     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR5(N)   | 0.50 | 8.40     | Bottom  | 3.00       | 2.00      | 29.44           | 7.78 | 29.28         | 86.5  | 5.62     | 11.2           | 16.9     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10A(N) | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 29.33           | 7.80 | 31.04         | 90.4  | 5.82     | 5.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10A(N) | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 29.32           | 7.78 | 31.08         | 87.0  | 5.61     | 5.4            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10A(N) | 0.45 | 6.60     | Middle  | 2.00       | 1.00      | 29.29           | 7.79 | 31.30         | 82.7  | 5.32     | 6.0            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10A(N) | 0.45 | 6.60     | Middle  | 2.00       | 2.00      | 29.30           | 7.81 | 31.23         | 83.6  | 5.38     | 6.0            | 9.6      |



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 | 2017-10-11        | Mid-Flood | Sunny             | SR10A(N)  | 0.45 | 12.10    | Bottom  | 3.00       | 1.00      | 29.30           | 7.79 | 31.28         | 84.8  | 5.46     | 6.3            | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10A(N)  | 0.45 | 12.10    | Bottom  | 3.00       | 2.00      | 29.30           | 7.85 | 31.26         | 82.2  | 5.30     | 6.1            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10B(N2) | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 29.26           | 7.76 | 32.02         | 86.5  | 5.55     | 6.5            | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10B(N2) | 0.44 | 1.00     | Surface | 1.00       | 2.00      | 29.25           | 7.75 | 32.02         | 82.9  | 5.32     | 6.6            | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10B(N2) | 0.44 | 3.20     | Middle  | 2.00       | 1.00      | 29.26           | 7.75 | 32.03         | 81.2  | 5.21     | 6.0            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10B(N2) | 0.44 | 3.20     | Middle  | 2.00       | 2.00      | 29.26           | 7.75 | 32.02         | 81.7  | 5.26     | 6.3            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10B(N2) | 0.44 | 5.30     | Bottom  | 3.00       | 1.00      | 29.26           | 7.74 | 32.02         | 80.8  | 5.19     | 6.5            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | SR10B(N2) | 0.44 | 5.30     | Bottom  | 3.00       | 2.00      | 29.26           | 7.76 | 32.03         | 81.3  | 5.22     | 6.5            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS2(A)    | 0.54 | 1.00     | Surface | 1.00       | 1.00      | 29.76           | 7.94 | 28.96         | 92.1  | 5.96     | 4.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS2(A)    | 0.54 | 1.00     | Surface | 1.00       | 2.00      | 29.72           | 7.93 | 29.07         | 91.0  | 5.89     | 4.7            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS2(A)    | 0.54 | 3.90     | Middle  | 2.00       | 1.00      | 29.24           | 7.92 | 30.21         | 88.8  | 5.75     | 5.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS2(A)    | 0.54 | 3.90     | Middle  | 2.00       | 2.00      | 29.28           | 7.94 | 30.28         | 89.7  | 5.81     | 5.1            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS2(A)    | 0.54 | 6.70     | Bottom  | 3.00       | 1.00      | 28.97           | 7.87 | 31.58         | 90.0  | 5.82     | 7.7            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS2(A)    | 0.54 | 6.70     | Bottom  | 3.00       | 2.00      | 29.04           | 7.93 | 31.52         | 89.5  | 5.78     | 7.8            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS(Mf)5   | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 29.68           | 8.19 | 26.69         | 91.3  | 5.99     | 3.0            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS(Mf)5   | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 29.66           | 8.18 | 26.83         | 87.7  | 5.75     | 3.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS(Mf)5   | 0.45 | 6.50     | Middle  | 2.00       | 1.00      | 29.44           | 8.17 | 27.29         | 85.3  | 5.57     | 3.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS(Mf)5   | 0.44 | 6.50     | Middle  | 2.00       | 2.00      | 29.45           | 8.18 | 27.14         | 87.5  | 5.72     | 3.2            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS(Mf)5   | 0.45 | 11.90    | Bottom  | 3.00       | 1.00      | 29.47           | 8.15 | 28.38         | 84.3  | 5.53     | 3.4            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-11        | Mid-Flood | Sunny             | CS(Mf)5   | 0.44 | 11.90    | Bottom  | 3.00       | 2.00      | 29.49           | 8.17 | 28.09         | 85.6  | 5.63     | 3.3            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS5       | 0.27 | 1.00     | Surface | 1.00       | 1.00      | 29.54           | 8.25 | 27.99         | 93.3  | 6.06     | 3.6            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS5       | 0.27 | 1.00     | Surface | 1.00       | 2.00      | 29.55           | 8.26 | 28.06         | 90.3  | 5.86     | 3.8            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS5       | 0.27 | 4.30     | Middle  | 2.00       | 1.00      | 29.56           | 8.25 | 28.07         | 91.2  | 5.95     | 4.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS5       | 0.27 | 4.30     | Middle  | 2.00       | 2.00      | 29.57           | 8.25 | 28.20         | 89.7  | 5.85     | 4.6            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS5       | 0.27 | 7.50     | Bottom  | 3.00       | 1.00      | 29.54           | 8.24 | 29.00         | 91.1  | 5.95     | 4.5            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS5       | 0.27 | 7.50     | Bottom  | 3.00       | 2.00      | 29.57           | 8.25 | 29.00         | 89.6  | 5.84     | 4.7            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 0.27 | 1.00     | Surface | 1.00       | 1.00      | 29.19           | 8.25 | 27.48         | 101.2 | 6.66     | 2.2            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 0.27 | 1.00     | Surface | 1.00       | 2.00      | 29.28           | 8.25 | 27.67         | 94.7  | 6.22     | 2.4            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 0.27 | 2.20     | Bottom  | 3.00       | 1.00      | 29.27           | 8.26 | 27.52         | 96.6  | 6.37     | 2.3            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 0.27 | 2.20     | Bottom  | 3.00       | 2.00      | 29.31           | 8.25 | 27.69         | 93.1  | 6.12     | 2.3            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS7       | 0.26 | 1.00     | Surface | 1.00       | 1.00      | 29.50           | 8.24 | 27.69         | 98.9  | 6.48     | 2.1            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS7       | 0.26 | 1.00     | Surface | 1.00       | 2.00      | 29.49           | 8.24 | 27.61         | 104.2 | 6.83     | 2.0            | 3.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS7       | 0.26 | 2.20     | Bottom  | 3.00       | 1.00      | 29.50           | 8.24 | 27.65         | 95.9  | 6.28     | 2.1            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS7       | 0.26 | 2.20     | Bottom  | 3.00       | 2.00      | 29.44           | 8.25 | 27.55         | 97.4  | 6.38     | 2.2            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS8       | 0.24 | 1.00     | Surface | 1.00       | 1.00      | 29.18           | 8.23 | 27.15         | 92.4  | 6.04     | 4.4            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS8       | 0.24 | 1.00     | Surface | 1.00       | 2.00      | 29.31           | 8.23 | 26.96         | 97.0  | 6.34     | 4.5            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS8       | 0.24 | 2.80     | Bottom  | 3.00       | 1.00      | 29.51           | 8.22 | 27.70         | 90.9  | 6.00     | 4.3            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS8       | 0.24 | 2.80     | Bottom  | 3.00       | 2.00      | 29.64           | 8.23 | 27.60         | 93.5  | 6.16     | 4.5            | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 0.26 | 1.00     | Surface | 1.00       | 1.00      | 29.11           | 8.24 | 26.96         | 99.8  | 6.55     | 4.7            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 0.26 | 1.00     | Surface | 1.00       | 2.00      | 29.08           | 8.24 | 27.15         | 95.0  | 6.24     | 4.8            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 0.26 | 2.70     | Bottom  | 3.00       | 1.00      | 29.30           | 8.23 | 27.61         | 93.3  | 6.17     | 4.8            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 0.26 | 2.70     | Bottom  | 3.00       | 2.00      | 29.40           | 8.23 | 27.35         | 96.1  | 6.35     | 4.7            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 0.26 | 1.00     | Surface | 1.00       | 1.00      | 28.69           | 7.74 | 28.32         | 84.1  | 5.55     | 2.3            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 0.26 | 1.00     | Surface | 1.00       | 2.00      | 28.80           | 7.77 | 28.39         | 85.0  | 5.58     | 2.3            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 0.26 | 5.40     | Middle  | 2.00       | 1.00      | 29.33           | 7.70 | 31.74         | 83.0  | 5.48     | 3.0            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 0.26 | 5.40     | Middle  | 2.00       | 2.00      | 29.33           | 7.74 | 31.64         | 81.9  | 5.40     | 2.9            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 0.26 | 9.70     | Bottom  | 3.00       | 1.00      | 29.32           | 7.70 | 32.38         | 81.7  | 5.24     | 3.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 0.26 | 9.70     | Bottom  | 3.00       | 2.00      | 29.27           | 7.72 | 32.43         | 80.5  | 5.17     | 3.2            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 0.28 | 1.00     | Surface | 1.00       | 1.00      | 29.22           | 8.27 | 27.93         | 98.1  | 6.45     | 4.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 0.28 | 1.00     | Surface | 1.00       | 2.00      | 29.23           | 8.26 | 27.93         | 93.6  | 6.15     | 4.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 0.28 | 2.40     | Bottom  | 3.00       | 1.00      | 29.16           | 8.27 | 27.96         | 94.8  | 6.23     | 4.7            | 7.9      |

## 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 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 0.28 | 2.40     | Bottom  | 3.00       | 2.00      | 29.20           | 8.26 | 27.97         | 92.7  | 6.08     | 4.8            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 0.25 | 1.00     | Surface | 1.00       | 1.00      | 29.54           | 8.19 | 27.19         | 94.6  | 6.21     | 4.1            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 0.25 | 1.00     | Surface | 1.00       | 2.00      | 29.53           | 8.19 | 27.13         | 87.3  | 5.73     | 4.2            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 0.25 | 2.70     | Bottom  | 3.00       | 1.00      | 29.56           | 8.19 | 27.22         | 85.2  | 5.59     | 4.1            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 0.25 | 2.70     | Bottom  | 3.00       | 2.00      | 29.56           | 8.20 | 27.09         | 84.2  | 5.53     | 4.1            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 0.27 | 1.00     | Surface | 1.00       | 1.00      | 28.76           | 7.78 | 28.31         | 82.3  | 5.43     | 2.3            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 0.27 | 1.00     | Surface | 1.00       | 2.00      | 28.76           | 7.80 | 28.30         | 81.9  | 5.40     | 2.2            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 0.27 | 4.30     | Middle  | 2.00       | 1.00      | 29.14           | 7.77 | 30.19         | 80.5  | 5.23     | 2.7            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 0.27 | 4.30     | Middle  | 2.00       | 2.00      | 29.29           | 7.78 | 30.62         | 80.6  | 5.21     | 2.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 0.27 | 7.60     | Bottom  | 3.00       | 1.00      | 29.18           | 7.77 | 32.55         | 83.1  | 5.33     | 2.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 0.27 | 7.60     | Bottom  | 3.00       | 2.00      | 29.33           | 7.75 | 32.41         | 80.9  | 5.17     | 3.0            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 0.22 | 1.00     | Surface | 1.00       | 1.00      | 29.05           | 7.72 | 33.05         | 82.2  | 5.26     | 1.8            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 0.22 | 1.00     | Surface | 1.00       | 2.00      | 29.05           | 7.71 | 33.06         | 82.4  | 5.27     | 1.8            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 0.22 | 6.90     | Middle  | 2.00       | 1.00      | 29.20           | 7.72 | 33.24         | 81.6  | 5.21     | 2.0            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 0.22 | 6.90     | Middle  | 2.00       | 2.00      | 29.19           | 7.72 | 33.23         | 81.6  | 5.21     | 2.1            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 0.22 | 12.80    | Bottom  | 3.00       | 1.00      | 29.21           | 7.72 | 33.49         | 81.9  | 5.21     | 2.0            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 0.22 | 12.80    | Bottom  | 3.00       | 2.00      | 29.23           | 7.72 | 33.53         | 81.7  | 5.20     | 2.0            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.21 | 1.00     | Surface | 1.00       | 1.00      | 29.03           | 7.72 | 33.04         | 85.2  | 5.45     | 1.8            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.21 | 1.00     | Surface | 1.00       | 2.00      | 29.10           | 7.75 | 33.07         | 86.8  | 5.55     | 1.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.21 | 3.50     | Middle  | 2.00       | 1.00      | 29.13           | 7.73 | 33.10         | 82.8  | 5.29     | 2.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.21 | 3.50     | Middle  | 2.00       | 2.00      | 29.11           | 7.71 | 33.09         | 83.2  | 5.31     | 2.4            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.21 | 6.00     | Bottom  | 3.00       | 1.00      | 29.16           | 7.72 | 33.14         | 82.7  | 5.29     | 2.4            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.21 | 6.00     | Bottom  | 3.00       | 2.00      | 29.15           | 7.71 | 33.13         | 83.7  | 5.36     | 2.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.31 | 1.00     | Surface | 1.00       | 1.00      | 28.47           | 7.74 | 30.35         | 92.0  | 6.04     | 2.8            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.31 | 1.00     | Surface | 1.00       | 2.00      | 28.49           | 7.81 | 30.37         | 91.5  | 6.00     | 2.7            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.31 | 3.70     | Middle  | 2.00       | 1.00      | 28.64           | 7.75 | 30.64         | 91.1  | 5.95     | 3.4            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.31 | 3.70     | Middle  | 2.00       | 2.00      | 28.61           | 7.78 | 30.74         | 90.3  | 5.90     | 3.2            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.31 | 6.40     | Bottom  | 3.00       | 1.00      | 28.94           | 7.76 | 32.46         | 90.9  | 5.85     | 4.3            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.31 | 6.40     | Bottom  | 3.00       | 2.00      | 28.91           | 7.75 | 33.16         | 92.6  | 5.94     | 4.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.22 | 1.00     | Surface | 1.00       | 1.00      | 29.11           | 8.19 | 28.46         | 84.7  | 5.54     | 2.1            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.22 | 1.00     | Surface | 1.00       | 2.00      | 29.10           | 8.21 | 28.75         | 85.1  | 5.57     | 2.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.22 | 6.10     | Middle  | 2.00       | 1.00      | 29.37           | 8.16 | 30.60         | 84.5  | 5.45     | 2.1            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.22 | 6.10     | Middle  | 2.00       | 2.00      | 29.34           | 8.19 | 30.86         | 83.8  | 5.38     | 2.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.22 | 11.20    | Bottom  | 3.00       | 1.00      | 29.42           | 8.13 | 31.01         | 82.7  | 5.34     | 2.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.22 | 11.20    | Bottom  | 3.00       | 2.00      | 29.42           | 8.18 | 31.50         | 82.3  | 5.31     | 2.2            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS5       | 0.57 | 1.00     | Surface | 1.00       | 1.00      | 29.77           | 8.25 | 26.95         | 99.0  | 6.48     | 4.7            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS5       | 0.57 | 1.00     | Surface | 1.00       | 2.00      | 29.75           | 8.25 | 27.14         | 98.1  | 6.41     | 5.0            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS5       | 0.57 | 4.50     | Middle  | 2.00       | 1.00      | 29.72           | 8.24 | 27.25         | 97.6  | 6.38     | 5.1            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS5       | 0.57 | 4.50     | Middle  | 2.00       | 2.00      | 29.75           | 8.25 | 26.99         | 97.6  | 6.39     | 5.1            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS5       | 0.57 | 8.00     | Bottom  | 3.00       | 1.00      | 29.68           | 8.24 | 27.44         | 98.1  | 6.41     | 5.8            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS5       | 0.57 | 8.00     | Bottom  | 3.00       | 2.00      | 29.67           | 8.25 | 27.17         | 97.4  | 6.38     | 5.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)6   | 0.58 | 1.00     | Surface | 1.00       | 1.00      | 29.84           | 8.26 | 27.60         | 102.3 | 6.66     | 7.8            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)6   | 0.58 | 1.00     | Surface | 1.00       | 2.00      | 29.84           | 8.26 | 27.48         | 102.5 | 6.68     | 7.6            | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)6   | 0.58 | 2.10     | Bottom  | 3.00       | 1.00      | 29.83           | 8.26 | 27.64         | 102.4 | 6.67     | 7.9            | 14.5     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)6   | 0.58 | 2.10     | Bottom  | 3.00       | 2.00      | 29.83           | 8.27 | 27.37         | 101.9 | 6.65     | 7.6            | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS7       | 0.59 | 1.00     | Surface | 1.00       | 1.00      | 29.97           | 8.27 | 27.73         | 102.1 | 6.63     | 5.0            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS7       | 0.59 | 1.00     | Surface | 1.00       | 2.00      | 29.97           | 8.27 | 27.60         | 102.3 | 6.65     | 5.0            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS7       | 0.59 | 2.50     | Bottom  | 3.00       | 1.00      | 29.84           | 8.29 | 27.39         | 102.4 | 6.67     | 3.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS7       | 0.59 | 2.50     | Bottom  | 3.00       | 2.00      | 29.93           | 8.27 | 27.67         | 102.2 | 6.64     | 3.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS8       | 0.61 | 1.00     | Surface | 1.00       | 1.00      | 29.49           | 8.27 | 28.05         | 99.0  | 6.47     | 3.0            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS8       | 0.61 | 1.00     | Surface | 1.00       | 2.00      | 29.49           | 8.26 | 28.19         | 97.3  | 6.35     | 2.9            | 5.9      |

## 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 | 2017-10-13        | Mid-Flood | Sunny             | IS8       | 0.61 | 3.40     | Bottom  | 3.00       | 1.00      | 29.47           | 8.29 | 27.97         | 100.4 | 6.56     | 2.9            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS8       | 0.61 | 3.40     | Bottom  | 3.00       | 2.00      | 29.48           | 8.27 | 28.18         | 97.6  | 6.37     | 2.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)9   | 0.60 | 1.00     | Surface | 1.00       | 1.00      | 29.42           | 8.24 | 27.95         | 90.5  | 5.93     | 9.5            | 12.4     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)9   | 0.60 | 1.00     | Surface | 1.00       | 2.00      | 29.45           | 8.23 | 27.93         | 90.3  | 5.91     | 9.8            | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)9   | 0.60 | 3.00     | Bottom  | 3.00       | 1.00      | 29.41           | 8.23 | 28.18         | 90.5  | 5.92     | 11.1           | 13.4     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS(Mf)9   | 0.60 | 3.00     | Bottom  | 3.00       | 2.00      | 29.41           | 8.23 | 28.18         | 90.5  | 5.92     | 11.2           | 12.5     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS10(N)   | 0.60 | 1.00     | Surface | 1.00       | 1.00      | 29.33           | 7.89 | 29.39         | 88.6  | 5.76     | 3.2            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS10(N)   | 0.60 | 1.00     | Surface | 1.00       | 2.00      | 29.33           | 7.87 | 29.40         | 88.4  | 5.70     | 3.5            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS10(N)   | 0.60 | 5.40     | Middle  | 2.00       | 1.00      | 29.26           | 7.84 | 31.13         | 88.1  | 5.73     | 5.6            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS10(N)   | 0.60 | 5.40     | Middle  | 2.00       | 2.00      | 29.25           | 7.86 | 31.02         | 85.4  | 5.49     | 5.6            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS10(N)   | 0.60 | 9.70     | Bottom  | 3.00       | 1.00      | 29.27           | 7.84 | 31.21         | 83.2  | 5.36     | 5.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | IS10(N)   | 0.60 | 9.70     | Bottom  | 3.00       | 2.00      | 29.28           | 7.85 | 31.57         | 81.0  | 5.23     | 5.0            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR3(N)    | 0.56 | 1.00     | Surface | 1.00       | 1.00      | 29.69           | 8.29 | 24.95         | 98.9  | 6.56     | 4.2            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR3(N)    | 0.56 | 1.00     | Surface | 1.00       | 2.00      | 29.68           | 8.25 | 25.47         | 97.8  | 6.46     | 4.4            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR3(N)    | 0.56 | 3.20     | Bottom  | 3.00       | 1.00      | 29.68           | 8.25 | 25.39         | 98.0  | 6.48     | 4.2            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR3(N)    | 0.56 | 3.20     | Bottom  | 3.00       | 2.00      | 29.69           | 8.37 | 24.58         | 98.3  | 6.52     | 4.2            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR4(N)    | 0.61 | 1.00     | Surface | 1.00       | 1.00      | 29.55           | 8.24 | 27.94         | 93.1  | 6.08     | 6.8            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR4(N)    | 0.61 | 1.00     | Surface | 1.00       | 2.00      | 29.51           | 8.24 | 28.01         | 93.7  | 6.12     | 6.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR4(N)    | 0.61 | 3.00     | Bottom  | 3.00       | 1.00      | 29.53           | 8.23 | 28.07         | 93.0  | 6.07     | 7.0            | 12.2     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR4(N)    | 0.61 | 3.00     | Bottom  | 3.00       | 2.00      | 29.47           | 8.25 | 28.11         | 94.7  | 6.19     | 7.2            | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR5(N)    | 0.59 | 1.00     | Surface | 1.00       | 1.00      | 29.32           | 7.86 | 29.40         | 90.1  | 5.86     | 3.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR5(N)    | 0.59 | 1.00     | Surface | 1.00       | 2.00      | 29.32           | 7.82 | 29.39         | 91.5  | 5.89     | 3.4            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR5(N)    | 0.59 | 4.30     | Middle  | 2.00       | 1.00      | 29.27           | 7.82 | 30.97         | 88.5  | 5.69     | 4.7            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR5(N)    | 0.59 | 4.30     | Middle  | 2.00       | 2.00      | 29.25           | 7.82 | 30.90         | 88.7  | 5.77     | 4.5            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR5(N)    | 0.59 | 7.50     | Bottom  | 3.00       | 1.00      | 29.28           | 7.80 | 31.33         | 85.6  | 5.53     | 4.8            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR5(N)    | 0.59 | 7.50     | Bottom  | 3.00       | 2.00      | 29.29           | 7.82 | 31.52         | 85.4  | 5.51     | 4.5            | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10A(N)  | 0.64 | 1.00     | Surface | 1.00       | 1.00      | 29.25           | 7.89 | 33.55         | 86.0  | 5.46     | 4.1            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10A(N)  | 0.64 | 1.00     | Surface | 1.00       | 2.00      | 29.25           | 7.83 | 33.39         | 88.1  | 5.59     | 4.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10A(N)  | 0.64 | 6.60     | Middle  | 2.00       | 1.00      | 29.24           | 7.88 | 33.94         | 83.4  | 5.30     | 5.9            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10A(N)  | 0.64 | 6.60     | Middle  | 2.00       | 2.00      | 29.24           | 7.78 | 33.95         | 84.6  | 5.39     | 6.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10A(N)  | 0.64 | 12.20    | Bottom  | 3.00       | 1.00      | 29.25           | 7.86 | 33.88         | 82.9  | 5.27     | 4.9            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10A(N)  | 0.64 | 12.20    | Bottom  | 3.00       | 2.00      | 29.25           | 7.76 | 33.94         | 83.0  | 5.27     | 5.2            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10B(N2) | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 29.24           | 7.90 | 33.39         | 82.7  | 5.27     | 3.0            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10B(N2) | 0.65 | 1.00     | Surface | 1.00       | 2.00      | 29.24           | 7.90 | 33.25         | 83.4  | 5.32     | 2.8            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10B(N2) | 0.65 | 3.40     | Middle  | 2.00       | 1.00      | 29.25           | 7.88 | 33.66         | 82.5  | 5.24     | 3.5            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10B(N2) | 0.65 | 3.40     | Middle  | 2.00       | 2.00      | 29.24           | 7.90 | 33.72         | 82.3  | 5.23     | 3.7            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10B(N2) | 0.65 | 5.70     | Bottom  | 3.00       | 1.00      | 29.24           | 7.90 | 33.74         | 82.7  | 5.26     | 4.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | SR10B(N2) | 0.65 | 5.70     | Bottom  | 3.00       | 2.00      | 29.25           | 7.85 | 33.86         | 81.9  | 5.20     | 4.2            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS2(A)    | 0.55 | 1.00     | Surface | 1.00       | 1.00      | 29.32           | 7.88 | 29.21         | 90.0  | 5.86     | 4.5            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS2(A)    | 0.55 | 1.00     | Surface | 1.00       | 2.00      | 29.31           | 7.86 | 29.25         | 90.1  | 5.86     | 4.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS2(A)    | 0.55 | 3.60     | Middle  | 2.00       | 1.00      | 29.17           | 7.87 | 30.48         | 88.2  | 5.71     | 5.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS2(A)    | 0.55 | 3.60     | Middle  | 2.00       | 2.00      | 29.13           | 7.85 | 30.34         | 89.0  | 5.78     | 5.7            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS2(A)    | 0.55 | 6.20     | Bottom  | 3.00       | 1.00      | 29.11           | 7.87 | 30.71         | 87.8  | 5.69     | 7.0            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS2(A)    | 0.55 | 6.20     | Bottom  | 3.00       | 2.00      | 29.09           | 7.85 | 31.30         | 89.0  | 5.75     | 6.8            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS(Mf)5   | 0.63 | 1.00     | Surface | 1.00       | 1.00      | 29.34           | 8.24 | 29.96         | 85.2  | 5.50     | 6.7            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS(Mf)5   | 0.63 | 1.00     | Surface | 1.00       | 2.00      | 29.34           | 8.24 | 30.08         | 84.9  | 5.44     | 6.6            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS(Mf)5   | 0.63 | 6.40     | Middle  | 2.00       | 1.00      | 29.33           | 8.23 | 31.94         | 84.8  | 5.47     | 13.3           | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS(Mf)5   | 0.63 | 6.40     | Middle  | 2.00       | 2.00      | 29.33           | 8.23 | 32.12         | 83.5  | 5.41     | 13.1           | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS(Mf)5   | 0.63 | 11.80    | Bottom  | 3.00       | 1.00      | 29.33           | 8.23 | 32.09         | 83.1  | 5.32     | 16.4           | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-13        | Mid-Flood | Sunny             | CS(Mf)5   | 0.63 | 11.80    | Bottom  | 3.00       | 2.00      | 29.33           | 8.23 | 31.82         | 83.9  | 5.38     | 17.1           | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | IS5       | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 26.92           | 8.27 | 29.46         | 95.3  | 6.39     | 7.1            | 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 | 2017-10-16        | Mid-Ebb | Cloudy            | IS5       | 0.44 | 1.00     | Surface | 1.00       | 2.00      | 26.93           | 8.27 | 29.51         | 92.8  | 6.26     | 7.1            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS5       | 0.44 | 4.40     | Middle  | 2.00       | 1.00      | 26.90           | 8.28 | 29.99         | 93.9  | 6.34     | 7.5            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS5       | 0.44 | 4.40     | Middle  | 2.00       | 2.00      | 26.91           | 8.28 | 30.05         | 92.6  | 6.24     | 7.4            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS5       | 0.44 | 7.70     | Bottom  | 3.00       | 1.00      | 26.93           | 8.27 | 31.28         | 92.5  | 6.21     | 7.6            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS5       | 0.44 | 7.70     | Bottom  | 3.00       | 2.00      | 26.94           | 8.28 | 31.06         | 93.5  | 6.32     | 7.5            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)6   | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 27.10           | 8.25 | 29.19         | 93.9  | 6.34     | 18.3           | 26.3     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)6   | 0.44 | 1.00     | Surface | 1.00       | 2.00      | 27.04           | 8.26 | 29.28         | 95.1  | 6.42     | 18.9           | 24.7     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)6   | 0.44 | 2.20     | Bottom  | 3.00       | 1.00      | 27.07           | 8.26 | 29.32         | 93.6  | 6.33     | 18.6           | 24.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)6   | 0.44 | 2.20     | Bottom  | 3.00       | 2.00      | 27.00           | 8.26 | 29.50         | 94.6  | 6.39     | 18.8           | 24.7     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS7       | 0.43 | 1.00     | Surface | 1.00       | 1.00      | 27.22           | 8.25 | 28.78         | 93.7  | 6.31     | 3.8            | 2.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS7       | 0.43 | 1.00     | Surface | 1.00       | 2.00      | 27.22           | 8.24 | 28.80         | 91.7  | 6.19     | 3.9            | 2.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS7       | 0.43 | 2.20     | Bottom  | 3.00       | 1.00      | 27.22           | 8.24 | 29.00         | 91.2  | 6.16     | 4.4            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS7       | 0.43 | 2.20     | Bottom  | 3.00       | 2.00      | 27.27           | 8.24 | 29.23         | 91.6  | 6.19     | 4.6            | 2.5      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS8       | 0.41 | 1.00     | Surface | 1.00       | 1.00      | 27.43           | 8.26 | 29.26         | 91.7  | 6.16     | 10.4           | 17.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS8       | 0.41 | 1.00     | Surface | 1.00       | 2.00      | 27.44           | 8.25 | 29.36         | 93.7  | 6.26     | 10.7           | 18.3     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS8       | 0.41 | 3.00     | Bottom  | 3.00       | 1.00      | 27.60           | 8.28 | 29.72         | 90.2  | 6.04     | 11.5           | 18.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS8       | 0.41 | 3.00     | Bottom  | 3.00       | 2.00      | 27.49           | 8.25 | 29.66         | 90.3  | 6.06     | 11.8           | 18.4     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)9   | 0.43 | 1.00     | Surface | 1.00       | 1.00      | 27.25           | 8.24 | 29.17         | 97.5  | 6.56     | 4.8            | 2.9      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)9   | 0.43 | 1.00     | Surface | 1.00       | 2.00      | 27.26           | 8.25 | 29.15         | 94.5  | 6.36     | 4.7            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)9   | 0.43 | 2.70     | Bottom  | 3.00       | 1.00      | 27.22           | 8.24 | 29.34         | 95.1  | 6.41     | 4.8            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS(Mf)9   | 0.43 | 2.70     | Bottom  | 3.00       | 2.00      | 27.25           | 8.24 | 29.49         | 93.2  | 6.28     | 4.6            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS10(N)   | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 27.25           | 7.86 | 34.45         | 92.7  | 6.07     | 4.1            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS10(N)   | 0.44 | 1.00     | Surface | 1.00       | 2.00      | 27.26           | 7.83 | 34.46         | 92.9  | 6.07     | 3.9            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS10(N)   | 0.44 | 5.30     | Middle  | 2.00       | 1.00      | 27.08           | 7.85 | 34.52         | 91.5  | 6.00     | 6.9            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS10(N)   | 0.44 | 5.30     | Middle  | 2.00       | 2.00      | 27.04           | 7.80 | 34.50         | 92.1  | 6.04     | 6.9            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS10(N)   | 0.44 | 9.60     | Bottom  | 3.00       | 1.00      | 27.02           | 7.80 | 34.56         | 92.4  | 6.06     | 7.0            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | IS10(N)   | 0.44 | 9.60     | Bottom  | 3.00       | 2.00      | 27.04           | 7.84 | 34.59         | 91.7  | 6.02     | 7.2            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR3(N)    | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 27.00           | 8.26 | 29.03         | 92.8  | 6.29     | 3.7            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR3(N)    | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 26.99           | 8.26 | 28.99         | 94.1  | 6.36     | 3.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR3(N)    | 0.45 | 2.60     | Bottom  | 3.00       | 1.00      | 26.91           | 8.26 | 29.68         | 93.3  | 6.32     | 3.5            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR3(N)    | 0.45 | 2.60     | Bottom  | 3.00       | 2.00      | 26.93           | 8.26 | 29.43         | 92.7  | 6.27     | 3.5            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR4(N)    | 0.42 | 1.00     | Surface | 1.00       | 1.00      | 26.96           | 8.21 | 27.22         | 88.7  | 5.96     | 3.9            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR4(N)    | 0.42 | 1.00     | Surface | 1.00       | 2.00      | 27.00           | 8.22 | 27.56         | 93.8  | 6.30     | 3.9            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR4(N)    | 0.42 | 2.70     | Bottom  | 3.00       | 1.00      | 27.37           | 8.20 | 29.36         | 87.1  | 5.91     | 3.9            | 3.0      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR4(N)    | 0.42 | 2.70     | Bottom  | 3.00       | 2.00      | 27.45           | 8.22 | 28.99         | 90.1  | 6.15     | 3.8            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR5(N)    | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 27.15           | 7.84 | 34.46         | 92.2  | 6.04     | 4.9            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR5(N)    | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 27.19           | 7.87 | 34.45         | 93.2  | 6.11     | 4.7            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR5(N)    | 0.45 | 4.20     | Middle  | 2.00       | 1.00      | 27.10           | 7.86 | 34.48         | 92.0  | 6.03     | 6.0            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR5(N)    | 0.45 | 4.20     | Middle  | 2.00       | 2.00      | 27.06           | 7.84 | 34.51         | 92.2  | 6.05     | 6.2            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR5(N)    | 0.45 | 7.40     | Bottom  | 3.00       | 1.00      | 27.03           | 7.84 | 34.55         | 92.4  | 6.06     | 6.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR5(N)    | 0.45 | 7.40     | Bottom  | 3.00       | 2.00      | 27.05           | 7.85 | 34.53         | 92.3  | 6.06     | 6.2            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10A(N)  | 0.40 | 1.00     | Surface | 1.00       | 1.00      | 28.01           | 7.75 | 35.46         | 88.1  | 5.66     | 3.7            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10A(N)  | 0.40 | 1.00     | Surface | 1.00       | 2.00      | 28.01           | 7.76 | 35.46         | 87.8  | 5.64     | 4.0            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10A(N)  | 0.40 | 6.80     | Middle  | 2.00       | 1.00      | 28.01           | 7.75 | 35.46         | 88.2  | 5.67     | 3.7            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10A(N)  | 0.40 | 6.80     | Middle  | 2.00       | 2.00      | 28.00           | 7.74 | 35.46         | 88.0  | 5.66     | 3.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10A(N)  | 0.40 | 12.60    | Bottom  | 3.00       | 1.00      | 28.00           | 7.75 | 35.47         | 87.9  | 5.65     | 3.4            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10A(N)  | 0.40 | 12.60    | Bottom  | 3.00       | 2.00      | 28.01           | 7.74 | 35.46         | 88.0  | 5.65     | 3.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10B(N2) | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 28.00           | 7.76 | 35.48         | 94.8  | 6.09     | 4.4            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10B(N2) | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 28.00           | 7.75 | 35.47         | 92.9  | 5.97     | 4.2            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10B(N2) | 0.39 | 3.30     | Middle  | 2.00       | 1.00      | 27.99           | 7.76 | 35.49         | 90.3  | 5.80     | 4.7            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb | Cloudy            | SR10B(N2) | 0.39 | 3.30     | Middle  | 2.00       | 2.00      | 28.00           | 7.77 | 35.47         | 88.9  | 5.71     | 4.5            | 5.7      |

## 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 | 2017-10-16        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.39 | 5.60     | Bottom  | 3.00       | 1.00      | 28.00           | 7.78 | 35.47         | 89.1  | 5.72     | 4.3            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | SR10B(N2) | 0.39 | 5.60     | Bottom  | 3.00       | 2.00      | 27.99           | 7.75 | 35.49         | 88.5  | 5.69     | 4.7            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 27.19           | 7.88 | 35.16         | 93.1  | 6.07     | 14.2           | 14.3     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 27.22           | 7.85 | 35.16         | 93.0  | 6.06     | 14.0           | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.49 | 3.80     | Middle  | 2.00       | 1.00      | 27.15           | 7.79 | 35.17         | 93.3  | 6.09     | 15.3           | 15.2     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.49 | 3.80     | Middle  | 2.00       | 2.00      | 27.15           | 7.85 | 35.16         | 92.4  | 6.03     | 14.9           | 16.5     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.49 | 6.50     | Bottom  | 3.00       | 1.00      | 27.16           | 7.86 | 35.17         | 92.4  | 6.03     | 15.2           | 17.7     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS2(A)    | 0.49 | 6.50     | Bottom  | 3.00       | 2.00      | 27.17           | 7.82 | 35.17         | 94.4  | 6.16     | 14.5           | 18.1     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 28.14           | 8.27 | 31.72         | 90.9  | 5.95     | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 28.14           | 8.26 | 31.78         | 93.3  | 6.10     | 3.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.39 | 6.40     | Middle  | 2.00       | 1.00      | 28.16           | 8.26 | 31.91         | 92.3  | 6.03     | 3.5            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.39 | 6.40     | Middle  | 2.00       | 2.00      | 28.16           | 8.27 | 31.84         | 90.8  | 5.94     | 3.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.39 | 11.70    | Bottom  | 3.00       | 1.00      | 28.16           | 8.27 | 31.87         | 90.7  | 5.93     | 3.6            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 0.39 | 11.70    | Bottom  | 3.00       | 2.00      | 28.16           | 8.25 | 31.94         | 92.0  | 6.02     | 3.5            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS5       | 0.68 | 1.00     | Surface | 1.00       | 1.00      | 27.58           | 8.28 | 28.62         | 91.5  | 6.14     | 8.1            | 12.2     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS5       | 0.68 | 1.00     | Surface | 1.00       | 2.00      | 27.57           | 8.28 | 28.77         | 94.5  | 6.34     | 8.2            | 13.5     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS5       | 0.68 | 4.40     | Middle  | 2.00       | 1.00      | 27.49           | 8.29 | 29.15         | 92.4  | 6.21     | 7.6            | 12.0     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS5       | 0.68 | 4.40     | Middle  | 2.00       | 2.00      | 27.44           | 8.28 | 29.26         | 91.3  | 6.12     | 7.8            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS5       | 0.68 | 7.80     | Bottom  | 3.00       | 1.00      | 27.42           | 8.29 | 29.51         | 92.4  | 6.20     | 8.1            | 12.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS5       | 0.68 | 7.80     | Bottom  | 3.00       | 2.00      | 27.44           | 8.28 | 29.51         | 90.5  | 6.08     | 8.2            | 12.6     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 27.60           | 8.27 | 28.76         | 94.3  | 6.32     | 4.7            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 27.62           | 8.27 | 28.82         | 96.5  | 6.48     | 4.9            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.69 | 2.40     | Bottom  | 3.00       | 1.00      | 27.59           | 8.27 | 28.99         | 93.6  | 6.29     | 4.7            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)6   | 0.69 | 2.40     | Bottom  | 3.00       | 2.00      | 27.60           | 8.28 | 28.59         | 96.4  | 6.48     | 4.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS7       | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 27.71           | 8.28 | 29.16         | 93.3  | 6.23     | 6.4            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS7       | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 27.71           | 8.28 | 29.10         | 96.1  | 6.41     | 6.4            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS7       | 0.69 | 2.30     | Bottom  | 3.00       | 1.00      | 27.77           | 8.28 | 29.52         | 94.5  | 6.33     | 6.6            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS7       | 0.69 | 2.30     | Bottom  | 3.00       | 2.00      | 27.74           | 8.28 | 29.44         | 92.9  | 6.21     | 6.8            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS8       | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 27.88           | 8.31 | 30.53         | 94.3  | 6.24     | 17.1           | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS8       | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 27.88           | 8.31 | 30.48         | 96.7  | 6.40     | 17.6           | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS8       | 0.71 | 3.40     | Bottom  | 3.00       | 1.00      | 27.89           | 8.31 | 30.54         | 93.6  | 6.20     | 17.5           | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS8       | 0.71 | 3.40     | Bottom  | 3.00       | 2.00      | 27.88           | 8.31 | 30.48         | 95.3  | 6.31     | 17.5           | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 27.89           | 8.30 | 29.89         | 93.7  | 6.19     | 10.3           | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 27.94           | 8.30 | 30.19         | 98.2  | 6.49     | 10.5           | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.70 | 2.70     | Bottom  | 3.00       | 1.00      | 27.98           | 8.30 | 30.55         | 95.0  | 6.29     | 10.3           | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS(Mf)9   | 0.70 | 2.70     | Bottom  | 3.00       | 2.00      | 27.98           | 8.30 | 30.50         | 92.6  | 6.15     | 10.4           | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS10(N)   | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 27.44           | 7.84 | 34.52         | 90.9  | 5.92     | 13.9           | 19.7     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS10(N)   | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 27.45           | 7.85 | 34.52         | 91.0  | 5.93     | 13.6           | 19.4     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS10(N)   | 0.71 | 5.30     | Middle  | 2.00       | 1.00      | 27.45           | 7.85 | 34.52         | 91.1  | 5.94     | 14.7           | 19.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS10(N)   | 0.71 | 5.30     | Middle  | 2.00       | 2.00      | 27.44           | 7.83 | 34.52         | 91.0  | 5.93     | 14.2           | 18.1     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS10(N)   | 0.71 | 9.50     | Bottom  | 3.00       | 1.00      | 27.45           | 7.85 | 34.52         | 90.5  | 5.90     | 15.5           | 20.4     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | IS10(N)   | 0.71 | 9.50     | Bottom  | 3.00       | 2.00      | 27.45           | 7.82 | 34.53         | 90.8  | 5.92     | 15.6           | 21.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR3(N)    | 0.67 | 1.00     | Surface | 1.00       | 1.00      | 27.47           | 8.28 | 27.84         | 98.1  | 6.65     | 11.5           | 17.0     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR3(N)    | 0.67 | 1.00     | Surface | 1.00       | 2.00      | 27.48           | 8.27 | 27.96         | 93.8  | 6.35     | 11.4           | 17.4     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR3(N)    | 0.67 | 2.50     | Bottom  | 3.00       | 1.00      | 27.42           | 8.33 | 27.69         | 94.8  | 6.41     | 11.6           | 16.8     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR3(N)    | 0.67 | 2.50     | Bottom  | 3.00       | 2.00      | 27.45           | 8.28 | 27.95         | 93.4  | 6.31     | 11.4           | 16.2     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR4(N)    | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 28.08           | 8.30 | 30.69         | 92.4  | 6.09     | 6.5            | 13.2     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR4(N)    | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 28.07           | 8.31 | 30.67         | 97.3  | 6.41     | 6.5            | 14.4     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR4(N)    | 0.71 | 2.90     | Bottom  | 3.00       | 1.00      | 28.08           | 8.31 | 30.70         | 94.6  | 6.23     | 6.4            | 14.1     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR4(N)    | 0.71 | 2.90     | Bottom  | 3.00       | 2.00      | 28.08           | 8.30 | 30.72         | 91.2  | 6.01     | 6.3            | 13.1     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR5(N)    | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 27.43           | 7.81 | 34.53         | 94.8  | 6.18     | 15.6           | 18.7     |

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 | 2017-10-16        | Mid-Flood | Cloudy            | SR5(N)    | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 27.44           | 7.79 | 34.53         | 92.5  | 6.03     | 16.7           | 18.8     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR5(N)    | 0.70 | 4.30     | Middle  | 2.00       | 1.00      | 27.44           | 7.78 | 34.53         | 92.1  | 6.01     | 16.8           | 19.8     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR5(N)    | 0.70 | 4.30     | Middle  | 2.00       | 2.00      | 27.44           | 7.81 | 34.53         | 91.0  | 5.93     | 16.7           | 19.0     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR5(N)    | 0.70 | 7.60     | Bottom  | 3.00       | 1.00      | 27.44           | 7.78 | 34.54         | 91.4  | 5.96     | 17.3           | 20.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR5(N)    | 0.70 | 7.60     | Bottom  | 3.00       | 2.00      | 27.44           | 7.80 | 34.53         | 91.3  | 5.95     | 15.5           | 20.8     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10A(N)  | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 27.95           | 7.83 | 35.32         | 95.2  | 6.12     | 6.1            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10A(N)  | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 27.98           | 7.85 | 35.33         | 92.8  | 5.96     | 6.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10A(N)  | 0.75 | 6.80     | Middle  | 2.00       | 1.00      | 28.01           | 7.83 | 35.38         | 88.0  | 5.66     | 6.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10A(N)  | 0.75 | 6.80     | Middle  | 2.00       | 2.00      | 28.01           | 7.83 | 35.38         | 90.1  | 5.80     | 6.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10A(N)  | 0.75 | 12.50    | Bottom  | 3.00       | 1.00      | 27.99           | 7.82 | 35.39         | 88.2  | 5.67     | 7.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10A(N)  | 0.75 | 12.50    | Bottom  | 3.00       | 2.00      | 28.01           | 7.82 | 35.38         | 88.9  | 5.71     | 7.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10B(N2) | 0.76 | 1.00     | Surface | 1.00       | 1.00      | 27.99           | 7.87 | 35.34         | 87.9  | 5.65     | 6.5            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10B(N2) | 0.76 | 1.00     | Surface | 1.00       | 2.00      | 27.98           | 7.91 | 35.33         | 88.2  | 5.67     | 6.0            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10B(N2) | 0.76 | 3.30     | Middle  | 2.00       | 1.00      | 28.01           | 7.90 | 35.36         | 88.1  | 5.66     | 6.5            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10B(N2) | 0.76 | 3.30     | Middle  | 2.00       | 2.00      | 28.02           | 7.86 | 35.37         | 87.9  | 5.65     | 6.6            | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10B(N2) | 0.76 | 5.60     | Bottom  | 3.00       | 1.00      | 28.02           | 7.85 | 35.38         | 87.6  | 5.63     | 6.7            | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | SR10B(N2) | 0.76 | 5.60     | Bottom  | 3.00       | 2.00      | 28.01           | 7.87 | 35.37         | 88.1  | 5.66     | 6.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS2(A)    | 0.66 | 1.00     | Surface | 1.00       | 1.00      | 27.10           | 7.84 | 34.58         | 93.1  | 6.11     | 14.4           | 25.3     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS2(A)    | 0.66 | 1.00     | Surface | 1.00       | 2.00      | 27.09           | 7.81 | 34.57         | 93.4  | 6.12     | 14.7           | 25.8     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS2(A)    | 0.66 | 3.90     | Middle  | 2.00       | 1.00      | 27.11           | 7.82 | 34.60         | 92.8  | 6.08     | 14.8           | 24.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS2(A)    | 0.65 | 3.90     | Middle  | 2.00       | 2.00      | 27.11           | 7.82 | 34.62         | 93.9  | 6.15     | 15.5           | 23.5     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS2(A)    | 0.65 | 6.70     | Bottom  | 3.00       | 1.00      | 27.12           | 7.82 | 34.69         | 95.0  | 6.22     | 15.6           | 24.0     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS2(A)    | 0.66 | 6.70     | Bottom  | 3.00       | 2.00      | 27.12           | 7.81 | 34.63         | 93.0  | 6.09     | 15.3           | 24.0     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.73 | 1.00     | Surface | 1.00       | 1.00      | 28.15           | 8.32 | 31.33         | 90.2  | 5.92     | 12.4           | 15.4     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.73 | 1.00     | Surface | 1.00       | 2.00      | 28.15           | 8.33 | 31.26         | 93.7  | 6.15     | 12.6           | 14.2     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.73 | 6.50     | Middle  | 2.00       | 1.00      | 28.15           | 8.33 | 31.46         | 91.8  | 6.02     | 12.5           | 16.4     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.73 | 6.50     | Middle  | 2.00       | 2.00      | 28.15           | 8.32 | 31.50         | 90.0  | 5.90     | 12.5           | 15.6     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.73 | 12.00    | Bottom  | 3.00       | 1.00      | 28.16           | 8.32 | 31.46         | 90.0  | 5.90     | 12.5           | 19.9     |
| HKLR    | HY/2011/03 | 2017-10-16        | Mid-Flood | Cloudy            | CS(Mf)5   | 0.73 | 12.00    | Bottom  | 3.00       | 2.00      | 28.15           | 8.33 | 31.40         | 91.0  | 5.97     | 12.8           | 19.2     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 27.49           | 8.28 | 31.15         | 94.2  | 6.25     | 10.5           | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 27.49           | 8.28 | 31.15         | 93.3  | 6.19     | 10.3           | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 4.50     | Middle  | 2.00       | 1.00      | 27.43           | 8.29 | 31.42         | 94.6  | 6.27     | 13.4           | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 4.50     | Middle  | 2.00       | 2.00      | 27.40           | 8.28 | 31.50         | 93.1  | 6.18     | 13.4           | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 8.00     | Bottom  | 3.00       | 1.00      | 27.37           | 8.29 | 31.65         | 96.1  | 6.37     | 15.7           | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS5       | 0.52 | 8.00     | Bottom  | 3.00       | 2.00      | 27.36           | 8.28 | 31.68         | 93.1  | 6.18     | 15.2           | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 27.54           | 8.27 | 30.49         | 91.1  | 6.07     | 12.6           | 13.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 27.49           | 8.27 | 30.58         | 90.6  | 6.03     | 12.7           | 12.6     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.52 | 2.30     | Bottom  | 3.00       | 1.00      | 27.46           | 8.27 | 30.66         | 91.6  | 6.10     | 15.9           | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.52 | 2.30     | Bottom  | 3.00       | 2.00      | 27.46           | 8.27 | 30.68         | 90.7  | 6.04     | 15.8           | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 1.00     | Surface | 1.00       | 1.00      | 27.45           | 8.25 | 30.30         | 93.4  | 6.24     | 4.4            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 1.00     | Surface | 1.00       | 2.00      | 27.50           | 8.25 | 30.28         | 92.7  | 6.18     | 4.4            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 2.20     | Bottom  | 3.00       | 1.00      | 27.34           | 8.24 | 30.46         | 94.4  | 6.31     | 7.4            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS7       | 0.51 | 2.20     | Bottom  | 3.00       | 2.00      | 27.38           | 8.24 | 30.48         | 93.0  | 6.21     | 7.7            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 27.62           | 8.28 | 30.36         | 92.6  | 6.15     | 6.7            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 27.61           | 8.29 | 30.14         | 94.4  | 6.29     | 6.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 3.80     | Bottom  | 3.00       | 1.00      | 27.53           | 8.28 | 30.96         | 92.1  | 6.13     | 8.0            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS8       | 0.49 | 3.80     | Bottom  | 3.00       | 2.00      | 27.52           | 8.30 | 30.84         | 96.2  | 6.40     | 8.2            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 27.53           | 8.27 | 30.33         | 95.7  | 6.37     | 2.6            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 1.00     | Surface | 1.00       | 2.00      | 27.55           | 8.27 | 30.26         | 96.9  | 6.46     | 2.5            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 3.10     | Bottom  | 3.00       | 1.00      | 27.62           | 8.28 | 30.31         | 98.3  | 6.54     | 2.8            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.50 | 3.10     | Bottom  | 3.00       | 2.00      | 27.52           | 8.27 | 30.39         | 96.2  | 6.41     | 2.8            | 3.7      |

## 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 | 2017-10-18        | Mid-Ebb   | Sunny             | IS10(N)   | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 27.64           | 7.86 | 34.73         | 89.9  | 5.84     | 5.3            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS10(N)   | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 27.63           | 7.85 | 34.75         | 90.7  | 5.89     | 5.6            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS10(N)   | 0.49 | 5.30     | Middle  | 2.00       | 1.00      | 27.43           | 7.86 | 34.82         | 89.6  | 5.83     | 6.7            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS10(N)   | 0.49 | 5.30     | Middle  | 2.00       | 2.00      | 27.43           | 7.83 | 34.84         | 90.7  | 5.90     | 6.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS10(N)   | 0.49 | 9.60     | Bottom  | 3.00       | 1.00      | 27.44           | 7.81 | 34.86         | 91.7  | 5.97     | 7.6            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | IS10(N)   | 0.49 | 9.60     | Bottom  | 3.00       | 2.00      | 27.54           | 7.85 | 34.76         | 90.4  | 5.88     | 7.3            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR3(N)    | 0.53 | 1.00     | Surface | 1.00       | 1.00      | 27.77           | 8.28 | 30.09         | 94.3  | 6.27     | 6.2            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR3(N)    | 0.53 | 1.00     | Surface | 1.00       | 2.00      | 27.67           | 8.27 | 30.27         | 92.4  | 6.15     | 6.2            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR3(N)    | 0.53 | 2.60     | Bottom  | 3.00       | 1.00      | 27.37           | 8.29 | 30.65         | 95.7  | 6.38     | 7.7            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR3(N)    | 0.53 | 2.60     | Bottom  | 3.00       | 2.00      | 27.46           | 8.27 | 30.61         | 92.6  | 6.17     | 7.4            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 27.93           | 8.26 | 29.57         | 89.0  | 5.92     | 4.1            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 27.90           | 8.27 | 29.62         | 91.8  | 6.11     | 4.0            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 3.30     | Bottom  | 3.00       | 1.00      | 27.79           | 8.27 | 30.62         | 89.6  | 5.94     | 4.7            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR4(N)    | 0.49 | 3.30     | Bottom  | 3.00       | 2.00      | 27.69           | 8.29 | 30.58         | 93.6  | 6.21     | 4.8            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR5(N)    | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 27.60           | 7.85 | 34.72         | 89.1  | 5.79     | 4.9            | 14.6     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR5(N)    | 0.50 | 1.00     | Surface | 1.00       | 2.00      | 27.58           | 7.86 | 34.73         | 88.8  | 5.77     | 5.0            | 15.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR5(N)    | 0.50 | 4.20     | Middle  | 2.00       | 1.00      | 27.42           | 7.85 | 34.80         | 88.6  | 5.77     | 6.5            | 16.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR5(N)    | 0.50 | 4.20     | Middle  | 2.00       | 2.00      | 27.42           | 7.86 | 34.82         | 88.2  | 5.74     | 6.3            | 16.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR5(N)    | 0.50 | 7.30     | Bottom  | 3.00       | 1.00      | 27.46           | 7.85 | 34.83         | 89.0  | 5.79     | 7.2            | 15.2     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR5(N)    | 0.50 | 7.30     | Bottom  | 3.00       | 2.00      | 27.41           | 7.85 | 34.87         | 89.2  | 5.81     | 7.0            | 15.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 27.86           | 7.78 | 35.30         | 84.7  | 5.46     | 3.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 27.85           | 7.80 | 35.30         | 84.2  | 5.43     | 3.5            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.45 | 6.90     | Middle  | 2.00       | 1.00      | 27.81           | 7.79 | 35.30         | 84.2  | 5.43     | 3.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.45 | 6.90     | Middle  | 2.00       | 2.00      | 27.81           | 7.79 | 35.29         | 84.1  | 5.42     | 4.0            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.45 | 12.70    | Bottom  | 3.00       | 1.00      | 27.80           | 7.77 | 35.30         | 84.7  | 5.47     | 3.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.45 | 12.70    | Bottom  | 3.00       | 2.00      | 27.81           | 7.78 | 35.29         | 84.3  | 5.44     | 4.0            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 27.82           | 7.80 | 35.31         | 87.8  | 5.67     | 3.6            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.44 | 1.00     | Surface | 1.00       | 2.00      | 27.82           | 7.80 | 35.30         | 90.6  | 5.84     | 3.6            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.44 | 3.30     | Middle  | 2.00       | 1.00      | 27.81           | 7.78 | 35.30         | 86.8  | 5.60     | 3.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.44 | 3.30     | Middle  | 2.00       | 2.00      | 27.82           | 7.81 | 35.31         | 85.4  | 5.51     | 3.6            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.44 | 5.60     | Bottom  | 3.00       | 1.00      | 27.84           | 7.80 | 35.32         | 85.7  | 5.53     | 3.8            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.44 | 5.60     | Bottom  | 3.00       | 2.00      | 27.81           | 7.78 | 35.30         | 85.1  | 5.49     | 3.8            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS2(A)    | 0.54 | 1.00     | Surface | 1.00       | 1.00      | 27.55           | 7.94 | 35.32         | 92.0  | 5.96     | 12.5           | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS2(A)    | 0.54 | 1.00     | Surface | 1.00       | 2.00      | 27.53           | 7.91 | 35.37         | 92.4  | 5.98     | 13.0           | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS2(A)    | 0.54 | 3.80     | Middle  | 2.00       | 1.00      | 27.35           | 7.93 | 35.35         | 91.5  | 5.94     | 13.4           | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS2(A)    | 0.54 | 3.80     | Middle  | 2.00       | 2.00      | 27.34           | 7.89 | 35.38         | 91.8  | 5.96     | 13.9           | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS2(A)    | 0.54 | 6.60     | Bottom  | 3.00       | 1.00      | 27.36           | 7.92 | 35.35         | 92.0  | 5.98     | 15.3           | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS2(A)    | 0.54 | 6.60     | Bottom  | 3.00       | 2.00      | 27.34           | 7.88 | 35.39         | 92.2  | 5.99     | 14.5           | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.46 | 1.00     | Surface | 1.00       | 1.00      | 28.32           | 8.26 | 32.07         | 90.8  | 5.92     | 2.3            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.46 | 1.00     | Surface | 1.00       | 2.00      | 28.24           | 8.26 | 32.19         | 89.6  | 5.84     | 2.3            | 2.1      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.46 | 6.70     | Middle  | 2.00       | 1.00      | 28.13           | 8.25 | 32.35         | 90.5  | 5.90     | 5.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.46 | 6.70     | Middle  | 2.00       | 2.00      | 28.17           | 8.26 | 32.49         | 89.1  | 5.82     | 5.5            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.46 | 12.30    | Bottom  | 3.00       | 1.00      | 28.02           | 8.26 | 32.56         | 88.9  | 5.79     | 8.8            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.46 | 12.30    | Bottom  | 3.00       | 2.00      | 28.02           | 8.25 | 32.23         | 93.8  | 6.13     | 8.9            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS5       | 0.72 | 1.00     | Surface | 1.00       | 1.00      | 27.87           | 8.30 | 31.17         | 98.3  | 6.49     | 5.5            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS5       | 0.72 | 1.00     | Surface | 1.00       | 2.00      | 27.81           | 8.30 | 31.38         | 92.6  | 6.11     | 5.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS5       | 0.72 | 4.70     | Middle  | 2.00       | 1.00      | 27.72           | 8.30 | 31.64         | 92.3  | 6.09     | 7.3            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS5       | 0.72 | 4.70     | Middle  | 2.00       | 2.00      | 27.83           | 8.31 | 31.33         | 95.5  | 6.29     | 7.0            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS5       | 0.72 | 8.40     | Bottom  | 3.00       | 1.00      | 27.68           | 8.30 | 31.71         | 92.2  | 6.08     | 7.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS5       | 0.72 | 8.40     | Bottom  | 3.00       | 2.00      | 27.69           | 8.32 | 31.43         | 94.7  | 6.25     | 7.5            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 1.00     | Surface | 1.00       | 1.00      | 27.87           | 8.31 | 31.08         | 98.5  | 6.51     | 6.9            | 7.9      |

## 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 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 1.00     | Surface | 1.00       | 2.00      | 27.86           | 8.31 | 30.98         | 102.9 | 6.80     | 6.9            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 2.20     | Bottom  | 3.00       | 1.00      | 27.88           | 8.31 | 31.13         | 95.0  | 6.27     | 6.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)6   | 0.73 | 2.20     | Bottom  | 3.00       | 2.00      | 27.82           | 8.33 | 30.97         | 96.5  | 6.36     | 6.8            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS7       | 0.73 | 1.00     | Surface | 1.00       | 1.00      | 27.74           | 8.30 | 31.29         | 99.0  | 6.54     | 10.8           | 9.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS7       | 0.73 | 1.00     | Surface | 1.00       | 2.00      | 27.75           | 8.30 | 31.32         | 93.8  | 6.20     | 10.5           | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS7       | 0.73 | 2.40     | Bottom  | 3.00       | 1.00      | 27.74           | 8.30 | 31.30         | 95.5  | 6.31     | 10.9           | 12.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS7       | 0.73 | 2.40     | Bottom  | 3.00       | 2.00      | 27.74           | 8.30 | 31.33         | 93.0  | 6.14     | 10.9           | 11.3     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS8       | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 28.20           | 8.31 | 31.43         | 99.7  | 6.53     | 9.6            | 13.7     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS8       | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 28.19           | 8.31 | 31.46         | 96.9  | 6.35     | 9.9            | 14.9     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS8       | 0.75 | 3.30     | Bottom  | 3.00       | 1.00      | 28.17           | 8.31 | 31.44         | 97.8  | 6.40     | 10.2           | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS8       | 0.75 | 3.30     | Bottom  | 3.00       | 2.00      | 28.18           | 8.31 | 31.47         | 96.6  | 6.33     | 10.3           | 14.9     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)9   | 0.74 | 1.00     | Surface | 1.00       | 1.00      | 27.64           | 8.31 | 31.36         | 95.6  | 6.32     | 11.1           | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)9   | 0.74 | 1.00     | Surface | 1.00       | 2.00      | 27.64           | 8.31 | 31.38         | 94.0  | 6.22     | 11.0           | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)9   | 0.74 | 2.80     | Bottom  | 3.00       | 1.00      | 27.61           | 8.31 | 31.53         | 93.2  | 6.16     | 10.3           | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS(Mf)9   | 0.74 | 2.80     | Bottom  | 3.00       | 2.00      | 27.63           | 8.31 | 31.53         | 92.8  | 6.14     | 10.5           | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 27.45           | 7.87 | 34.87         | 94.3  | 6.13     | 13.0           | 19.0     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 27.45           | 7.89 | 34.86         | 91.9  | 5.98     | 12.7           | 18.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 5.30     | Middle  | 2.00       | 1.00      | 27.45           | 7.88 | 34.87         | 88.8  | 5.78     | 12.8           | 19.8     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 5.30     | Middle  | 2.00       | 2.00      | 27.45           | 7.85 | 34.88         | 88.1  | 5.73     | 12.9           | 20.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 9.50     | Bottom  | 3.00       | 1.00      | 27.45           | 7.87 | 34.87         | 89.5  | 5.82     | 14.4           | 22.7     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | IS10(N)   | 0.75 | 9.50     | Bottom  | 3.00       | 2.00      | 27.44           | 7.84 | 34.89         | 87.9  | 5.72     | 14.1           | 23.2     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR3(N)    | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 27.85           | 8.31 | 29.67         | 94.2  | 6.27     | 10.0           | 11.0     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR3(N)    | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 27.85           | 8.36 | 28.89         | 98.6  | 6.61     | 10.5           | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR3(N)    | 0.71 | 2.40     | Bottom  | 3.00       | 1.00      | 27.86           | 8.32 | 29.51         | 93.7  | 6.23     | 10.5           | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR3(N)    | 0.71 | 2.40     | Bottom  | 3.00       | 2.00      | 27.86           | 8.37 | 28.37         | 95.9  | 6.41     | 10.5           | 12.8     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR4(N)    | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 28.26           | 8.31 | 31.37         | 98.4  | 6.44     | 7.9            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR4(N)    | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 28.25           | 8.31 | 31.34         | 101.0 | 6.60     | 7.8            | 12.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR4(N)    | 0.75 | 2.90     | Bottom  | 3.00       | 1.00      | 28.33           | 8.31 | 31.42         | 97.5  | 6.38     | 7.7            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR4(N)    | 0.75 | 2.90     | Bottom  | 3.00       | 2.00      | 28.27           | 8.30 | 31.42         | 96.6  | 6.32     | 7.8            | 12.2     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 1.00     | Surface | 1.00       | 1.00      | 27.53           | 7.92 | 34.84         | 92.2  | 5.99     | 23.2           | 14.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 1.00     | Surface | 1.00       | 2.00      | 27.54           | 7.90 | 34.79         | 94.0  | 6.11     | 22.8           | 15.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 4.20     | Middle  | 2.00       | 1.00      | 27.53           | 7.89 | 34.85         | 90.7  | 5.89     | 24.3           | 19.6     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 4.20     | Middle  | 2.00       | 2.00      | 27.53           | 7.91 | 34.85         | 91.0  | 5.91     | 24.4           | 20.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 7.30     | Bottom  | 3.00       | 1.00      | 27.53           | 7.91 | 34.86         | 91.4  | 5.94     | 26.1           | 20.8     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR5(N)    | 0.74 | 7.30     | Bottom  | 3.00       | 2.00      | 27.52           | 7.89 | 34.86         | 90.5  | 5.88     | 25.5           | 21.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 1.00     | Surface | 1.00       | 1.00      | 27.93           | 7.89 | 35.29         | 90.4  | 5.82     | 7.6            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 1.00     | Surface | 1.00       | 2.00      | 27.94           | 7.88 | 35.29         | 93.2  | 6.00     | 7.9            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 6.70     | Middle  | 2.00       | 1.00      | 27.93           | 7.89 | 35.29         | 84.8  | 5.46     | 9.3            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 6.70     | Middle  | 2.00       | 2.00      | 27.94           | 7.88 | 35.29         | 83.9  | 5.40     | 8.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 12.30    | Bottom  | 3.00       | 1.00      | 27.93           | 7.90 | 35.29         | 86.2  | 5.55     | 9.5            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10A(N)  | 0.79 | 12.30    | Bottom  | 3.00       | 2.00      | 27.94           | 7.88 | 35.29         | 84.2  | 5.42     | 9.1            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10B(N2) | 0.80 | 1.00     | Surface | 1.00       | 1.00      | 27.93           | 7.89 | 35.29         | 84.2  | 5.42     | 5.2            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10B(N2) | 0.80 | 1.00     | Surface | 1.00       | 2.00      | 27.92           | 7.89 | 35.28         | 83.8  | 5.40     | 4.9            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10B(N2) | 0.80 | 3.30     | Middle  | 2.00       | 1.00      | 27.93           | 7.89 | 35.28         | 83.8  | 5.40     | 5.3            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10B(N2) | 0.80 | 3.30     | Middle  | 2.00       | 2.00      | 27.93           | 7.89 | 35.29         | 84.0  | 5.41     | 5.4            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10B(N2) | 0.80 | 5.60     | Bottom  | 3.00       | 1.00      | 27.94           | 7.88 | 35.29         | 83.7  | 5.39     | 5.9            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | SR10B(N2) | 0.80 | 5.60     | Bottom  | 3.00       | 2.00      | 27.93           | 7.89 | 35.28         | 83.8  | 5.40     | 6.0            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS2(A)    | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 27.19           | 7.84 | 34.57         | 91.7  | 6.00     | 16.1           | 21.4     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS2(A)    | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 27.19           | 7.83 | 34.58         | 90.7  | 5.94     | 16.5           | 21.6     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS2(A)    | 0.69 | 3.90     | Middle  | 2.00       | 1.00      | 27.20           | 7.83 | 34.57         | 92.1  | 6.03     | 16.8           | 26.5     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS2(A)    | 0.69 | 3.90     | Middle  | 2.00       | 2.00      | 27.20           | 7.83 | 34.57         | 90.9  | 5.95     | 16.6           | 27.8     |



## 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 | 2017-10-18        | Mid-Flood | Sunny             | CS2(A)   | 0.69 | 6.80     | Bottom  | 3.00       | 1.00      | 27.20           | 7.82 | 34.57         | 91.2  | 5.97     | 17.5           | 29.9     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS2(A)   | 0.69 | 6.80     | Bottom  | 3.00       | 2.00      | 27.20           | 7.83 | 34.56         | 93.1  | 6.09     | 17.7           | 28.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS(Mf)5  | 0.77 | 1.00     | Surface | 1.00       | 1.00      | 28.10           | 8.31 | 32.39         | 88.9  | 5.80     | 10.4           | 16.3     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS(Mf)5  | 0.77 | 1.00     | Surface | 1.00       | 2.00      | 28.08           | 8.31 | 32.28         | 96.9  | 6.33     | 10.5           | 16.0     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS(Mf)5  | 0.77 | 6.50     | Middle  | 2.00       | 1.00      | 28.10           | 8.31 | 32.44         | 92.7  | 6.04     | 10.4           | 14.6     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS(Mf)5  | 0.77 | 6.50     | Middle  | 2.00       | 2.00      | 28.11           | 8.31 | 32.54         | 88.6  | 5.77     | 10.4           | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS(Mf)5  | 0.77 | 12.00    | Bottom  | 3.00       | 1.00      | 28.11           | 8.31 | 32.44         | 88.3  | 5.76     | 10.1           | 17.8     |
| HKLR    | HY/2011/03 | 2017-10-18        | Mid-Flood | Sunny             | CS(Mf)5  | 0.77 | 12.00    | Bottom  | 3.00       | 2.00      | 28.10           | 8.32 | 32.31         | 90.7  | 5.92     | 10.2           | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS5      | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 27.13           | 8.12 | 28.58         | 95.8  | 6.49     | 7.5            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS5      | 0.51 | 1.00     | Surface | 1.00       | 2.00      | 27.13           | 8.11 | 28.73         | 96.3  | 6.52     | 7.3            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS5      | 0.50 | 4.30     | Middle  | 2.00       | 1.00      | 27.10           | 8.13 | 28.60         | 92.9  | 6.29     | 8.1            | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS5      | 0.50 | 4.30     | Middle  | 2.00       | 2.00      | 27.11           | 8.12 | 28.77         | 91.6  | 6.20     | 7.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS5      | 0.50 | 7.50     | Bottom  | 3.00       | 1.00      | 27.11           | 8.14 | 28.50         | 94.4  | 6.40     | 8.0            | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS5      | 0.50 | 7.50     | Bottom  | 3.00       | 2.00      | 27.11           | 8.12 | 28.72         | 92.2  | 6.24     | 7.7            | 13.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)6  | 0.51 | 1.00     | Surface | 1.00       | 1.00      | 27.18           | 8.12 | 28.85         | 96.3  | 6.51     | 7.5            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)6  | 0.51 | 1.00     | Surface | 1.00       | 2.00      | 27.18           | 8.11 | 28.91         | 92.9  | 6.28     | 7.2            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)6  | 0.51 | 2.30     | Bottom  | 3.00       | 1.00      | 27.16           | 8.12 | 28.90         | 92.1  | 6.22     | 7.7            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)6  | 0.51 | 2.30     | Bottom  | 3.00       | 2.00      | 27.16           | 8.12 | 28.84         | 94.3  | 6.37     | 8.0            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS7      | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 27.44           | 8.11 | 28.98         | 97.8  | 6.57     | 5.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS7      | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 27.51           | 8.11 | 29.00         | 95.4  | 6.41     | 5.5            | 8.1      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS7      | 0.52 | 2.60     | Bottom  | 3.00       | 1.00      | 27.36           | 8.12 | 28.96         | 99.7  | 6.71     | 6.5            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS7      | 0.52 | 2.60     | Bottom  | 3.00       | 2.00      | 27.48           | 8.11 | 28.99         | 96.5  | 6.48     | 6.2            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS8      | 0.54 | 1.00     | Surface | 1.00       | 1.00      | 27.42           | 8.15 | 29.31         | 95.9  | 6.44     | 7.3            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS8      | 0.54 | 1.00     | Surface | 1.00       | 2.00      | 27.48           | 8.15 | 29.17         | 98.2  | 6.59     | 7.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS8      | 0.54 | 3.10     | Bottom  | 3.00       | 1.00      | 27.36           | 8.15 | 29.44         | 96.8  | 6.50     | 7.7            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS8      | 0.54 | 3.10     | Bottom  | 3.00       | 2.00      | 27.44           | 8.15 | 29.22         | 99.6  | 6.69     | 7.7            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)9  | 0.52 | 1.00     | Surface | 1.00       | 1.00      | 27.41           | 8.17 | 29.31         | 98.9  | 6.64     | 5.4            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)9  | 0.52 | 1.00     | Surface | 1.00       | 2.00      | 27.46           | 8.17 | 29.28         | 100.2 | 6.73     | 5.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)9  | 0.52 | 2.60     | Bottom  | 3.00       | 1.00      | 27.39           | 8.18 | 29.33         | 97.1  | 6.52     | 5.1            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS(Mf)9  | 0.52 | 2.60     | Bottom  | 3.00       | 2.00      | 27.40           | 8.17 | 29.33         | 97.8  | 6.56     | 5.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS10(N)  | 0.55 | 1.00     | Surface | 1.00       | 1.00      | 27.50           | 8.04 | 35.08         | 87.3  | 5.67     | 7.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS10(N)  | 0.55 | 1.00     | Surface | 1.00       | 2.00      | 27.55           | 7.98 | 35.07         | 86.9  | 5.65     | 7.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS10(N)  | 0.54 | 6.40     | Middle  | 2.00       | 1.00      | 27.31           | 8.00 | 35.06         | 87.1  | 5.67     | 7.8            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS10(N)  | 0.55 | 6.40     | Middle  | 2.00       | 2.00      | 27.32           | 7.97 | 35.06         | 86.8  | 5.64     | 7.6            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS10(N)  | 0.55 | 11.80    | Bottom  | 3.00       | 1.00      | 27.32           | 7.97 | 35.06         | 86.2  | 5.61     | 7.8            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | IS10(N)  | 0.54 | 11.80    | Bottom  | 3.00       | 2.00      | 27.30           | 7.98 | 35.07         | 86.4  | 5.63     | 7.8            | 12.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR3(N)   | 0.50 | 1.00     | Surface | 1.00       | 1.00      | 27.13           | 8.13 | 26.77         | 95.3  | 6.52     | 7.5            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR3(N)   | 0.50 | 1.00     | Surface | 1.00       | 2.00      | 27.18           | 8.13 | 26.36         | 97.5  | 6.69     | 7.4            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR3(N)   | 0.50 | 2.90     | Bottom  | 3.00       | 1.00      | 27.15           | 8.13 | 26.19         | 99.1  | 6.80     | 7.7            | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR3(N)   | 0.50 | 2.90     | Bottom  | 3.00       | 2.00      | 27.13           | 8.12 | 26.51         | 96.7  | 6.63     | 7.5            | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR4(N)   | 0.53 | 1.00     | Surface | 1.00       | 1.00      | 27.54           | 8.16 | 28.78         | 97.5  | 6.55     | 6.0            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR4(N)   | 0.53 | 1.00     | Surface | 1.00       | 2.00      | 27.51           | 8.15 | 29.05         | 95.3  | 6.40     | 6.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR4(N)   | 0.53 | 2.80     | Bottom  | 3.00       | 1.00      | 27.50           | 8.15 | 29.02         | 96.1  | 6.45     | 6.3            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR4(N)   | 0.53 | 2.80     | Bottom  | 3.00       | 2.00      | 27.54           | 8.18 | 28.67         | 99.9  | 6.72     | 6.6            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR5(N)   | 0.53 | 1.00     | Surface | 1.00       | 1.00      | 27.52           | 8.02 | 35.04         | 87.4  | 5.67     | 9.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR5(N)   | 0.53 | 1.00     | Surface | 1.00       | 2.00      | 27.49           | 8.02 | 35.05         | 87.8  | 5.70     | 9.6            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR5(N)   | 0.53 | 5.10     | Middle  | 2.00       | 1.00      | 27.33           | 8.02 | 35.04         | 86.5  | 5.63     | 10.1           | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR5(N)   | 0.53 | 5.10     | Middle  | 2.00       | 2.00      | 27.32           | 8.02 | 35.04         | 87.5  | 5.69     | 10.7           | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR5(N)   | 0.53 | 9.20     | Bottom  | 3.00       | 1.00      | 27.36           | 8.02 | 35.08         | 87.0  | 5.67     | 15.5           | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR5(N)   | 0.53 | 9.20     | Bottom  | 3.00       | 2.00      | 27.38           | 8.01 | 35.10         | 86.4  | 5.63     | 15.8           | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10A(N) | 0.58 | 1.00     | Surface | 1.00       | 1.00      | 27.61           | 7.95 | 35.27         | 88.5  | 5.73     | 10.2           | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10A(N) | 0.58 | 1.00     | Surface | 1.00       | 2.00      | 27.58           | 8.01 | 35.29         | 85.6  | 5.54     | 10.4           | 8.2      |

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 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.58 | 7.40     | Middle  | 2.00       | 1.00      | 27.58           | 8.00 | 35.30         | 84.1  | 5.45     | 10.9           | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.58 | 7.40     | Middle  | 2.00       | 2.00      | 27.59           | 7.94 | 35.28         | 84.9  | 5.50     | 10.5           | 12.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.58 | 13.80    | Bottom  | 3.00       | 1.00      | 27.57           | 7.93 | 35.30         | 84.1  | 5.45     | 10.8           | 19.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.58 | 13.80    | Bottom  | 3.00       | 2.00      | 27.58           | 7.94 | 35.29         | 84.4  | 5.46     | 10.2           | 18.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.59 | 1.00     | Surface | 1.00       | 1.00      | 27.58           | 7.92 | 35.29         | 82.9  | 5.37     | 5.4            | 17.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.59 | 1.00     | Surface | 1.00       | 2.00      | 27.59           | 7.93 | 35.29         | 83.1  | 5.38     | 5.4            | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.59 | 4.40     | Middle  | 2.00       | 1.00      | 27.59           | 7.94 | 35.29         | 82.7  | 5.36     | 5.5            | 18.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.59 | 4.40     | Middle  | 2.00       | 2.00      | 27.58           | 7.92 | 35.29         | 82.8  | 5.36     | 5.5            | 19.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.59 | 7.80     | Bottom  | 3.00       | 1.00      | 27.58           | 7.93 | 35.29         | 82.6  | 5.35     | 5.6            | 19.9     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.59 | 7.80     | Bottom  | 3.00       | 2.00      | 27.58           | 7.92 | 35.29         | 82.7  | 5.36     | 5.6            | 19.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS2(A)    | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 27.03           | 8.04 | 35.21         | 92.2  | 6.03     | 14.9           | 16.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS2(A)    | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 27.02           | 8.03 | 35.24         | 95.6  | 6.24     | 14.9           | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS2(A)    | 0.49 | 3.90     | Middle  | 2.00       | 1.00      | 27.00           | 8.02 | 35.43         | 93.1  | 6.08     | 16.5           | 18.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS2(A)    | 0.49 | 3.90     | Middle  | 2.00       | 2.00      | 27.00           | 8.04 | 35.45         | 92.0  | 6.00     | 16.8           | 16.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS2(A)    | 0.49 | 6.80     | Bottom  | 3.00       | 1.00      | 27.00           | 8.03 | 35.55         | 91.8  | 6.00     | 20.4           | 19.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS2(A)    | 0.49 | 6.80     | Bottom  | 3.00       | 2.00      | 27.01           | 7.99 | 35.56         | 93.0  | 6.08     | 20.6           | 19.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.55 | 1.00     | Surface | 1.00       | 1.00      | 27.87           | 8.13 | 30.03         | 91.7  | 6.11     | 5.9            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.55 | 1.00     | Surface | 1.00       | 2.00      | 27.98           | 8.15 | 29.84         | 89.9  | 5.98     | 6.0            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.55 | 6.30     | Middle  | 2.00       | 1.00      | 27.74           | 8.16 | 29.94         | 89.1  | 5.91     | 7.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.55 | 6.30     | Middle  | 2.00       | 2.00      | 27.73           | 8.14 | 30.13         | 86.2  | 5.73     | 6.7            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.55 | 11.50    | Bottom  | 3.00       | 1.00      | 27.75           | 8.16 | 29.86         | 86.5  | 5.74     | 7.1            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.55 | 11.50    | Bottom  | 3.00       | 2.00      | 27.75           | 8.14 | 30.05         | 87.6  | 5.83     | 7.2            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS5       | 0.34 | 1.00     | Surface | 1.00       | 1.00      | 27.01           | 8.07 | 28.80         | 96.4  | 6.54     | 7.3            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS5       | 0.34 | 1.00     | Surface | 1.00       | 2.00      | 27.00           | 8.07 | 28.72         | 100.9 | 6.85     | 7.1            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS5       | 0.34 | 4.20     | Middle  | 2.00       | 1.00      | 27.00           | 8.07 | 28.70         | 93.3  | 6.32     | 7.1            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS5       | 0.34 | 4.20     | Middle  | 2.00       | 2.00      | 27.02           | 8.07 | 28.81         | 92.0  | 6.24     | 7.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS5       | 0.34 | 7.40     | Bottom  | 3.00       | 1.00      | 27.02           | 8.07 | 28.78         | 92.4  | 6.26     | 7.2            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS5       | 0.34 | 7.40     | Bottom  | 3.00       | 2.00      | 26.99           | 8.06 | 28.62         | 94.7  | 6.42     | 7.4            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)6   | 0.34 | 1.00     | Surface | 1.00       | 1.00      | 27.02           | 8.08 | 28.81         | 99.7  | 6.76     | 8.5            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)6   | 0.34 | 1.00     | Surface | 1.00       | 2.00      | 27.01           | 8.08 | 28.76         | 98.3  | 6.67     | 8.1            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)6   | 0.34 | 2.30     | Bottom  | 3.00       | 1.00      | 27.02           | 8.08 | 28.79         | 95.9  | 6.50     | 8.1            | 14.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)6   | 0.34 | 2.30     | Bottom  | 3.00       | 2.00      | 26.99           | 8.08 | 28.72         | 95.7  | 6.48     | 8.5            | 12.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS7       | 0.33 | 1.00     | Surface | 1.00       | 1.00      | 26.99           | 8.07 | 28.87         | 94.9  | 6.42     | 6.8            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS7       | 0.33 | 1.00     | Surface | 1.00       | 2.00      | 27.02           | 8.08 | 28.92         | 96.9  | 6.57     | 7.1            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS7       | 0.33 | 2.50     | Bottom  | 3.00       | 1.00      | 27.08           | 8.07 | 28.96         | 93.6  | 6.34     | 7.0            | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS7       | 0.33 | 2.50     | Bottom  | 3.00       | 2.00      | 27.06           | 8.07 | 28.88         | 93.8  | 6.35     | 6.8            | 12.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS8       | 0.29 | 1.00     | Surface | 1.00       | 1.00      | 27.25           | 8.06 | 28.80         | 95.0  | 6.42     | 13.5           | 20.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS8       | 0.29 | 1.00     | Surface | 1.00       | 2.00      | 27.22           | 8.06 | 28.68         | 93.0  | 6.28     | 13.2           | 20.3     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS8       | 0.29 | 2.90     | Bottom  | 3.00       | 1.00      | 27.25           | 8.06 | 28.64         | 94.0  | 6.35     | 13.8           | 20.9     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS8       | 0.29 | 2.90     | Bottom  | 3.00       | 2.00      | 27.25           | 8.06 | 28.78         | 92.5  | 6.25     | 13.4           | 20.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)9   | 0.33 | 1.00     | Surface | 1.00       | 1.00      | 27.06           | 8.07 | 28.94         | 98.2  | 6.65     | 8.7            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)9   | 0.33 | 1.00     | Surface | 1.00       | 2.00      | 27.07           | 8.08 | 29.02         | 94.2  | 6.37     | 8.8            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)9   | 0.33 | 2.70     | Bottom  | 3.00       | 1.00      | 27.20           | 8.08 | 29.01         | 96.0  | 6.46     | 9.7            | 14.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS(Mf)9   | 0.33 | 2.70     | Bottom  | 3.00       | 2.00      | 27.18           | 8.08 | 29.15         | 96.1  | 6.48     | 10.0           | 13.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS10(N)   | 0.29 | 1.00     | Surface | 1.00       | 1.00      | 27.02           | 7.90 | 34.98         | 91.3  | 5.98     | 17.7           | 22.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS10(N)   | 0.29 | 1.00     | Surface | 1.00       | 2.00      | 27.02           | 7.88 | 34.98         | 94.9  | 6.21     | 17.5           | 23.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS10(N)   | 0.29 | 5.30     | Middle  | 2.00       | 1.00      | 27.03           | 7.90 | 34.98         | 91.3  | 5.98     | 18.4           | 24.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS10(N)   | 0.29 | 5.30     | Middle  | 2.00       | 2.00      | 27.03           | 7.84 | 34.98         | 93.8  | 6.14     | 18.2           | 23.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS10(N)   | 0.29 | 9.50     | Bottom  | 3.00       | 1.00      | 27.03           | 7.89 | 34.99         | 91.2  | 5.97     | 18.5           | 22.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | IS10(N)   | 0.29 | 9.50     | Bottom  | 3.00       | 2.00      | 27.02           | 7.81 | 34.98         | 92.9  | 6.08     | 18.6           | 23.3     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR3(N)    | 0.35 | 1.00     | Surface | 1.00       | 1.00      | 27.02           | 8.08 | 28.86         | 91.0  | 6.16     | 7.2            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR3(N)    | 0.35 | 1.00     | Surface | 1.00       | 2.00      | 27.04           | 8.09 | 28.88         | 90.8  | 6.15     | 7.4            | 11.0     |

## 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 | 2017-10-20        | Mid-Flood | Fine              | SR3(N)    | 0.35 | 2.90     | Bottom  | 3.00       | 1.00      | 27.04           | 8.08 | 28.88         | 90.9  | 6.15     | 7.6            | 13.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR3(N)    | 0.35 | 2.90     | Bottom  | 3.00       | 2.00      | 27.00           | 8.08 | 28.86         | 91.0  | 6.17     | 8.0            | 13.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR4(N)    | 0.30 | 1.00     | Surface | 1.00       | 1.00      | 27.26           | 8.08 | 29.00         | 91.1  | 6.14     | 12.1           | 22.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR4(N)    | 0.30 | 1.00     | Surface | 1.00       | 2.00      | 27.23           | 8.08 | 28.94         | 91.4  | 6.17     | 12.7           | 21.3     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR4(N)    | 0.30 | 2.70     | Bottom  | 3.00       | 1.00      | 27.26           | 8.07 | 29.00         | 91.3  | 6.15     | 12.6           | 23.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR4(N)    | 0.30 | 2.70     | Bottom  | 3.00       | 2.00      | 27.26           | 8.07 | 28.94         | 91.5  | 6.18     | 12.2           | 22.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR5(N)    | 0.30 | 1.00     | Surface | 1.00       | 1.00      | 27.17           | 7.88 | 35.12         | 99.8  | 6.52     | 26.2           | 25.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR5(N)    | 0.30 | 1.00     | Surface | 1.00       | 2.00      | 27.19           | 7.93 | 35.11         | 90.6  | 5.92     | 26.4           | 26.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR5(N)    | 0.30 | 4.10     | Middle  | 2.00       | 1.00      | 27.17           | 7.83 | 35.12         | 96.8  | 6.32     | 26.0           | 28.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR5(N)    | 0.30 | 4.10     | Middle  | 2.00       | 2.00      | 27.17           | 7.91 | 35.13         | 90.6  | 5.91     | 26.2           | 29.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR5(N)    | 0.30 | 7.10     | Bottom  | 3.00       | 1.00      | 27.17           | 7.90 | 35.13         | 89.9  | 5.87     | 26.1           | 28.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR5(N)    | 0.30 | 7.10     | Bottom  | 3.00       | 2.00      | 27.15           | 7.81 | 35.13         | 92.4  | 6.03     | 26.1           | 28.3     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10A(N)  | 0.25 | 1.00     | Surface | 1.00       | 1.00      | 27.56           | 7.86 | 35.32         | 94.1  | 6.10     | 9.6            | 16.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10A(N)  | 0.25 | 1.00     | Surface | 1.00       | 2.00      | 27.54           | 7.79 | 35.31         | 92.4  | 5.99     | 9.6            | 17.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10A(N)  | 0.25 | 6.50     | Middle  | 2.00       | 1.00      | 27.55           | 7.75 | 35.32         | 89.4  | 5.79     | 10.3           | 19.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10A(N)  | 0.25 | 6.50     | Middle  | 2.00       | 2.00      | 27.56           | 7.84 | 35.32         | 86.9  | 5.63     | 10.2           | 19.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10A(N)  | 0.25 | 11.90    | Bottom  | 3.00       | 1.00      | 27.56           | 7.83 | 35.31         | 86.4  | 5.60     | 10.4           | 21.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10A(N)  | 0.25 | 11.90    | Bottom  | 3.00       | 2.00      | 27.54           | 7.73 | 35.32         | 87.6  | 5.68     | 10.3           | 20.8     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10B(N2) | 0.24 | 1.00     | Surface | 1.00       | 1.00      | 27.55           | 7.68 | 35.34         | 95.3  | 6.18     | 11.3           | 16.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10B(N2) | 0.24 | 1.00     | Surface | 1.00       | 2.00      | 27.55           | 7.69 | 35.34         | 87.0  | 5.63     | 11.5           | 16.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10B(N2) | 0.24 | 3.80     | Middle  | 2.00       | 1.00      | 27.55           | 7.66 | 35.34         | 91.1  | 5.90     | 12.0           | 15.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10B(N2) | 0.24 | 3.80     | Middle  | 2.00       | 2.00      | 27.55           | 7.67 | 35.34         | 86.7  | 5.62     | 12.0           | 14.5     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10B(N2) | 0.24 | 6.60     | Bottom  | 3.00       | 1.00      | 27.54           | 7.65 | 35.34         | 88.1  | 5.71     | 12.4           | 16.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | SR10B(N2) | 0.24 | 6.60     | Bottom  | 3.00       | 2.00      | 27.55           | 7.66 | 35.34         | 86.6  | 5.61     | 12.1           | 15.7     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS2(A)    | 0.34 | 1.00     | Surface | 1.00       | 1.00      | 26.66           | 8.01 | 35.17         | 95.2  | 6.27     | 25.4           | 29.4     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS2(A)    | 0.34 | 1.00     | Surface | 1.00       | 2.00      | 26.67           | 8.03 | 35.17         | 97.1  | 6.38     | 25.5           | 29.3     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS2(A)    | 0.34 | 4.00     | Middle  | 2.00       | 1.00      | 26.72           | 7.99 | 35.20         | 95.2  | 6.26     | 25.6           | 32.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS2(A)    | 0.34 | 4.00     | Middle  | 2.00       | 2.00      | 26.72           | 7.92 | 35.20         | 95.1  | 6.26     | 25.4           | 32.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS2(A)    | 0.34 | 7.00     | Bottom  | 3.00       | 1.00      | 26.73           | 7.87 | 35.20         | 94.8  | 6.23     | 25.8           | 35.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS2(A)    | 0.34 | 7.00     | Bottom  | 3.00       | 2.00      | 26.71           | 8.01 | 35.20         | 94.7  | 6.23     | 25.7           | 35.1     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS(Mf)5   | 0.27 | 1.00     | Surface | 1.00       | 1.00      | 27.68           | 8.04 | 30.42         | 94.5  | 6.30     | 12.0           | 13.9     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS(Mf)5   | 0.27 | 1.00     | Surface | 1.00       | 2.00      | 27.68           | 8.05 | 29.80         | 92.2  | 6.27     | 11.7           | 13.9     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS(Mf)5   | 0.27 | 6.20     | Middle  | 2.00       | 1.00      | 27.68           | 8.04 | 31.09         | 93.0  | 6.18     | 13.2           | 15.2     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS(Mf)5   | 0.27 | 6.20     | Middle  | 2.00       | 2.00      | 27.69           | 8.03 | 30.03         | 90.4  | 6.02     | 13.5           | 16.6     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS(Mf)5   | 0.27 | 11.30    | Bottom  | 3.00       | 1.00      | 27.68           | 8.03 | 31.86         | 91.4  | 6.08     | 13.3           | 22.0     |
| HKLR    | HY/2011/03 | 2017-10-20        | Mid-Flood | Fine              | CS(Mf)5   | 0.27 | 11.30    | Bottom  | 3.00       | 2.00      | 27.68           | 8.05 | 30.21         | 89.1  | 5.94     | 12.7           | 21.0     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS5       | 0.57 | 1.00     | Surface | 1.00       | 1.00      | 26.10           | 8.21 | 28.93         | 96.8  | 6.66     | 6.6            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS5       | 0.57 | 1.00     | Surface | 1.00       | 2.00      | 26.08           | 8.19 | 29.09         | 95.6  | 6.57     | 6.8            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS5       | 0.57 | 4.20     | Middle  | 2.00       | 1.00      | 26.00           | 8.19 | 29.19         | 95.0  | 6.54     | 7.5            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS5       | 0.57 | 4.20     | Middle  | 2.00       | 2.00      | 26.00           | 8.21 | 29.00         | 97.0  | 6.68     | 7.7            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS5       | 0.57 | 7.30     | Bottom  | 3.00       | 1.00      | 25.96           | 8.21 | 28.95         | 98.6  | 6.80     | 8.1            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS5       | 0.57 | 7.30     | Bottom  | 3.00       | 2.00      | 25.93           | 8.20 | 29.24         | 95.2  | 6.55     | 8.1            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.58 | 1.00     | Surface | 1.00       | 1.00      | 26.35           | 8.20 | 28.72         | 100.6 | 6.90     | 5.0            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.58 | 1.00     | Surface | 1.00       | 2.00      | 26.20           | 8.20 | 28.49         | 100.4 | 6.91     | 5.2            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.58 | 2.30     | Bottom  | 3.00       | 1.00      | 26.22           | 8.19 | 28.70         | 99.8  | 6.86     | 5.3            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.58 | 2.30     | Bottom  | 3.00       | 2.00      | 26.06           | 8.20 | 28.34         | 100.8 | 6.96     | 5.5            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS7       | 0.59 | 1.00     | Surface | 1.00       | 1.00      | 26.54           | 8.20 | 29.20         | 104.1 | 7.10     | 6.0            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS7       | 0.59 | 1.00     | Surface | 1.00       | 2.00      | 26.59           | 8.20 | 29.23         | 104.3 | 7.11     | 6.3            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS7       | 0.59 | 2.60     | Bottom  | 3.00       | 1.00      | 26.34           | 8.20 | 29.24         | 103.6 | 7.09     | 6.4            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS7       | 0.59 | 2.60     | Bottom  | 3.00       | 2.00      | 26.21           | 8.20 | 29.22         | 103.8 | 7.12     | 6.6            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS8       | 0.61 | 1.00     | Surface | 1.00       | 1.00      | 26.97           | 8.20 | 29.08         | 100.8 | 6.83     | 4.4            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS8       | 0.61 | 1.00     | Surface | 1.00       | 2.00      | 26.94           | 8.20 | 29.05         | 100.0 | 6.77     | 4.3            | 6.5      |

## 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 | 2017-10-23        | Mid-Ebb   | Sunny             | IS8       | 0.61 | 3.10     | Bottom  | 3.00       | 1.00      | 26.84           | 8.19 | 29.23         | 100.1 | 6.79     | 5.0            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS8       | 0.61 | 3.10     | Bottom  | 3.00       | 2.00      | 26.96           | 8.20 | 29.08         | 100.6 | 6.81     | 5.1            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.60 | 1.00     | Surface | 1.00       | 1.00      | 27.06           | 8.20 | 29.37         | 102.1 | 6.89     | 11.9           | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.60 | 1.00     | Surface | 1.00       | 2.00      | 27.01           | 8.19 | 29.37         | 101.8 | 6.88     | 11.8           | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.60 | 2.60     | Bottom  | 3.00       | 1.00      | 26.60           | 8.19 | 29.44         | 101.6 | 6.91     | 12.5           | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.60 | 2.60     | Bottom  | 3.00       | 2.00      | 26.77           | 8.19 | 29.39         | 101.2 | 6.87     | 12.3           | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS10(N)   | 0.60 | 1.00     | Surface | 1.00       | 1.00      | 26.63           | 8.01 | 35.35         | 92.4  | 6.12     | 7.5            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS10(N)   | 0.60 | 1.00     | Surface | 1.00       | 2.00      | 26.55           | 8.01 | 35.34         | 90.3  | 5.94     | 7.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS10(N)   | 0.60 | 5.30     | Middle  | 2.00       | 1.00      | 26.25           | 8.00 | 35.34         | 89.6  | 5.93     | 7.9            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS10(N)   | 0.60 | 5.30     | Middle  | 2.00       | 2.00      | 26.22           | 8.01 | 35.35         | 92.1  | 6.05     | 7.6            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS10(N)   | 0.60 | 9.60     | Bottom  | 3.00       | 1.00      | 26.16           | 8.02 | 35.33         | 90.6  | 6.00     | 7.5            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | IS10(N)   | 0.60 | 9.60     | Bottom  | 3.00       | 2.00      | 26.18           | 8.00 | 35.32         | 88.9  | 5.89     | 7.9            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR3(N)    | 0.57 | 1.00     | Surface | 1.00       | 1.00      | 26.10           | 8.20 | 27.39         | 98.8  | 6.86     | 5.8            | 8.1      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR3(N)    | 0.57 | 1.00     | Surface | 1.00       | 2.00      | 26.12           | 8.22 | 27.09         | 99.2  | 6.89     | 6.0            | 9.5      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR3(N)    | 0.57 | 2.90     | Bottom  | 3.00       | 1.00      | 26.03           | 8.21 | 26.98         | 99.2  | 6.90     | 6.4            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR3(N)    | 0.57 | 2.90     | Bottom  | 3.00       | 2.00      | 26.05           | 8.22 | 27.28         | 99.0  | 6.88     | 6.1            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR4(N)    | 0.60 | 1.00     | Surface | 1.00       | 1.00      | 26.94           | 8.19 | 28.77         | 100.8 | 6.84     | 5.0            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR4(N)    | 0.60 | 1.00     | Surface | 1.00       | 2.00      | 26.91           | 8.19 | 28.49         | 102.2 | 6.96     | 5.0            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR4(N)    | 0.60 | 2.90     | Bottom  | 3.00       | 1.00      | 26.78           | 8.19 | 28.48         | 103.1 | 7.03     | 5.6            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR4(N)    | 0.60 | 2.90     | Bottom  | 3.00       | 2.00      | 26.88           | 8.19 | 28.75         | 101.7 | 6.91     | 5.5            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR5(N)    | 0.60 | 1.00     | Surface | 1.00       | 1.00      | 26.74           | 7.97 | 35.39         | 88.3  | 5.82     | 6.5            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR5(N)    | 0.60 | 1.00     | Surface | 1.00       | 2.00      | 26.74           | 7.98 | 35.39         | 92.6  | 6.11     | 6.8            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR5(N)    | 0.60 | 3.90     | Middle  | 2.00       | 1.00      | 26.57           | 7.99 | 35.40         | 90.9  | 5.98     | 9.1            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR5(N)    | 0.60 | 3.90     | Middle  | 2.00       | 2.00      | 26.72           | 7.97 | 35.40         | 88.3  | 5.80     | 9.2            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR5(N)    | 0.60 | 6.80     | Bottom  | 3.00       | 1.00      | 26.48           | 8.03 | 35.35         | 89.8  | 5.89     | 9.6            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR5(N)    | 0.60 | 6.80     | Bottom  | 3.00       | 2.00      | 26.48           | 7.98 | 35.34         | 88.0  | 5.77     | 9.5            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.64 | 1.00     | Surface | 1.00       | 1.00      | 26.94           | 7.96 | 35.50         | 83.5  | 5.46     | 10.4           | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.64 | 1.00     | Surface | 1.00       | 2.00      | 26.93           | 7.97 | 35.50         | 84.9  | 5.55     | 10.7           | 14.3     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.64 | 6.60     | Middle  | 2.00       | 1.00      | 26.93           | 7.97 | 35.50         | 84.7  | 5.54     | 10.5           | 14.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.64 | 6.60     | Middle  | 2.00       | 2.00      | 26.93           | 7.96 | 35.50         | 83.5  | 5.46     | 10.5           | 14.2     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.64 | 12.10    | Bottom  | 3.00       | 1.00      | 26.94           | 7.96 | 35.49         | 83.4  | 5.45     | 10.4           | 14.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.64 | 12.10    | Bottom  | 3.00       | 2.00      | 26.91           | 7.98 | 35.49         | 84.2  | 5.51     | 10.4           | 14.3     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.64 | 1.00     | Surface | 1.00       | 1.00      | 26.96           | 7.96 | 35.50         | 84.1  | 5.50     | 6.4            | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.64 | 1.00     | Surface | 1.00       | 2.00      | 26.96           | 7.96 | 35.50         | 89.7  | 5.87     | 6.6            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.64 | 4.10     | Middle  | 2.00       | 1.00      | 26.96           | 7.96 | 35.51         | 84.0  | 5.49     | 7.6            | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.64 | 4.10     | Middle  | 2.00       | 2.00      | 26.96           | 7.97 | 35.50         | 86.3  | 5.64     | 7.5            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.64 | 7.20     | Bottom  | 3.00       | 1.00      | 26.95           | 8.02 | 35.50         | 85.2  | 5.57     | 7.2            | 13.1     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.64 | 7.20     | Bottom  | 3.00       | 2.00      | 26.95           | 7.96 | 35.51         | 83.9  | 5.48     | 7.2            | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 1.00     | Surface | 1.00       | 1.00      | 26.31           | 8.01 | 35.71         | 93.2  | 6.17     | 15.0           | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 1.00     | Surface | 1.00       | 2.00      | 26.32           | 8.00 | 35.70         | 96.9  | 6.42     | 15.2           | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 4.10     | Middle  | 2.00       | 1.00      | 26.13           | 8.01 | 35.72         | 95.0  | 6.29     | 17.3           | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 4.10     | Middle  | 2.00       | 2.00      | 26.16           | 8.00 | 35.70         | 93.1  | 6.14     | 17.1           | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 7.10     | Bottom  | 3.00       | 1.00      | 26.09           | 8.05 | 35.72         | 94.9  | 6.26     | 17.8           | 12.0     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS2(A)    | 0.56 | 7.10     | Bottom  | 3.00       | 2.00      | 26.09           | 8.00 | 35.70         | 92.6  | 6.13     | 17.7           | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.63 | 1.00     | Surface | 1.00       | 1.00      | 27.38           | 8.17 | 28.68         | 91.3  | 6.16     | 3.6            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.63 | 1.00     | Surface | 1.00       | 2.00      | 27.40           | 8.17 | 29.13         | 90.4  | 6.08     | 3.6            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.63 | 6.30     | Middle  | 2.00       | 1.00      | 27.29           | 8.17 | 28.60         | 91.7  | 6.19     | 3.5            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.63 | 6.30     | Middle  | 2.00       | 2.00      | 27.32           | 8.17 | 29.14         | 90.0  | 6.06     | 3.6            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.63 | 11.60    | Bottom  | 3.00       | 1.00      | 27.30           | 8.17 | 29.01         | 90.4  | 6.09     | 3.6            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.63 | 11.60    | Bottom  | 3.00       | 2.00      | 27.28           | 8.18 | 28.00         | 89.7  | 5.93     | 3.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS5       | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 25.85           | 8.12 | 29.42         | 100.3 | 6.91     | 6.6            | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS5       | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 25.86           | 8.13 | 29.51         | 102.5 | 7.07     | 6.5            | 10.1     |

## 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 | 2017-10-23        | Mid-Flood | Sunny             | IS5       | 0.39 | 4.30     | Middle  | 2.00       | 1.00      | 25.84           | 8.12 | 29.39         | 96.6  | 6.65     | 6.8            | 8.9      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS5       | 0.39 | 4.30     | Middle  | 2.00       | 2.00      | 25.86           | 8.13 | 29.51         | 97.5  | 6.72     | 6.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS5       | 0.39 | 7.60     | Bottom  | 3.00       | 1.00      | 25.85           | 8.12 | 29.48         | 99.2  | 6.83     | 6.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS5       | 0.39 | 7.60     | Bottom  | 3.00       | 2.00      | 25.83           | 8.12 | 29.33         | 96.8  | 6.67     | 6.7            | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)6   | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 25.75           | 8.13 | 29.53         | 98.0  | 6.76     | 8.5            | 13.3     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)6   | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 25.75           | 8.13 | 29.52         | 98.9  | 6.83     | 8.4            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)6   | 0.39 | 2.20     | Bottom  | 3.00       | 1.00      | 25.74           | 8.13 | 29.51         | 99.8  | 6.89     | 8.2            | 13.2     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)6   | 0.39 | 2.20     | Bottom  | 3.00       | 2.00      | 25.76           | 8.13 | 29.53         | 98.3  | 6.78     | 8.4            | 12.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS7       | 0.38 | 1.00     | Surface | 1.00       | 1.00      | 26.11           | 8.11 | 29.53         | 101.2 | 6.95     | 7.0            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS7       | 0.38 | 1.00     | Surface | 1.00       | 2.00      | 26.05           | 8.10 | 29.46         | 99.7  | 6.84     | 7.2            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS7       | 0.38 | 2.50     | Bottom  | 3.00       | 1.00      | 26.06           | 8.10 | 29.51         | 96.9  | 6.65     | 7.7            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS7       | 0.38 | 2.50     | Bottom  | 3.00       | 2.00      | 26.03           | 8.11 | 29.43         | 95.3  | 6.53     | 8.0            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS8       | 0.36 | 1.00     | Surface | 1.00       | 1.00      | 26.25           | 8.08 | 29.40         | 102.6 | 7.02     | 6.7            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS8       | 0.36 | 1.00     | Surface | 1.00       | 2.00      | 26.27           | 8.09 | 29.47         | 105.9 | 7.25     | 6.7            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS8       | 0.36 | 2.90     | Bottom  | 3.00       | 1.00      | 26.25           | 8.08 | 29.45         | 100.0 | 6.84     | 6.7            | 14.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS8       | 0.36 | 2.90     | Bottom  | 3.00       | 2.00      | 26.21           | 8.08 | 29.36         | 98.0  | 6.70     | 6.8            | 13.1     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)9   | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 26.23           | 8.12 | 29.19         | 106.0 | 7.28     | 8.3            | 14.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)9   | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 26.21           | 8.12 | 29.05         | 103.8 | 7.12     | 8.3            | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)9   | 0.37 | 2.70     | Bottom  | 3.00       | 1.00      | 26.20           | 8.12 | 28.98         | 100.0 | 6.85     | 8.3            | 16.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS(MF)9   | 0.37 | 2.70     | Bottom  | 3.00       | 2.00      | 26.22           | 8.12 | 29.13         | 101.7 | 6.97     | 8.4            | 15.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS10(N)   | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 26.20           | 8.00 | 35.33         | 94.2  | 6.25     | 10.5           | 15.9     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS10(N)   | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 26.19           | 8.01 | 35.33         | 90.8  | 6.02     | 10.6           | 16.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS10(N)   | 0.37 | 5.30     | Middle  | 2.00       | 1.00      | 26.12           | 8.00 | 35.34         | 90.7  | 6.01     | 13.1           | 17.1     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS10(N)   | 0.37 | 5.30     | Middle  | 2.00       | 2.00      | 26.15           | 7.99 | 35.33         | 92.5  | 6.13     | 13.5           | 16.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS10(N)   | 0.37 | 9.60     | Bottom  | 3.00       | 1.00      | 26.12           | 8.01 | 35.34         | 91.4  | 6.05     | 15.4           | 18.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | IS10(N)   | 0.37 | 9.60     | Bottom  | 3.00       | 2.00      | 26.12           | 8.01 | 35.34         | 90.0  | 5.96     | 15.4           | 17.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR3(N)    | 0.40 | 1.00     | Surface | 1.00       | 1.00      | 25.87           | 8.13 | 29.56         | 95.9  | 6.60     | 6.2            | 12.1     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR3(N)    | 0.40 | 1.00     | Surface | 1.00       | 2.00      | 25.86           | 8.13 | 29.58         | 95.8  | 6.59     | 6.3            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR3(N)    | 0.40 | 2.90     | Bottom  | 3.00       | 1.00      | 25.85           | 8.13 | 29.58         | 95.7  | 6.59     | 6.3            | 15.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR3(N)    | 0.40 | 2.90     | Bottom  | 3.00       | 2.00      | 25.85           | 8.13 | 29.57         | 95.9  | 6.60     | 6.3            | 15.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR4(N)    | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 26.27           | 8.10 | 29.56         | 94.5  | 6.46     | 5.8            | 13.2     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR4(N)    | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 26.27           | 8.10 | 29.58         | 94.0  | 6.43     | 5.5            | 12.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR4(N)    | 0.37 | 2.80     | Bottom  | 3.00       | 1.00      | 26.24           | 8.09 | 29.56         | 94.9  | 6.49     | 6.3            | 13.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR4(N)    | 0.37 | 2.80     | Bottom  | 3.00       | 2.00      | 26.27           | 8.10 | 29.58         | 94.3  | 6.44     | 6.3            | 13.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR5(N)    | 0.38 | 1.00     | Surface | 1.00       | 1.00      | 26.04           | 8.02 | 35.48         | 95.8  | 6.36     | 10.2           | 13.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR5(N)    | 0.38 | 1.00     | Surface | 1.00       | 2.00      | 26.05           | 8.03 | 35.49         | 93.3  | 6.20     | 10.1           | 12.1     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR5(N)    | 0.38 | 4.00     | Middle  | 2.00       | 1.00      | 26.02           | 8.04 | 35.50         | 92.6  | 6.15     | 15.4           | 16.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR5(N)    | 0.38 | 4.00     | Middle  | 2.00       | 2.00      | 26.02           | 8.03 | 35.50         | 94.2  | 6.25     | 15.5           | 15.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR5(N)    | 0.38 | 7.00     | Bottom  | 3.00       | 1.00      | 26.01           | 8.05 | 35.51         | 92.1  | 6.11     | 15.4           | 16.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR5(N)    | 0.38 | 7.00     | Bottom  | 3.00       | 2.00      | 25.99           | 8.05 | 35.52         | 92.0  | 6.11     | 15.5           | 16.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10A(N)  | 0.34 | 1.00     | Surface | 1.00       | 1.00      | 26.87           | 7.94 | 35.51         | 91.4  | 5.98     | 7.4            | 13.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10A(N)  | 0.34 | 1.00     | Surface | 1.00       | 2.00      | 26.88           | 7.93 | 35.51         | 84.7  | 5.54     | 7.4            | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10A(N)  | 0.33 | 6.80     | Middle  | 2.00       | 1.00      | 26.88           | 7.94 | 35.50         | 87.0  | 5.69     | 7.8            | 12.9     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10A(N)  | 0.34 | 6.80     | Middle  | 2.00       | 2.00      | 26.88           | 7.94 | 35.50         | 84.2  | 5.51     | 7.6            | 13.6     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10A(N)  | 0.33 | 12.60    | Bottom  | 3.00       | 1.00      | 26.87           | 7.96 | 35.50         | 86.3  | 5.65     | 7.8            | 13.3     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10A(N)  | 0.34 | 12.60    | Bottom  | 3.00       | 2.00      | 26.88           | 7.94 | 35.50         | 84.0  | 5.50     | 7.8            | 13.0     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10B(N2) | 0.33 | 1.00     | Surface | 1.00       | 1.00      | 26.87           | 7.91 | 35.55         | 85.4  | 5.59     | 8.9            | 13.8     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10B(N2) | 0.33 | 1.00     | Surface | 1.00       | 2.00      | 26.87           | 7.88 | 35.55         | 94.8  | 6.20     | 8.8            | 14.3     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10B(N2) | 0.33 | 4.40     | Middle  | 2.00       | 1.00      | 26.87           | 7.90 | 35.56         | 84.9  | 5.55     | 9.0            | 16.9     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10B(N2) | 0.33 | 4.40     | Middle  | 2.00       | 2.00      | 26.87           | 7.87 | 35.55         | 89.0  | 5.82     | 8.7            | 16.9     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10B(N2) | 0.33 | 7.80     | Bottom  | 3.00       | 1.00      | 26.87           | 7.89 | 35.55         | 84.1  | 5.50     | 8.9            | 17.3     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | SR10B(N2) | 0.33 | 7.80     | Bottom  | 3.00       | 2.00      | 26.86           | 7.86 | 35.55         | 87.5  | 5.73     | 8.9            | 16.7     |

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 | 2017-10-23        | Mid-Flood | Sunny             | CS2(A)  | 0.42 | 1.00     | Surface | 1.00       | 1.00      | 25.78           | 8.02 | 35.75         | 93.7  | 6.24     | 19.9           | 25.4     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS2(A)  | 0.42 | 1.00     | Surface | 1.00       | 2.00      | 25.78           | 8.02 | 35.75         | 97.0  | 6.46     | 19.5           | 24.9     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS2(A)  | 0.42 | 4.20     | Middle  | 2.00       | 1.00      | 25.76           | 8.02 | 35.74         | 93.6  | 6.24     | 20.4           | 24.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS2(A)  | 0.42 | 4.20     | Middle  | 2.00       | 2.00      | 25.75           | 8.02 | 35.72         | 94.7  | 6.31     | 20.2           | 24.9     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS2(A)  | 0.42 | 7.30     | Bottom  | 3.00       | 1.00      | 25.75           | 8.04 | 35.69         | 94.5  | 6.29     | 20.1           | 24.5     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS2(A)  | 0.42 | 7.30     | Bottom  | 3.00       | 2.00      | 25.75           | 8.02 | 35.69         | 93.4  | 6.22     | 20.6           | 25.1     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS(Mf)5 | 0.34 | 1.00     | Surface | 1.00       | 1.00      | 26.81           | 8.07 | 30.85         | 98.2  | 6.60     | 6.7            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS(Mf)5 | 0.34 | 1.00     | Surface | 1.00       | 2.00      | 26.81           | 8.08 | 30.63         | 100.2 | 6.74     | 6.5            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS(Mf)5 | 0.34 | 6.20     | Middle  | 2.00       | 1.00      | 26.80           | 8.07 | 30.69         | 92.0  | 6.19     | 7.0            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS(Mf)5 | 0.34 | 6.20     | Middle  | 2.00       | 2.00      | 26.79           | 8.06 | 30.95         | 95.9  | 6.45     | 7.2            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS(Mf)5 | 0.34 | 11.30    | Bottom  | 3.00       | 1.00      | 26.77           | 8.06 | 30.99         | 91.6  | 6.17     | 7.4            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-23        | Mid-Flood | Sunny             | CS(Mf)5 | 0.34 | 11.30    | Bottom  | 3.00       | 2.00      | 26.78           | 8.07 | 30.77         | 93.0  | 6.26     | 7.2            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS5     | 0.63 | 1.00     | Surface | 1.00       | 1.00      | 26.35           | 8.19 | 29.88         | 103.7 | 7.09     | 6.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS5     | 0.63 | 1.00     | Surface | 1.00       | 2.00      | 26.35           | 8.19 | 29.97         | 103.7 | 7.09     | 6.2            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS5     | 0.63 | 4.90     | Middle  | 2.00       | 1.00      | 26.14           | 8.18 | 29.99         | 103.2 | 7.03     | 6.5            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS5     | 0.63 | 4.90     | Middle  | 2.00       | 2.00      | 26.18           | 8.18 | 30.07         | 103.7 | 7.06     | 6.5            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS5     | 0.63 | 8.70     | Bottom  | 3.00       | 1.00      | 26.14           | 8.19 | 29.97         | 102.4 | 7.00     | 6.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS5     | 0.63 | 8.70     | Bottom  | 3.00       | 2.00      | 26.11           | 8.18 | 30.07         | 102.3 | 6.98     | 6.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)6 | 0.64 | 1.00     | Surface | 1.00       | 1.00      | 26.39           | 8.21 | 29.93         | 109.7 | 7.46     | 4.9            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)6 | 0.64 | 1.00     | Surface | 1.00       | 2.00      | 26.34           | 8.20 | 30.04         | 108.2 | 7.36     | 4.8            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)6 | 0.64 | 2.50     | Bottom  | 3.00       | 1.00      | 26.21           | 8.19 | 30.07         | 107.6 | 7.34     | 5.2            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)6 | 0.64 | 2.50     | Bottom  | 3.00       | 2.00      | 26.19           | 8.19 | 29.99         | 106.8 | 7.29     | 5.1            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS7     | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 26.66           | 8.23 | 29.96         | 113.2 | 7.67     | 6.0            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS7     | 0.65 | 1.00     | Surface | 1.00       | 2.00      | 26.66           | 8.23 | 30.01         | 115.8 | 7.84     | 5.5            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS7     | 0.65 | 2.40     | Bottom  | 3.00       | 1.00      | 26.63           | 8.23 | 30.01         | 114.6 | 7.77     | 6.0            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS7     | 0.65 | 2.40     | Bottom  | 3.00       | 2.00      | 26.59           | 8.22 | 29.95         | 109.0 | 7.40     | 5.7            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS8     | 0.67 | 1.00     | Surface | 1.00       | 1.00      | 26.58           | 8.26 | 30.18         | 110.8 | 7.51     | 9.1            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS8     | 0.67 | 1.00     | Surface | 1.00       | 2.00      | 26.62           | 8.26 | 30.21         | 115.5 | 7.82     | 9.6            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS8     | 0.67 | 2.80     | Bottom  | 3.00       | 1.00      | 26.60           | 8.26 | 30.20         | 113.0 | 7.65     | 9.6            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS8     | 0.67 | 2.80     | Bottom  | 3.00       | 2.00      | 26.48           | 8.27 | 30.21         | 108.4 | 7.36     | 9.5            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)9 | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 26.53           | 8.22 | 29.95         | 109.9 | 7.46     | 7.6            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)9 | 0.65 | 1.00     | Surface | 1.00       | 2.00      | 26.53           | 8.22 | 30.06         | 110.9 | 7.52     | 7.5            | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)9 | 0.65 | 2.70     | Bottom  | 3.00       | 1.00      | 26.39           | 8.23 | 29.87         | 108.5 | 7.39     | 7.7            | 12.4     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS(Mf)9 | 0.65 | 2.70     | Bottom  | 3.00       | 2.00      | 26.46           | 8.22 | 30.00         | 110.3 | 7.50     | 7.4            | 12.6     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS10(N) | 0.67 | 1.00     | Surface | 1.00       | 1.00      | 26.49           | 8.17 | 32.19         | 98.4  | 6.60     | 3.1            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS10(N) | 0.67 | 1.00     | Surface | 1.00       | 2.00      | 26.51           | 8.16 | 32.13         | 98.2  | 6.59     | 3.3            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS10(N) | 0.67 | 5.30     | Middle  | 2.00       | 1.00      | 26.39           | 8.16 | 32.49         | 98.2  | 6.59     | 3.3            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS10(N) | 0.67 | 5.30     | Middle  | 2.00       | 2.00      | 26.31           | 8.17 | 32.60         | 98.3  | 6.60     | 3.3            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS10(N) | 0.67 | 9.60     | Bottom  | 3.00       | 1.00      | 26.29           | 8.17 | 32.68         | 97.6  | 6.55     | 3.6            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | IS10(N) | 0.67 | 9.60     | Bottom  | 3.00       | 2.00      | 26.38           | 8.16 | 32.54         | 97.8  | 6.56     | 3.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR3(N)  | 0.62 | 1.00     | Surface | 1.00       | 1.00      | 26.60           | 8.25 | 28.04         | 106.7 | 7.37     | 6.3            | 7.9      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR3(N)  | 0.62 | 1.00     | Surface | 1.00       | 2.00      | 26.59           | 8.22 | 28.44         | 105.6 | 7.27     | 6.1            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR3(N)  | 0.62 | 3.20     | Bottom  | 3.00       | 1.00      | 26.26           | 8.30 | 27.71         | 106.6 | 7.31     | 6.3            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR3(N)  | 0.62 | 3.20     | Bottom  | 3.00       | 2.00      | 26.28           | 8.23 | 28.30         | 105.5 | 7.22     | 6.3            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR4(N)  | 0.66 | 1.00     | Surface | 1.00       | 1.00      | 27.34           | 8.26 | 29.31         | 115.4 | 7.76     | 5.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR4(N)  | 0.66 | 1.00     | Surface | 1.00       | 2.00      | 27.36           | 8.27 | 29.37         | 121.9 | 8.19     | 5.2            | 7.0      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR4(N)  | 0.66 | 2.80     | Bottom  | 3.00       | 1.00      | 27.10           | 8.24 | 29.44         | 111.9 | 7.54     | 5.3            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR4(N)  | 0.66 | 2.80     | Bottom  | 3.00       | 2.00      | 27.27           | 8.25 | 29.55         | 119.1 | 8.00     | 5.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR5(N)  | 0.66 | 1.00     | Surface | 1.00       | 1.00      | 26.31           | 8.12 | 32.79         | 95.5  | 6.41     | 5.1            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR5(N)  | 0.66 | 1.00     | Surface | 1.00       | 2.00      | 26.31           | 8.14 | 32.79         | 97.6  | 6.55     | 5.0            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR5(N)  | 0.66 | 4.20     | Middle  | 2.00       | 1.00      | 26.29           | 8.14 | 32.80         | 96.9  | 6.50     | 5.1            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR5(N)  | 0.66 | 4.20     | Middle  | 2.00       | 2.00      | 26.30           | 8.12 | 32.79         | 95.3  | 6.39     | 5.1            | 6.7      |

## 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 | 2017-10-25        | Mid-Ebb   | Fine              | SR5(N)    | 0.66 | 7.30     | Bottom  | 3.00       | 1.00      | 26.28           | 8.12 | 32.80         | 95.0  | 6.37     | 5.3            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR5(N)    | 0.66 | 7.30     | Bottom  | 3.00       | 2.00      | 26.27           | 8.16 | 32.80         | 96.3  | 6.46     | 5.1            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10A(N)  | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 26.73           | 8.08 | 33.11         | 90.2  | 6.00     | 3.3            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10A(N)  | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 26.73           | 8.06 | 33.12         | 84.3  | 5.61     | 3.1            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10A(N)  | 0.70 | 7.00     | Middle  | 2.00       | 1.00      | 26.74           | 8.09 | 33.11         | 87.2  | 5.79     | 3.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10A(N)  | 0.70 | 7.00     | Middle  | 2.00       | 2.00      | 26.73           | 8.06 | 33.12         | 83.5  | 5.55     | 3.5            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10A(N)  | 0.70 | 13.00    | Bottom  | 3.00       | 1.00      | 26.73           | 8.07 | 33.12         | 83.4  | 5.54     | 3.6            | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10A(N)  | 0.70 | 13.00    | Bottom  | 3.00       | 2.00      | 26.74           | 8.12 | 33.09         | 85.6  | 5.69     | 3.5            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10B(N2) | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 26.75           | 8.08 | 33.11         | 90.5  | 6.01     | 3.7            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10B(N2) | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 26.76           | 8.08 | 33.11         | 83.0  | 5.52     | 3.9            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10B(N2) | 0.71 | 3.80     | Middle  | 2.00       | 1.00      | 26.75           | 8.08 | 33.11         | 83.0  | 5.51     | 3.9            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10B(N2) | 0.71 | 3.80     | Middle  | 2.00       | 2.00      | 26.75           | 8.09 | 33.11         | 85.6  | 5.69     | 3.7            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10B(N2) | 0.71 | 6.50     | Bottom  | 3.00       | 1.00      | 26.74           | 8.09 | 33.11         | 84.1  | 5.59     | 4.0            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | SR10B(N2) | 0.71 | 6.50     | Bottom  | 3.00       | 2.00      | 26.75           | 8.08 | 33.11         | 82.7  | 5.49     | 3.9            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS2(A)    | 0.63 | 1.00     | Surface | 1.00       | 1.00      | 26.62           | 8.07 | 32.66         | 94.7  | 6.32     | 6.1            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS2(A)    | 0.63 | 1.00     | Surface | 1.00       | 2.00      | 26.53           | 8.06 | 32.86         | 94.3  | 6.33     | 6.0            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS2(A)    | 0.63 | 4.00     | Middle  | 2.00       | 1.00      | 26.38           | 8.06 | 32.98         | 94.1  | 6.31     | 6.2            | 7.2      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS2(A)    | 0.63 | 4.00     | Middle  | 2.00       | 2.00      | 26.45           | 8.06 | 33.01         | 93.7  | 6.26     | 6.0            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS2(A)    | 0.62 | 7.00     | Bottom  | 3.00       | 1.00      | 26.22           | 8.06 | 32.97         | 93.7  | 6.26     | 6.1            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS2(A)    | 0.63 | 7.00     | Bottom  | 3.00       | 2.00      | 26.32           | 8.06 | 32.89         | 93.5  | 6.26     | 6.2            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 26.87           | 8.15 | 30.66         | 89.5  | 6.01     | 4.3            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 26.79           | 8.16 | 30.48         | 94.8  | 6.37     | 4.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.69 | 6.10     | Middle  | 2.00       | 1.00      | 26.89           | 8.16 | 30.69         | 91.1  | 6.13     | 4.2            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.69 | 6.10     | Middle  | 2.00       | 2.00      | 26.89           | 8.15 | 30.81         | 88.2  | 5.93     | 4.3            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.69 | 11.10    | Bottom  | 3.00       | 1.00      | 26.84           | 8.17 | 30.73         | 90.3  | 6.09     | 4.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.69 | 11.10    | Bottom  | 3.00       | 2.00      | 26.86           | 8.15 | 30.83         | 88.2  | 5.93     | 4.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS5       | 0.47 | 1.00     | Surface | 1.00       | 1.00      | 26.02           | 8.15 | 29.61         | 100.9 | 6.92     | 6.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS5       | 0.47 | 1.00     | Surface | 1.00       | 2.00      | 26.02           | 8.15 | 29.54         | 104.1 | 7.15     | 6.6            | 9.1      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS5       | 0.47 | 4.40     | Middle  | 2.00       | 1.00      | 26.01           | 8.15 | 29.65         | 100.3 | 6.88     | 6.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS5       | 0.47 | 4.40     | Middle  | 2.00       | 2.00      | 26.00           | 8.15 | 29.58         | 101.7 | 6.99     | 6.6            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS5       | 0.47 | 7.80     | Bottom  | 3.00       | 1.00      | 26.01           | 8.15 | 29.54         | 101.4 | 6.96     | 6.6            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS5       | 0.47 | 7.80     | Bottom  | 3.00       | 2.00      | 26.02           | 8.15 | 29.65         | 100.2 | 6.87     | 6.6            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)6   | 0.47 | 1.00     | Surface | 1.00       | 1.00      | 26.17           | 8.15 | 29.67         | 104.2 | 7.13     | 7.2            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)6   | 0.47 | 1.00     | Surface | 1.00       | 2.00      | 26.17           | 8.15 | 29.61         | 107.2 | 7.35     | 7.5            | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)6   | 0.47 | 2.40     | Bottom  | 3.00       | 1.00      | 26.09           | 8.16 | 29.56         | 105.2 | 7.20     | 7.1            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)6   | 0.47 | 2.40     | Bottom  | 3.00       | 2.00      | 26.15           | 8.15 | 29.65         | 103.4 | 7.08     | 7.5            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS7       | 0.46 | 1.00     | Surface | 1.00       | 1.00      | 26.11           | 8.14 | 29.38         | 103.2 | 7.09     | 6.9            | 11.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS7       | 0.46 | 1.00     | Surface | 1.00       | 2.00      | 26.07           | 8.14 | 29.26         | 105.8 | 7.28     | 6.6            | 11.8     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS7       | 0.46 | 2.20     | Bottom  | 3.00       | 1.00      | 26.07           | 8.14 | 29.35         | 102.9 | 7.06     | 6.5            | 13.9     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS7       | 0.46 | 2.20     | Bottom  | 3.00       | 2.00      | 26.05           | 8.15 | 29.16         | 104.2 | 7.16     | 6.5            | 13.8     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS8       | 0.44 | 1.00     | Surface | 1.00       | 1.00      | 26.34           | 8.13 | 29.54         | 104.7 | 7.15     | 17.7           | 15.4     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS8       | 0.44 | 1.00     | Surface | 1.00       | 2.00      | 26.34           | 8.13 | 29.62         | 101.0 | 6.89     | 17.3           | 16.2     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS8       | 0.44 | 3.10     | Bottom  | 3.00       | 1.00      | 26.32           | 8.14 | 29.52         | 102.4 | 6.99     | 17.6           | 15.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS8       | 0.44 | 3.10     | Bottom  | 3.00       | 2.00      | 26.34           | 8.13 | 29.62         | 99.9  | 6.82     | 17.7           | 15.0     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)9   | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 26.00           | 8.15 | 29.34         | 107.1 | 7.36     | 8.8            | 11.4     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)9   | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 26.01           | 8.15 | 29.39         | 105.5 | 7.25     | 8.8            | 12.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)9   | 0.45 | 2.90     | Bottom  | 3.00       | 1.00      | 26.01           | 8.15 | 29.45         | 105.1 | 7.22     | 8.8            | 13.4     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS(Mf)9   | 0.45 | 2.90     | Bottom  | 3.00       | 2.00      | 25.99           | 8.16 | 29.29         | 106.0 | 7.29     | 8.7            | 12.3     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS10(N)   | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 26.01           | 7.96 | 33.61         | 94.5  | 6.28     | 7.0            | 10.9     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS10(N)   | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 26.01           | 7.95 | 33.61         | 96.8  | 6.44     | 6.8            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS10(N)   | 0.45 | 5.50     | Middle  | 2.00       | 1.00      | 26.04           | 7.96 | 33.68         | 94.4  | 6.28     | 7.1            | 11.2     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS10(N)   | 0.45 | 5.50     | Middle  | 2.00       | 2.00      | 26.03           | 7.95 | 33.65         | 96.5  | 6.42     | 7.0            | 12.8     |

## 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 | 2017-10-25        | Mid-Flood | Fine              | IS10(N)   | 0.45 | 10.00    | Bottom  | 3.00       | 1.00      | 26.03           | 7.96 | 33.67         | 95.4  | 6.35     | 7.1            | 13.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | IS10(N)   | 0.45 | 10.00    | Bottom  | 3.00       | 2.00      | 26.04           | 7.95 | 33.69         | 94.1  | 6.26     | 7.2            | 12.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR3(N)    | 0.48 | 1.00     | Surface | 1.00       | 1.00      | 26.03           | 8.15 | 29.41         | 105.5 | 7.25     | 6.8            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR3(N)    | 0.48 | 1.00     | Surface | 1.00       | 2.00      | 26.03           | 8.15 | 29.52         | 102.5 | 7.04     | 7.1            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR3(N)    | 0.48 | 2.50     | Bottom  | 3.00       | 1.00      | 26.03           | 8.15 | 29.50         | 101.7 | 6.98     | 7.0            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR3(N)    | 0.48 | 2.50     | Bottom  | 3.00       | 2.00      | 26.02           | 8.15 | 29.36         | 103.7 | 7.13     | 6.8            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR4(N)    | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 26.38           | 8.12 | 29.52         | 100.5 | 6.86     | 10.5           | 17.6     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR4(N)    | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 26.38           | 8.12 | 29.40         | 104.7 | 7.16     | 10.7           | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR4(N)    | 0.45 | 2.80     | Bottom  | 3.00       | 1.00      | 26.38           | 8.12 | 29.47         | 98.7  | 6.74     | 10.7           | 17.8     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR4(N)    | 0.45 | 2.80     | Bottom  | 3.00       | 2.00      | 26.36           | 8.13 | 29.33         | 102.6 | 7.00     | 10.8           | 17.9     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR5(N)    | 0.45 | 1.00     | Surface | 1.00       | 1.00      | 26.16           | 8.01 | 33.61         | 99.0  | 6.57     | 9.8            | 13.3     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR5(N)    | 0.45 | 1.00     | Surface | 1.00       | 2.00      | 26.16           | 8.00 | 33.61         | 94.1  | 6.25     | 9.6            | 12.0     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR5(N)    | 0.45 | 4.20     | Middle  | 2.00       | 1.00      | 26.14           | 8.00 | 33.60         | 93.7  | 6.22     | 9.8            | 13.2     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR5(N)    | 0.45 | 4.20     | Middle  | 2.00       | 2.00      | 26.15           | 8.02 | 33.61         | 96.5  | 6.41     | 9.8            | 13.3     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR5(N)    | 0.45 | 7.40     | Bottom  | 3.00       | 1.00      | 26.14           | 8.04 | 33.61         | 94.7  | 6.29     | 9.9            | 12.4     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR5(N)    | 0.45 | 7.40     | Bottom  | 3.00       | 2.00      | 26.14           | 8.00 | 33.59         | 93.3  | 6.19     | 9.9            | 13.6     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10A(N)  | 0.41 | 1.00     | Surface | 1.00       | 1.00      | 26.66           | 7.94 | 34.03         | 93.2  | 6.12     | 5.8            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10A(N)  | 0.41 | 1.00     | Surface | 1.00       | 2.00      | 26.65           | 7.92 | 34.03         | 86.2  | 5.66     | 5.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10A(N)  | 0.41 | 7.10     | Middle  | 2.00       | 1.00      | 26.65           | 7.94 | 34.04         | 90.1  | 5.92     | 5.9            | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10A(N)  | 0.41 | 7.10     | Middle  | 2.00       | 2.00      | 26.65           | 7.93 | 34.04         | 85.4  | 5.61     | 5.9            | 10.3     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10A(N)  | 0.41 | 13.10    | Bottom  | 3.00       | 1.00      | 26.64           | 7.95 | 34.03         | 87.8  | 5.77     | 5.9            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10A(N)  | 0.41 | 13.10    | Bottom  | 3.00       | 2.00      | 26.65           | 7.93 | 34.03         | 84.9  | 5.58     | 6.0            | 10.1     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10B(N2) | 0.40 | 1.00     | Surface | 1.00       | 1.00      | 26.71           | 7.85 | 34.08         | 86.1  | 5.65     | 6.9            | 12.4     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10B(N2) | 0.40 | 1.00     | Surface | 1.00       | 2.00      | 26.72           | 7.85 | 34.08         | 94.8  | 6.22     | 6.8            | 11.5     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10B(N2) | 0.40 | 3.70     | Middle  | 2.00       | 1.00      | 26.71           | 7.85 | 34.08         | 85.2  | 5.59     | 7.0            | 11.3     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10B(N2) | 0.40 | 3.70     | Middle  | 2.00       | 2.00      | 26.72           | 7.84 | 34.08         | 91.4  | 6.00     | 6.8            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10B(N2) | 0.40 | 6.40     | Bottom  | 3.00       | 1.00      | 26.72           | 7.85 | 34.09         | 87.4  | 5.73     | 7.0            | 11.7     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | SR10B(N2) | 0.40 | 6.40     | Bottom  | 3.00       | 2.00      | 26.71           | 7.85 | 34.08         | 84.6  | 5.55     | 7.1            | 12.8     |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS2(A)    | 0.49 | 1.00     | Surface | 1.00       | 1.00      | 26.08           | 8.10 | 32.70         | 96.3  | 6.43     | 5.7            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS2(A)    | 0.49 | 1.00     | Surface | 1.00       | 2.00      | 26.04           | 8.10 | 32.89         | 96.7  | 6.46     | 5.6            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS2(A)    | 0.49 | 4.10     | Middle  | 2.00       | 1.00      | 25.93           | 8.11 | 33.35         | 95.2  | 6.35     | 5.7            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS2(A)    | 0.49 | 4.10     | Middle  | 2.00       | 2.00      | 25.95           | 8.11 | 33.35         | 96.0  | 6.41     | 5.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS2(A)    | 0.49 | 7.10     | Bottom  | 3.00       | 1.00      | 25.84           | 8.11 | 33.42         | 95.0  | 6.34     | 5.9            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS2(A)    | 0.49 | 7.10     | Bottom  | 3.00       | 2.00      | 25.86           | 8.11 | 33.45         | 95.8  | 6.39     | 6.0            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS(Mf)5   | 0.42 | 1.00     | Surface | 1.00       | 1.00      | 26.43           | 8.08 | 31.21         | 95.7  | 6.37     | 6.7            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS(Mf)5   | 0.42 | 1.00     | Surface | 1.00       | 2.00      | 26.48           | 8.08 | 30.57         | 91.9  | 6.20     | 6.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS(Mf)5   | 0.42 | 6.20     | Middle  | 2.00       | 1.00      | 26.58           | 8.07 | 30.83         | 91.1  | 6.17     | 11.4           | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS(Mf)5   | 0.42 | 6.20     | Middle  | 2.00       | 2.00      | 26.56           | 8.05 | 32.00         | 93.8  | 6.34     | 11.2           | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS(Mf)5   | 0.42 | 11.40    | Bottom  | 3.00       | 1.00      | 26.61           | 8.02 | 33.35         | 92.1  | 6.18     | 11.5           | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-25        | Mid-Flood | Fine              | CS(Mf)5   | 0.42 | 11.40    | Bottom  | 3.00       | 2.00      | 26.61           | 8.06 | 31.04         | 90.8  | 6.13     | 11.5           | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS5       | 0.23 | 1.00     | Surface | 1.00       | 1.00      | 26.28           | 8.16 | 29.50         | 100.5 | 6.87     | 4.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS5       | 0.23 | 1.00     | Surface | 1.00       | 2.00      | 26.28           | 8.16 | 29.47         | 102.2 | 6.99     | 4.8            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS5       | 0.23 | 4.30     | Middle  | 2.00       | 1.00      | 26.28           | 8.16 | 29.48         | 101.4 | 6.94     | 4.8            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS5       | 0.23 | 4.30     | Middle  | 2.00       | 2.00      | 26.29           | 8.16 | 29.51         | 100.4 | 6.86     | 4.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS5       | 0.23 | 7.50     | Bottom  | 3.00       | 1.00      | 26.27           | 8.15 | 29.45         | 101.2 | 6.92     | 4.9            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS5       | 0.23 | 7.50     | Bottom  | 3.00       | 2.00      | 26.28           | 8.16 | 29.51         | 100.4 | 6.86     | 4.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS(Mf)6   | 0.22 | 1.00     | Surface | 1.00       | 1.00      | 26.20           | 8.14 | 29.45         | 106.8 | 7.31     | 5.0            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS(Mf)6   | 0.22 | 1.00     | Surface | 1.00       | 2.00      | 26.18           | 8.15 | 29.49         | 103.8 | 7.10     | 4.8            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS(Mf)6   | 0.22 | 2.10     | Bottom  | 3.00       | 1.00      | 26.21           | 8.14 | 29.52         | 102.1 | 6.99     | 5.1            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS(Mf)6   | 0.22 | 2.10     | Bottom  | 3.00       | 2.00      | 26.20           | 8.15 | 29.46         | 104.6 | 7.16     | 4.9            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS7       | 0.21 | 1.00     | Surface | 1.00       | 1.00      | 26.31           | 8.18 | 29.23         | 109.3 | 7.48     | 4.3            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | IS7       | 0.21 | 1.00     | Surface | 1.00       | 2.00      | 26.39           | 8.17 | 29.21         | 110.1 | 7.53     | 4.5            | 4.8      |



## 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 | 2017-10-27        | Mid-Ebb | Fine              | IS7       | 0.21 | 2.20     | Bottom  | 3.00       | 1.00      | 26.25           | 8.17 | 29.28         | 110.0 | 7.53     | 4.5            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS7       | 0.21 | 2.20     | Bottom  | 3.00       | 2.00      | 26.32           | 8.17 | 29.46         | 109.3 | 7.47     | 4.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS8       | 0.19 | 1.00     | Surface | 1.00       | 1.00      | 26.26           | 8.14 | 29.28         | 111.5 | 7.63     | 4.7            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS8       | 0.19 | 1.00     | Surface | 1.00       | 2.00      | 26.26           | 8.16 | 29.15         | 111.2 | 7.62     | 4.7            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS8       | 0.19 | 3.00     | Bottom  | 3.00       | 1.00      | 26.29           | 8.15 | 29.75         | 111.1 | 7.59     | 5.6            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS8       | 0.19 | 3.00     | Bottom  | 3.00       | 2.00      | 26.28           | 8.13 | 29.72         | 111.6 | 7.62     | 5.7            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS(Mf)9   | 0.21 | 1.00     | Surface | 1.00       | 1.00      | 25.85           | 8.17 | 28.66         | 109.3 | 7.52     | 3.7            | 13.1     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS(Mf)9   | 0.21 | 1.00     | Surface | 1.00       | 2.00      | 25.96           | 8.19 | 29.13         | 107.3 | 7.40     | 3.6            | 12.4     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS(Mf)9   | 0.21 | 2.60     | Bottom  | 3.00       | 1.00      | 25.94           | 8.18 | 29.05         | 106.9 | 7.37     | 4.2            | 13.4     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS(Mf)9   | 0.21 | 2.60     | Bottom  | 3.00       | 2.00      | 26.03           | 8.16 | 29.03         | 108.2 | 7.49     | 4.1            | 13.2     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS10(N)   | 0.20 | 1.00     | Surface | 1.00       | 1.00      | 26.04           | 8.06 | 30.48         | 97.8  | 6.63     | 6.3            | 9.3      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS10(N)   | 0.20 | 1.00     | Surface | 1.00       | 2.00      | 26.07           | 8.06 | 30.73         | 99.2  | 6.72     | 6.4            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS10(N)   | 0.20 | 5.50     | Middle  | 2.00       | 1.00      | 26.12           | 8.04 | 31.53         | 95.5  | 6.47     | 6.6            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS10(N)   | 0.20 | 5.50     | Middle  | 2.00       | 2.00      | 26.10           | 8.04 | 31.31         | 95.2  | 6.50     | 6.5            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS10(N)   | 0.20 | 9.90     | Bottom  | 3.00       | 1.00      | 26.12           | 8.06 | 31.64         | 94.8  | 6.43     | 6.9            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | IS10(N)   | 0.20 | 9.90     | Bottom  | 3.00       | 2.00      | 26.11           | 8.04 | 31.65         | 94.8  | 6.46     | 6.8            | 11.9     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR3(N)    | 0.23 | 1.00     | Surface | 1.00       | 1.00      | 26.17           | 8.16 | 29.32         | 106.9 | 7.34     | 4.6            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR3(N)    | 0.23 | 1.00     | Surface | 1.00       | 2.00      | 26.18           | 8.16 | 29.38         | 102.5 | 7.02     | 4.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR3(N)    | 0.23 | 2.60     | Bottom  | 3.00       | 1.00      | 26.14           | 8.16 | 29.29         | 104.1 | 7.14     | 4.6            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR3(N)    | 0.23 | 2.60     | Bottom  | 3.00       | 2.00      | 26.17           | 8.16 | 29.39         | 101.5 | 6.96     | 4.5            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR4(N)    | 0.20 | 1.00     | Surface | 1.00       | 1.00      | 26.20           | 8.18 | 29.18         | 108.8 | 7.44     | 4.9            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR4(N)    | 0.20 | 1.00     | Surface | 1.00       | 2.00      | 26.22           | 8.17 | 29.19         | 109.3 | 7.49     | 4.9            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR4(N)    | 0.20 | 2.60     | Bottom  | 3.00       | 1.00      | 26.24           | 8.16 | 29.35         | 109.1 | 7.48     | 4.7            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR4(N)    | 0.20 | 2.60     | Bottom  | 3.00       | 2.00      | 26.27           | 8.17 | 29.36         | 108.5 | 7.44     | 4.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR5(N)    | 0.21 | 1.00     | Surface | 1.00       | 1.00      | 25.90           | 8.05 | 30.12         | 98.6  | 6.78     | 2.8            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR5(N)    | 0.21 | 1.00     | Surface | 1.00       | 2.00      | 25.84           | 8.04 | 29.96         | 99.7  | 6.81     | 2.9            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR5(N)    | 0.21 | 4.30     | Middle  | 2.00       | 1.00      | 25.98           | 8.06 | 30.32         | 97.7  | 6.71     | 3.2            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR5(N)    | 0.21 | 4.30     | Middle  | 2.00       | 2.00      | 25.86           | 8.05 | 30.02         | 97.1  | 6.63     | 3.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR5(N)    | 0.21 | 7.50     | Bottom  | 3.00       | 1.00      | 26.02           | 8.06 | 30.63         | 96.5  | 6.60     | 3.5            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR5(N)    | 0.21 | 7.50     | Bottom  | 3.00       | 2.00      | 25.99           | 8.06 | 30.68         | 96.3  | 6.60     | 3.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10A(N)  | 0.16 | 1.00     | Surface | 1.00       | 1.00      | 26.58           | 7.95 | 32.98         | 87.2  | 5.81     | 4.2            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10A(N)  | 0.16 | 1.00     | Surface | 1.00       | 2.00      | 26.51           | 7.95 | 32.80         | 89.3  | 5.95     | 4.1            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10A(N)  | 0.16 | 7.00     | Middle  | 2.00       | 1.00      | 26.60           | 7.95 | 33.05         | 85.7  | 5.72     | 4.4            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10A(N)  | 0.16 | 7.00     | Middle  | 2.00       | 2.00      | 26.60           | 7.95 | 33.05         | 85.5  | 5.71     | 4.4            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10A(N)  | 0.16 | 12.90    | Bottom  | 3.00       | 1.00      | 26.52           | 7.95 | 33.01         | 83.8  | 5.59     | 4.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10A(N)  | 0.16 | 12.90    | Bottom  | 3.00       | 2.00      | 26.57           | 7.97 | 33.00         | 84.6  | 5.64     | 4.7            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10B(N2) | 0.15 | 1.00     | Surface | 1.00       | 1.00      | 26.63           | 7.88 | 33.12         | 84.6  | 5.63     | 4.3            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10B(N2) | 0.15 | 1.00     | Surface | 1.00       | 2.00      | 26.63           | 7.86 | 33.12         | 86.6  | 5.77     | 4.2            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10B(N2) | 0.15 | 3.90     | Middle  | 2.00       | 1.00      | 26.63           | 7.86 | 33.12         | 83.9  | 5.59     | 4.3            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10B(N2) | 0.15 | 3.90     | Middle  | 2.00       | 2.00      | 26.63           | 7.87 | 33.12         | 83.6  | 5.57     | 4.4            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10B(N2) | 0.15 | 6.70     | Bottom  | 3.00       | 1.00      | 26.62           | 7.89 | 33.13         | 82.4  | 5.49     | 4.6            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | SR10B(N2) | 0.15 | 6.70     | Bottom  | 3.00       | 2.00      | 26.63           | 7.86 | 33.12         | 82.7  | 5.51     | 4.5            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS2(A)    | 0.25 | 1.00     | Surface | 1.00       | 1.00      | 25.93           | 8.02 | 30.81         | 98.4  | 6.68     | 4.9            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS2(A)    | 0.25 | 1.00     | Surface | 1.00       | 2.00      | 25.92           | 8.02 | 31.15         | 98.0  | 6.63     | 5.1            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS2(A)    | 0.25 | 4.00     | Middle  | 2.00       | 1.00      | 26.08           | 8.01 | 32.40         | 97.5  | 6.64     | 5.2            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS2(A)    | 0.25 | 4.00     | Middle  | 2.00       | 2.00      | 26.05           | 8.04 | 32.09         | 97.4  | 6.58     | 5.3            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS2(A)    | 0.25 | 6.90     | Bottom  | 3.00       | 1.00      | 26.12           | 8.09 | 32.54         | 95.0  | 6.49     | 5.6            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS2(A)    | 0.25 | 6.90     | Bottom  | 3.00       | 2.00      | 25.99           | 8.01 | 32.56         | 95.9  | 6.47     | 5.4            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS(Mf)5   | 0.17 | 1.00     | Surface | 1.00       | 1.00      | 26.04           | 8.06 | 28.88         | 99.1  | 6.75     | 2.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS(Mf)5   | 0.17 | 1.00     | Surface | 1.00       | 2.00      | 25.95           | 8.09 | 28.15         | 96.5  | 6.69     | 2.9            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS(Mf)5   | 0.17 | 6.20     | Middle  | 2.00       | 1.00      | 26.43           | 8.04 | 30.59         | 98.0  | 6.64     | 2.9            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb | Fine              | CS(Mf)5   | 0.17 | 6.20     | Middle  | 2.00       | 2.00      | 26.43           | 8.08 | 29.94         | 94.6  | 6.43     | 3.0            | 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 | 2017-10-27        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.17 | 11.40    | Bottom  | 3.00       | 1.00      | 26.65           | 7.98 | 31.98         | 95.6  | 6.48     | 3.0            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Ebb   | Fine              | CS(Mf)5   | 0.17 | 11.40    | Bottom  | 3.00       | 2.00      | 26.76           | 8.02 | 30.80         | 94.1  | 6.34     | 3.1            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS5       | 0.68 | 1.00     | Surface | 1.00       | 1.00      | 26.76           | 8.22 | 29.74         | 109.8 | 7.45     | 4.2            | 2.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS5       | 0.68 | 1.00     | Surface | 1.00       | 2.00      | 26.88           | 8.23 | 29.56         | 109.6 | 7.41     | 4.2            | 2.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS5       | 0.68 | 4.50     | Middle  | 2.00       | 1.00      | 26.71           | 8.22 | 29.78         | 106.5 | 7.22     | 4.5            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS5       | 0.68 | 4.50     | Middle  | 2.00       | 2.00      | 26.58           | 8.21 | 29.98         | 109.8 | 7.44     | 4.4            | 2.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS5       | 0.68 | 7.90     | Bottom  | 3.00       | 1.00      | 26.50           | 8.22 | 30.04         | 105.9 | 7.19     | 4.6            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS5       | 0.68 | 7.90     | Bottom  | 3.00       | 2.00      | 26.49           | 8.21 | 30.12         | 108.5 | 7.36     | 4.6            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)6   | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 27.01           | 8.26 | 28.99         | 116.9 | 7.92     | 4.8            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)6   | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 27.07           | 8.26 | 28.99         | 113.5 | 7.68     | 4.9            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)6   | 0.69 | 2.40     | Bottom  | 3.00       | 1.00      | 27.10           | 8.25 | 29.37         | 115.6 | 7.80     | 4.8            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)6   | 0.69 | 2.40     | Bottom  | 3.00       | 2.00      | 27.10           | 8.25 | 29.42         | 110.3 | 7.44     | 4.8            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS7       | 0.69 | 1.00     | Surface | 1.00       | 1.00      | 27.06           | 8.27 | 29.15         | 116.6 | 7.89     | 4.7            | 2.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS7       | 0.69 | 1.00     | Surface | 1.00       | 2.00      | 27.15           | 8.27 | 29.36         | 119.5 | 8.06     | 4.8            | 2.3      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS7       | 0.69 | 2.40     | Bottom  | 3.00       | 1.00      | 27.04           | 8.26 | 29.73         | 118.1 | 7.96     | 4.8            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS7       | 0.69 | 2.40     | Bottom  | 3.00       | 2.00      | 27.03           | 8.26 | 29.63         | 112.9 | 7.61     | 5.0            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS8       | 0.71 | 1.00     | Surface | 1.00       | 1.00      | 26.44           | 8.25 | 28.77         | 109.5 | 7.50     | 7.5            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS8       | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 26.45           | 8.25 | 28.83         | 111.1 | 7.60     | 7.7            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS8       | 0.71 | 3.20     | Bottom  | 3.00       | 1.00      | 26.45           | 8.25 | 28.80         | 110.4 | 7.55     | 7.6            | 9.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS8       | 0.71 | 3.20     | Bottom  | 3.00       | 2.00      | 26.41           | 8.26 | 28.81         | 108.3 | 7.42     | 7.6            | 10.5     |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)9   | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 26.58           | 8.26 | 28.94         | 114.4 | 7.80     | 4.7            | 2.3      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)9   | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 26.62           | 8.26 | 28.76         | 112.2 | 7.66     | 4.8            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)9   | 0.70 | 2.90     | Bottom  | 3.00       | 1.00      | 26.61           | 8.26 | 29.27         | 113.4 | 7.72     | 4.9            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS(Mf)9   | 0.70 | 2.90     | Bottom  | 3.00       | 2.00      | 26.74           | 8.26 | 29.60         | 108.1 | 7.33     | 4.8            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS10(N)   | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 26.19           | 8.12 | 31.47         | 99.0  | 6.69     | 5.2            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS10(N)   | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 26.20           | 8.08 | 31.66         | 99.2  | 6.71     | 5.3            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS10(N)   | 0.70 | 5.50     | Middle  | 2.00       | 1.00      | 26.16           | 8.17 | 31.76         | 97.5  | 6.60     | 5.4            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS10(N)   | 0.71 | 5.50     | Middle  | 2.00       | 2.00      | 26.23           | 8.09 | 31.59         | 97.5  | 6.59     | 5.5            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS10(N)   | 0.70 | 9.90     | Bottom  | 3.00       | 1.00      | 26.07           | 8.15 | 31.81         | 96.4  | 6.53     | 5.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | IS10(N)   | 0.70 | 9.90     | Bottom  | 3.00       | 2.00      | 26.25           | 8.12 | 31.01         | 96.8  | 6.54     | 5.8            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR3(N)    | 0.67 | 1.00     | Surface | 1.00       | 1.00      | 26.53           | 8.22 | 28.27         | 109.1 | 7.49     | 3.3            | 2.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR3(N)    | 0.67 | 1.00     | Surface | 1.00       | 2.00      | 26.56           | 8.23 | 27.99         | 108.9 | 7.47     | 3.2            | 2.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR3(N)    | 0.67 | 2.70     | Bottom  | 3.00       | 1.00      | 26.50           | 8.22 | 28.17         | 109.0 | 7.47     | 3.3            | 2.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR3(N)    | 0.67 | 2.70     | Bottom  | 3.00       | 2.00      | 26.49           | 8.26 | 27.57         | 107.6 | 7.41     | 3.3            | 3.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR4(N)    | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 26.50           | 8.25 | 28.59         | 110.7 | 7.58     | 5.8            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR4(N)    | 0.71 | 1.00     | Surface | 1.00       | 2.00      | 26.51           | 8.25 | 28.69         | 112.5 | 7.70     | 5.6            | 3.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR4(N)    | 0.70 | 2.80     | Bottom  | 3.00       | 1.00      | 26.48           | 8.25 | 28.79         | 108.6 | 7.43     | 5.8            | 7.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR4(N)    | 0.71 | 2.80     | Bottom  | 3.00       | 2.00      | 26.51           | 8.25 | 28.70         | 111.8 | 7.65     | 5.7            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR5(N)    | 0.70 | 1.00     | Surface | 1.00       | 1.00      | 26.19           | 8.12 | 30.83         | 106.1 | 7.21     | 6.3            | 1.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR5(N)    | 0.70 | 1.00     | Surface | 1.00       | 2.00      | 26.21           | 8.12 | 30.90         | 106.3 | 7.24     | 6.2            | 1.7      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR5(N)    | 0.70 | 4.30     | Middle  | 2.00       | 1.00      | 26.22           | 8.13 | 31.11         | 103.0 | 6.99     | 6.6            | 2.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR5(N)    | 0.70 | 4.30     | Middle  | 2.00       | 2.00      | 26.24           | 8.05 | 31.60         | 100.0 | 6.76     | 6.5            | 2.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR5(N)    | 0.70 | 7.60     | Bottom  | 3.00       | 1.00      | 26.27           | 8.03 | 31.83         | 99.8  | 6.77     | 6.7            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR5(N)    | 0.70 | 7.60     | Bottom  | 3.00       | 2.00      | 26.25           | 8.17 | 31.60         | 99.4  | 6.71     | 6.8            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10A(N)  | 0.74 | 1.00     | Surface | 1.00       | 1.00      | 26.57           | 8.02 | 32.72         | 87.5  | 5.84     | 7.3            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10A(N)  | 0.74 | 1.00     | Surface | 1.00       | 2.00      | 26.55           | 8.02 | 32.65         | 87.8  | 5.89     | 7.2            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10A(N)  | 0.74 | 7.00     | Middle  | 2.00       | 1.00      | 26.61           | 8.03 | 32.83         | 85.0  | 5.68     | 7.4            | 3.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10A(N)  | 0.74 | 7.00     | Middle  | 2.00       | 2.00      | 26.61           | 8.01 | 32.82         | 86.2  | 5.76     | 7.5            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10A(N)  | 0.74 | 13.00    | Bottom  | 3.00       | 1.00      | 26.57           | 8.01 | 32.84         | 84.1  | 5.62     | 7.8            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10A(N)  | 0.74 | 13.00    | Bottom  | 3.00       | 2.00      | 26.61           | 8.04 | 32.84         | 84.3  | 5.63     | 7.9            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10B(N2) | 0.75 | 1.00     | Surface | 1.00       | 1.00      | 26.58           | 8.05 | 32.80         | 91.0  | 6.07     | 6.2            | 3.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10B(N2) | 0.75 | 1.00     | Surface | 1.00       | 2.00      | 26.63           | 8.02 | 32.88         | 90.7  | 6.02     | 6.3            | 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 | 2017-10-27        | Mid-Flood | Fine              | SR10B(N2) | 0.75 | 3.90     | Middle  | 2.00       | 1.00      | 26.63           | 8.02 | 32.89         | 87.8  | 5.86     | 6.4            | 6.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10B(N2) | 0.75 | 3.90     | Middle  | 2.00       | 2.00      | 26.61           | 8.09 | 32.85         | 85.4  | 5.70     | 6.5            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10B(N2) | 0.75 | 6.80     | Bottom  | 3.00       | 1.00      | 26.54           | 8.06 | 32.94         | 84.1  | 5.61     | 6.9            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | SR10B(N2) | 0.75 | 6.80     | Bottom  | 3.00       | 2.00      | 26.62           | 8.03 | 32.88         | 83.3  | 5.55     | 6.8            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS2(A)    | 0.66 | 1.00     | Surface | 1.00       | 1.00      | 26.19           | 8.11 | 30.27         | 104.2 | 7.06     | 6.2            | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS2(A)    | 0.66 | 1.00     | Surface | 1.00       | 2.00      | 26.26           | 8.11 | 30.15         | 104.8 | 7.11     | 6.1            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS2(A)    | 0.66 | 4.00     | Middle  | 2.00       | 1.00      | 26.14           | 8.10 | 30.39         | 103.0 | 7.03     | 6.5            | 3.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS2(A)    | 0.66 | 4.00     | Middle  | 2.00       | 2.00      | 25.99           | 8.07 | 31.67         | 102.9 | 7.01     | 6.4            | 4.2      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS2(A)    | 0.66 | 7.00     | Bottom  | 3.00       | 1.00      | 26.09           | 8.08 | 31.68         | 96.2  | 6.53     | 6.8            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS2(A)    | 0.66 | 7.00     | Bottom  | 3.00       | 2.00      | 25.99           | 8.10 | 31.78         | 95.8  | 6.50     | 6.7            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS(Mf)5   | 0.74 | 1.00     | Surface | 1.00       | 1.00      | 26.58           | 8.20 | 29.36         | 98.1  | 6.63     | 2.8            | 2.9      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS(Mf)5   | 0.74 | 1.00     | Surface | 1.00       | 2.00      | 26.60           | 8.19 | 29.53         | 94.3  | 6.37     | 3.0            | 2.6      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS(Mf)5   | 0.74 | 6.40     | Middle  | 2.00       | 1.00      | 26.65           | 8.13 | 30.53         | 92.9  | 6.32     | 2.8            | 2.5      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS(Mf)5   | 0.74 | 6.40     | Middle  | 2.00       | 2.00      | 26.65           | 8.13 | 30.45         | 96.3  | 6.55     | 2.8            | 2.4      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS(Mf)5   | 0.74 | 11.80    | Bottom  | 3.00       | 1.00      | 26.66           | 8.14 | 30.65         | 90.2  | 6.10     | 3.1            | 4.0      |
| HKLR    | HY/2011/03 | 2017-10-27        | Mid-Flood | Fine              | CS(Mf)5   | 0.74 | 11.80    | Bottom  | 3.00       | 2.00      | 26.65           | 8.15 | 30.49         | 92.2  | 6.23     | 3.1            | 2.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS5       | 0.38 | 1.00     | Surface | 1.00       | 1.00      | 25.67           | 8.33 | 28.53         | 125.5 | 8.71     | 4.9            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS5       | 0.38 | 1.00     | Surface | 1.00       | 2.00      | 25.73           | 8.31 | 28.64         | 129.0 | 8.88     | 5.1            | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS5       | 0.38 | 4.20     | Middle  | 2.00       | 1.00      | 25.87           | 8.28 | 28.78         | 125.5 | 8.70     | 5.8            | 4.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS5       | 0.38 | 4.20     | Middle  | 2.00       | 2.00      | 25.74           | 8.30 | 28.49         | 121.1 | 8.40     | 5.8            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS5       | 0.38 | 7.30     | Bottom  | 3.00       | 1.00      | 25.85           | 8.28 | 29.45         | 121.8 | 8.39     | 5.9            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS5       | 0.38 | 7.30     | Bottom  | 3.00       | 2.00      | 25.82           | 8.30 | 29.71         | 125.3 | 8.66     | 5.9            | 4.4      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 25.20           | 8.36 | 28.32         | 128.2 | 8.99     | 4.9            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 25.23           | 8.38 | 28.44         | 131.0 | 9.17     | 4.8            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.37 | 2.20     | Bottom  | 3.00       | 1.00      | 25.20           | 8.37 | 28.40         | 124.9 | 8.76     | 4.9            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)6   | 0.37 | 2.20     | Bottom  | 3.00       | 2.00      | 25.09           | 8.35 | 28.25         | 119.3 | 8.38     | 4.8            | 6.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS7       | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 25.03           | 8.31 | 28.42         | 121.1 | 8.51     | 6.6            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS7       | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 25.04           | 8.32 | 28.54         | 123.0 | 8.64     | 6.5            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS7       | 0.37 | 2.10     | Bottom  | 3.00       | 1.00      | 25.02           | 8.30 | 28.30         | 118.4 | 8.33     | 6.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS7       | 0.37 | 2.10     | Bottom  | 3.00       | 2.00      | 25.04           | 8.31 | 28.52         | 122.5 | 8.60     | 6.6            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS8       | 0.35 | 1.00     | Surface | 1.00       | 1.00      | 25.20           | 8.24 | 27.96         | 121.1 | 8.51     | 14.6           | 25.1     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS8       | 0.35 | 1.00     | Surface | 1.00       | 2.00      | 25.20           | 8.25 | 28.09         | 121.9 | 8.56     | 14.1           | 25.4     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS8       | 0.35 | 3.10     | Bottom  | 3.00       | 1.00      | 25.21           | 8.22 | 27.86         | 120.4 | 8.46     | 14.5           | 23.7     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS8       | 0.35 | 3.10     | Bottom  | 3.00       | 2.00      | 25.19           | 8.25 | 28.03         | 121.6 | 8.54     | 14.8           | 24.5     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.36 | 1.00     | Surface | 1.00       | 1.00      | 25.33           | 8.30 | 28.63         | 125.0 | 8.73     | 6.7            | 7.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.36 | 1.00     | Surface | 1.00       | 2.00      | 25.32           | 8.29 | 28.56         | 123.9 | 8.65     | 6.5            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.36 | 2.60     | Bottom  | 3.00       | 1.00      | 25.32           | 8.29 | 28.60         | 122.4 | 8.55     | 6.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS(Mf)9   | 0.36 | 2.60     | Bottom  | 3.00       | 2.00      | 25.29           | 8.28 | 28.52         | 118.0 | 8.25     | 6.7            | 8.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS10(N)   | 0.36 | 1.00     | Surface | 1.00       | 1.00      | 25.47           | 8.03 | 32.25         | 96.0  | 6.55     | 6.5            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS10(N)   | 0.36 | 1.00     | Surface | 1.00       | 2.00      | 25.46           | 8.03 | 32.24         | 97.2  | 6.57     | 6.3            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS10(N)   | 0.36 | 5.30     | Middle  | 2.00       | 1.00      | 25.86           | 7.98 | 32.68         | 96.9  | 6.61     | 7.1            | 4.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS10(N)   | 0.36 | 5.30     | Middle  | 2.00       | 2.00      | 25.86           | 7.97 | 32.65         | 95.3  | 6.44     | 6.8            | 4.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS10(N)   | 0.36 | 9.60     | Bottom  | 3.00       | 1.00      | 25.91           | 7.97 | 32.72         | 94.0  | 6.36     | 7.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | IS10(N)   | 0.36 | 9.60     | Bottom  | 3.00       | 2.00      | 25.84           | 7.98 | 32.70         | 96.1  | 6.50     | 8.0            | 8.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR3(N)    | 0.39 | 1.00     | Surface | 1.00       | 1.00      | 25.61           | 8.37 | 28.74         | 135.0 | 9.38     | 4.1            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR3(N)    | 0.39 | 1.00     | Surface | 1.00       | 2.00      | 25.61           | 8.37 | 28.69         | 133.1 | 9.24     | 4.1            | 3.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR3(N)    | 0.39 | 2.30     | Bottom  | 3.00       | 1.00      | 25.54           | 8.36 | 28.69         | 119.5 | 8.31     | 4.1            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR3(N)    | 0.39 | 2.30     | Bottom  | 3.00       | 2.00      | 25.61           | 8.37 | 28.73         | 129.0 | 8.96     | 4.1            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR4(N)    | 0.36 | 1.00     | Surface | 1.00       | 1.00      | 25.00           | 8.20 | 27.50         | 113.4 | 8.01     | 5.1            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR4(N)    | 0.36 | 1.00     | Surface | 1.00       | 2.00      | 25.03           | 8.20 | 27.63         | 112.6 | 7.95     | 5.1            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR4(N)    | 0.36 | 2.60     | Bottom  | 3.00       | 1.00      | 25.03           | 8.21 | 27.42         | 113.3 | 8.01     | 5.1            | 4.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR4(N)    | 0.36 | 2.60     | Bottom  | 3.00       | 2.00      | 25.04           | 8.20 | 27.59         | 113.0 | 7.97     | 5.3            | 3.9      |

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 | 2017-10-30        | Mid-Ebb   | Sunny             | SR5(N)    | 0.37 | 1.00     | Surface | 1.00       | 1.00      | 25.58           | 8.03 | 32.25         | 93.3  | 6.36     | 5.8            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR5(N)    | 0.37 | 1.00     | Surface | 1.00       | 2.00      | 25.52           | 8.03 | 32.22         | 93.3  | 6.36     | 5.5            | 3.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR5(N)    | 0.37 | 4.20     | Middle  | 2.00       | 1.00      | 25.89           | 7.98 | 32.69         | 92.7  | 6.27     | 6.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR5(N)    | 0.37 | 4.20     | Middle  | 2.00       | 2.00      | 25.89           | 8.00 | 32.69         | 93.5  | 6.32     | 6.0            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR5(N)    | 0.37 | 7.30     | Bottom  | 3.00       | 1.00      | 25.86           | 7.98 | 32.68         | 94.4  | 6.38     | 7.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR5(N)    | 0.37 | 7.30     | Bottom  | 3.00       | 2.00      | 25.88           | 8.03 | 32.68         | 96.0  | 6.49     | 7.0            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.32 | 1.00     | Surface | 1.00       | 1.00      | 26.21           | 7.99 | 33.30         | 86.6  | 5.80     | 6.6            | 3.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.32 | 1.00     | Surface | 1.00       | 2.00      | 26.20           | 8.00 | 33.30         | 87.1  | 5.84     | 6.3            | 3.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.32 | 6.80     | Middle  | 2.00       | 1.00      | 26.21           | 7.97 | 33.30         | 87.1  | 5.84     | 7.1            | 4.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.32 | 6.80     | Middle  | 2.00       | 2.00      | 26.20           | 7.98 | 33.30         | 86.8  | 5.81     | 7.2            | 5.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.32 | 12.60    | Bottom  | 3.00       | 1.00      | 26.21           | 7.98 | 33.30         | 87.0  | 5.83     | 8.0            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10A(N)  | 0.32 | 12.60    | Bottom  | 3.00       | 2.00      | 26.21           | 7.97 | 33.30         | 87.9  | 5.89     | 8.4            | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.31 | 1.00     | Surface | 1.00       | 1.00      | 26.20           | 7.93 | 33.30         | 93.5  | 6.27     | 6.0            | 3.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.31 | 1.00     | Surface | 1.00       | 2.00      | 26.20           | 7.94 | 33.30         | 96.3  | 6.45     | 5.9            | 2.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.31 | 3.30     | Middle  | 2.00       | 1.00      | 26.21           | 7.94 | 33.30         | 90.2  | 6.04     | 6.8            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.31 | 3.30     | Middle  | 2.00       | 2.00      | 26.21           | 7.93 | 33.30         | 92.5  | 6.20     | 6.5            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.31 | 5.60     | Bottom  | 3.00       | 1.00      | 26.21           | 7.92 | 33.30         | 89.4  | 5.99     | 7.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | SR10B(N2) | 0.31 | 5.60     | Bottom  | 3.00       | 2.00      | 26.21           | 7.92 | 33.31         | 88.2  | 5.91     | 6.8            | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS2(A)    | 0.41 | 1.00     | Surface | 1.00       | 1.00      | 25.25           | 8.09 | 32.79         | 104.4 | 7.13     | 8.2            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS2(A)    | 0.41 | 1.00     | Surface | 1.00       | 2.00      | 25.24           | 8.11 | 32.79         | 105.1 | 7.18     | 8.3            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS2(A)    | 0.40 | 3.70     | Middle  | 2.00       | 1.00      | 25.25           | 8.11 | 32.79         | 104.8 | 7.16     | 8.8            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS2(A)    | 0.41 | 3.70     | Middle  | 2.00       | 2.00      | 25.25           | 8.09 | 32.79         | 104.5 | 7.13     | 9.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS2(A)    | 0.40 | 6.40     | Bottom  | 3.00       | 1.00      | 25.25           | 8.10 | 32.80         | 105.0 | 7.17     | 9.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS2(A)    | 0.41 | 6.40     | Bottom  | 3.00       | 2.00      | 25.25           | 8.09 | 32.79         | 104.9 | 7.17     | 10.1           | 7.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.33 | 1.00     | Surface | 1.00       | 1.00      | 26.34           | 7.95 | 30.90         | 91.2  | 6.16     | 3.1            | 5.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.33 | 1.00     | Surface | 1.00       | 2.00      | 26.36           | 7.99 | 30.31         | 87.6  | 5.95     | 3.0            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.33 | 6.30     | Middle  | 2.00       | 1.00      | 26.37           | 7.93 | 31.13         | 89.8  | 6.07     | 3.0            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.33 | 6.30     | Middle  | 2.00       | 2.00      | 26.37           | 7.98 | 30.41         | 87.5  | 5.94     | 2.9            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.33 | 11.50    | Bottom  | 3.00       | 1.00      | 26.36           | 7.91 | 31.42         | 89.3  | 6.05     | 3.0            | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Ebb   | Sunny             | CS(Mf)5   | 0.33 | 11.50    | Bottom  | 3.00       | 2.00      | 26.37           | 7.97 | 30.53         | 87.4  | 5.93     | 3.1            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS5       | 0.64 | 1.00     | Surface | 1.00       | 1.00      | 25.80           | 8.55 | 27.47         | 144.5 | 10.17    | 5.3            | 6.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS5       | 0.64 | 1.00     | Surface | 1.00       | 2.00      | 25.78           | 8.55 | 27.60         | 144.8 | 10.21    | 5.4            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS5       | 0.64 | 4.60     | Middle  | 2.00       | 1.00      | 25.79           | 8.54 | 27.53         | 143.5 | 10.02    | 5.7            | 8.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS5       | 0.64 | 4.60     | Middle  | 2.00       | 2.00      | 25.76           | 8.55 | 27.66         | 143.8 | 10.06    | 5.7            | 9.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS5       | 0.64 | 8.20     | Bottom  | 3.00       | 1.00      | 25.74           | 8.54 | 27.68         | 143.1 | 9.97     | 5.7            | 9.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS5       | 0.64 | 8.20     | Bottom  | 3.00       | 2.00      | 25.73           | 8.53 | 27.53         | 142.8 | 9.90     | 5.8            | 8.4      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)6   | 0.65 | 1.00     | Surface | 1.00       | 1.00      | 25.76           | 8.54 | 27.39         | 143.5 | 10.02    | 8.2            | 6.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)6   | 0.65 | 1.00     | Surface | 1.00       | 2.00      | 25.81           | 8.56 | 27.54         | 142.1 | 9.94     | 8.5            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)6   | 0.65 | 2.50     | Bottom  | 3.00       | 1.00      | 25.76           | 8.55 | 27.51         | 124.5 | 8.88     | 8.5            | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)6   | 0.65 | 2.50     | Bottom  | 3.00       | 2.00      | 25.65           | 8.56 | 27.28         | 122.0 | 8.54     | 8.5            | 5.4      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS7       | 0.66 | 1.00     | Surface | 1.00       | 1.00      | 25.85           | 8.56 | 27.68         | 145.2 | 10.05    | 4.1            | 12.0     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS7       | 0.66 | 1.00     | Surface | 1.00       | 2.00      | 25.83           | 8.55 | 27.64         | 146.4 | 10.19    | 4.2            | 11.6     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS7       | 0.66 | 2.20     | Bottom  | 3.00       | 1.00      | 25.85           | 8.56 | 27.68         | 132.5 | 9.23     | 4.2            | 21.9     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS7       | 0.66 | 2.20     | Bottom  | 3.00       | 2.00      | 25.79           | 8.55 | 27.61         | 130.8 | 9.11     | 4.1            | 20.2     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS8       | 0.68 | 1.00     | Surface | 1.00       | 1.00      | 25.71           | 8.38 | 28.03         | 131.0 | 9.11     | 12.8           | 15.4     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS8       | 0.68 | 1.00     | Surface | 1.00       | 2.00      | 25.73           | 8.38 | 28.09         | 132.8 | 9.24     | 12.5           | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS8       | 0.68 | 3.10     | Bottom  | 3.00       | 1.00      | 25.72           | 8.38 | 28.18         | 127.7 | 8.89     | 13.0           | 15.2     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS8       | 0.68 | 3.10     | Bottom  | 3.00       | 2.00      | 25.72           | 8.36 | 28.20         | 123.1 | 8.56     | 13.2           | 15.3     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)9   | 0.67 | 1.00     | Surface | 1.00       | 1.00      | 25.69           | 8.43 | 27.83         | 138.9 | 9.69     | 6.4            | 9.4      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)9   | 0.67 | 1.00     | Surface | 1.00       | 2.00      | 25.68           | 8.44 | 27.76         | 136.9 | 9.55     | 6.3            | 8.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)9   | 0.67 | 2.70     | Bottom  | 3.00       | 1.00      | 25.66           | 8.44 | 27.73         | 131.3 | 9.16     | 6.3            | 10.6     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS(Mf)9   | 0.67 | 2.70     | Bottom  | 3.00       | 2.00      | 25.68           | 8.43 | 27.83         | 131.8 | 9.20     | 6.4            | 9.2      |

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 | 2017-10-30        | Mid-Flood | Sunny             | IS10(N)   | 0.67     | 1.00     | Surface | 1.00       | 1.00      | 25.63           | 8.21 | 31.88         | 122.7 | 8.37     | 6.6            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS10(N)   | 0.67     | 1.00     | Surface | 1.00       | 2.00      | 25.66           | 8.18 | 31.93         | 121.1 | 8.25     | 6.8            | 4.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS10(N)   | 0.67     | 5.30     | Middle  | 2.00       | 1.00      | 25.79           | 8.13 | 32.29         | 120.1 | 8.15     | 7.2            | 6.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS10(N)   | 0.67     | 5.30     | Middle  | 2.00       | 2.00      | 25.77           | 8.13 | 32.26         | 121.4 | 8.24     | 7.0            | 6.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS10(N)   | 0.67     | 9.60     | Bottom  | 3.00       | 1.00      | 25.76           | 8.14 | 32.28         | 123.0 | 8.35     | 8.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | IS10(N)   | 0.67     | 9.60     | Bottom  | 3.00       | 2.00      | 25.79           | 8.15 | 32.31         | 120.3 | 8.16     | 8.3            | 10.2     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR3(N)    | 0.63     | 1.00     | Surface | 1.00       | 1.00      | 25.66           | 8.53 | 25.92         | 156.6 | 11.03    | 6.8            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR3(N)    | 0.63     | 1.00     | Surface | 1.00       | 2.00      | 25.66           | 8.52 | 26.18         | 158.6 | 11.17    | 6.9            | 7.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR3(N)    | 0.63     | 2.80     | Bottom  | 3.00       | 1.00      | 25.67           | 8.54 | 25.65         | 143.3 | 10.12    | 6.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR3(N)    | 0.63     | 2.80     | Bottom  | 3.00       | 2.00      | 25.66           | 8.52 | 26.08         | 152.8 | 10.77    | 6.9            | 9.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR4(N)    | 0.67     | 1.00     | Surface | 1.00       | 1.00      | 25.79           | 8.31 | 28.30         | 115.8 | 8.04     | 12.5           | 16.7     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR4(N)    | 0.67     | 1.00     | Surface | 1.00       | 2.00      | 25.79           | 8.30 | 28.33         | 118.2 | 8.20     | 12.2           | 16.1     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR4(N)    | 0.67     | 2.70     | Bottom  | 3.00       | 1.00      | 25.77           | 8.33 | 28.29         | 112.1 | 7.78     | 12.2           | 22.8     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR4(N)    | 0.67     | 2.70     | Bottom  | 3.00       | 2.00      | 25.79           | 8.30 | 28.34         | 116.9 | 8.12     | 12.6           | 21.6     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR5(N)    | 0.66     | 1.00     | Surface | 1.00       | 1.00      | 25.63           | 8.19 | 31.89         | 120.3 | 8.21     | 8.3            | 5.9      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR5(N)    | 0.66     | 1.00     | Surface | 1.00       | 2.00      | 25.63           | 8.23 | 31.88         | 116.6 | 7.95     | 7.9            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR5(N)    | 0.66     | 4.30     | Middle  | 2.00       | 1.00      | 25.71           | 8.22 | 32.16         | 113.8 | 7.74     | 8.8            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR5(N)    | 0.66     | 4.30     | Middle  | 2.00       | 2.00      | 25.70           | 8.21 | 32.17         | 118.9 | 8.09     | 9.2            | 6.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR5(N)    | 0.66     | 7.60     | Bottom  | 3.00       | 1.00      | 25.77           | 8.23 | 32.26         | 110.2 | 7.48     | 9.8            | 7.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR5(N)    | 0.66     | 7.60     | Bottom  | 3.00       | 2.00      | 25.77           | 8.22 | 32.27         | 120.4 | 8.18     | 10.3           | 7.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10A(N)  | 0.71     | 1.00     | Surface | 1.00       | 1.00      | 26.23           | 7.98 | 33.26         | 92.9  | 6.22     | 6.2            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10A(N)  | 0.71     | 1.00     | Surface | 1.00       | 2.00      | 26.23           | 8.01 | 33.26         | 89.2  | 5.97     | 6.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10A(N)  | 0.71     | 6.80     | Middle  | 2.00       | 1.00      | 26.23           | 8.03 | 33.25         | 90.2  | 6.04     | 7.4            | 10.0     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10A(N)  | 0.71     | 6.80     | Middle  | 2.00       | 2.00      | 26.23           | 7.98 | 33.26         | 87.6  | 5.87     | 7.2            | 10.7     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10A(N)  | 0.71     | 12.60    | Bottom  | 3.00       | 1.00      | 26.23           | 8.06 | 33.25         | 87.0  | 5.83     | 7.8            | 9.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10A(N)  | 0.71     | 12.60    | Bottom  | 3.00       | 2.00      | 26.23           | 7.99 | 33.26         | 87.1  | 5.83     | 8.0            | 10.8     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10B(N2) | 0.72     | 1.00     | Surface | 1.00       | 1.00      | 26.21           | 7.99 | 33.26         | 85.7  | 5.74     | 3.6            | 5.0      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10B(N2) | 0.72     | 1.00     | Surface | 1.00       | 2.00      | 26.20           | 7.98 | 33.26         | 86.2  | 5.78     | 3.6            | 5.2      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10B(N2) | 0.72     | 3.30     | Middle  | 2.00       | 1.00      | 26.22           | 7.99 | 33.26         | 86.2  | 5.77     | 4.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10B(N2) | 0.72     | 3.30     | Middle  | 2.00       | 2.00      | 26.22           | 7.98 | 33.26         | 86.2  | 5.77     | 3.8            | 6.3      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10B(N2) | 0.72     | 5.50     | Bottom  | 3.00       | 1.00      | 26.22           | 7.98 | 33.26         | 86.2  | 5.78     | 4.2            | 8.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | SR10B(N2) | 0.72     | 5.50     | Bottom  | 3.00       | 2.00      | 26.24           | 8.00 | 33.26         | 86.4  | 5.79     | 4.4            | 7.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS2(A)    | 0.61     | 1.00     | Surface | 1.00       | 1.00      | 25.45           | 8.19 | 32.07         | 119.5 | 8.17     | 10.4           | 5.7      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS2(A)    | 0.61     | 1.00     | Surface | 1.00       | 2.00      | 25.50           | 8.20 | 32.00         | 127.2 | 8.69     | 10.7           | 4.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS2(A)    | 0.61     | 3.80     | Middle  | 2.00       | 1.00      | 25.38           | 8.20 | 32.24         | 122.1 | 8.34     | 12.2           | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS2(A)    | 0.61     | 3.80     | Middle  | 2.00       | 2.00      | 25.39           | 8.21 | 32.22         | 122.2 | 8.35     | 11.8           | 5.6      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS2(A)    | 0.61     | 6.50     | Bottom  | 3.00       | 1.00      | 25.38           | 8.20 | 32.31         | 107.7 | 7.36     | 12.5           | 5.8      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS2(A)    | 0.61     | 6.50     | Bottom  | 3.00       | 2.00      | 25.34           | 8.18 | 32.34         | 115.4 | 7.89     | 13.1           | 5.1      |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS(Mf)5   | 0.70     | 1.00     | Surface | 1.00       | 1.00      | 26.36           | 8.10 | 29.63         | 89.4  | 6.09     | 14.1           | 14.5     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS(Mf)5   | 0.70     | 1.00     | Surface | 1.00       | 2.00      | 26.36           | 8.11 | 29.62         | 88.3  | 6.02     | 14.0           | 14.8     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS(Mf)5   | 0.70     | 6.40     | Middle  | 2.00       | 1.00      | 26.36           | 8.10 | 29.76         | 88.0  | 6.01     | 14.5           | 14.0     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS(Mf)5   | 0.70     | 6.40     | Middle  | 2.00       | 2.00      | 26.36           | 8.10 | 29.74         | 89.0  | 6.07     | 14.2           | 15.5     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS(Mf)5   | 0.70     | 11.70    | Bottom  | 3.00       | 1.00      | 26.36           | 8.10 | 29.78         | 88.9  | 6.06     | 14.1           | 13.9     |
| HKLR    | HY/2011/03 | 2017-10-30        | Mid-Flood | Sunny             | CS(Mf)5   | 0.70     | 11.70    | Bottom  | 3.00       | 2.00      | 26.36           | 8.10 | 29.77         | 88.0  | 6.00     | 14.3           | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | ISS       | 10:35:15 | 1.0      | Surface | 1          | 1         | 25.13           | 8.33 | 29.41         | 121.1 | 8.45     | 10.5           | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | ISS       | 10:34:47 | 1.0      | Surface | 1          | 2         | 25.13           | 8.33 | 29.38         | 117.5 | 8.20     | 10.4           | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | ISS       | 10:34:38 | 4.2      | Middle  | 2          | 1         | 25.07           | 8.29 | 29.60         | 113.9 | 7.94     | 10.6           | 14.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | ISS       | 10:35:06 | 4.2      | Middle  | 2          | 2         | 25.09           | 8.30 | 29.58         | 120.6 | 8.40     | 10.7           | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | ISS       | 10:34:57 | 7.4      | Bottom  | 3          | 1         | 25.10           | 8.31 | 29.67         | 119.3 | 8.32     | 10.8           | 17.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | ISS       | 10:34:26 | 7.4      | Bottom  | 3          | 2         | 25.07           | 8.30 | 29.69         | 113.9 | 7.94     | 10.8           | 16.5     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | IS(Mf)6   | 10:26:46 | 1.0      | Surface | 1          | 1         | 25.21           | 8.38 | 29.01         | 126.4 | 8.83     | 13.2           | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | IS(Mf)6   | 10:26:32 | 1.0      | Surface | 1          | 2         | 25.17           | 8.38 | 29.02         | 124.0 | 8.66     | 13.2           | 11.0     |

## 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 | 2017-11-01        | Mid-Ebb | Sunny             | IS(Mf)6   | 10:26:23 | 2.3      | Bottom  | 3          | 1         | 25.13           | 8.38 | 29.05         | 116.6 | 8.15     | 13.2           | 16.4     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS(Mf)6   | 10:26:39 | 2.3      | Bottom  | 3          | 2         | 25.17           | 8.37 | 29.06         | 120.9 | 8.45     | 13.5           | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS7       | 10:18:59 | 1.0      | Surface | 1          | 1         | 25.16           | 8.44 | 28.76         | 134.5 | 9.41     | 4.8            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS7       | 10:18:45 | 1.0      | Surface | 1          | 2         | 25.11           | 8.43 | 28.74         | 129.7 | 9.08     | 4.5            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS7       | 10:18:37 | 2.1      | Bottom  | 3          | 1         | 25.03           | 8.43 | 28.71         | 118.6 | 8.32     | 4.5            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS7       | 10:18:50 | 2.1      | Bottom  | 3          | 2         | 25.12           | 8.43 | 28.74         | 126.1 | 8.84     | 4.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS8       | 9:49:33  | 1.0      | Surface | 1          | 1         | 25.31           | 8.31 | 28.84         | 128.0 | 8.93     | 10.6           | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS8       | 9:49:17  | 1.0      | Surface | 1          | 2         | 25.26           | 8.31 | 28.73         | 127.9 | 8.92     | 10.9           | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS8       | 9:49:04  | 3.0      | Bottom  | 3          | 1         | 25.31           | 8.26 | 28.84         | 119.3 | 8.32     | 10.5           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS8       | 9:49:27  | 3.0      | Bottom  | 3          | 2         | 25.33           | 8.30 | 28.94         | 124.6 | 8.71     | 10.4           | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS(Mf)9   | 10:09:59 | 1.0      | Surface | 1          | 1         | 25.10           | 8.45 | 28.82         | 141.6 | 9.92     | 4.2            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS(Mf)9   | 10:09:42 | 1.0      | Surface | 1          | 2         | 25.12           | 8.43 | 28.78         | 141.1 | 9.88     | 4.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS(Mf)9   | 10:09:29 | 2.5      | Bottom  | 3          | 1         | 25.08           | 8.41 | 28.79         | 132.6 | 9.29     | 4.3            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS(Mf)9   | 10:09:51 | 2.5      | Bottom  | 3          | 2         | 25.07           | 8.44 | 28.82         | 138.0 | 9.67     | 4.2            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS10(N)   | 10:29:01 | 1.0      | Surface | 1          | 1         | 25.22           | 8.17 | 32.89         | 111.0 | 7.58     | 6.6            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS10(N)   | 10:28:24 | 1.0      | Surface | 1          | 2         | 25.23           | 8.19 | 32.89         | 111.7 | 7.63     | 7.0            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS10(N)   | 10:28:51 | 5.3      | Middle  | 2          | 1         | 25.10           | 8.16 | 32.92         | 109.8 | 7.51     | 6.2            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS10(N)   | 10:27:57 | 5.3      | Middle  | 2          | 2         | 25.10           | 8.20 | 32.94         | 106.0 | 7.25     | 6.3            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS10(N)   | 10:28:43 | 9.6      | Bottom  | 3          | 1         | 24.98           | 8.17 | 32.95         | 109.9 | 7.53     | 6.9            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | IS10(N)   | 10:27:46 | 9.6      | Bottom  | 3          | 2         | 25.07           | 8.20 | 32.94         | 103.2 | 7.06     | 7.3            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR3(N)    | 10:46:35 | 1.0      | Surface | 1          | 1         | 25.25           | 8.39 | 29.02         | 130.0 | 9.07     | 6.7            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR3(N)    | 10:46:18 | 1.0      | Surface | 1          | 2         | 25.25           | 8.38 | 28.96         | 128.3 | 8.96     | 6.7            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR3(N)    | 10:46:27 | 2.4      | Bottom  | 3          | 1         | 25.18           | 8.38 | 29.07         | 124.9 | 8.71     | 6.8            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR3(N)    | 10:46:05 | 2.4      | Bottom  | 3          | 2         | 25.12           | 8.35 | 29.05         | 119.9 | 8.38     | 6.8            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR4(N)    | 9:57:24  | 1.0      | Surface | 1          | 1         | 24.92           | 8.30 | 28.23         | 118.9 | 8.38     | 4.8            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR4(N)    | 9:57:08  | 1.0      | Surface | 1          | 2         | 25.03           | 8.29 | 28.28         | 114.3 | 8.04     | 4.9            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR4(N)    | 9:57:14  | 2.5      | Bottom  | 3          | 1         | 25.04           | 8.28 | 28.92         | 117.1 | 8.20     | 5.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR4(N)    | 9:56:59  | 2.5      | Bottom  | 3          | 2         | 25.11           | 8.29 | 28.62         | 111.5 | 7.82     | 5.1            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR5(N)    | 10:46:59 | 1.0      | Surface | 1          | 1         | 25.20           | 8.17 | 32.88         | 112.3 | 7.67     | 4.0            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR5(N)    | 10:46:25 | 1.0      | Surface | 1          | 2         | 25.22           | 8.17 | 32.88         | 112.3 | 7.67     | 4.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR5(N)    | 10:46:10 | 4.3      | Middle  | 2          | 1         | 25.19           | 8.17 | 32.89         | 111.3 | 7.60     | 4.6            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR5(N)    | 10:46:48 | 4.3      | Middle  | 2          | 2         | 25.16           | 8.17 | 32.90         | 111.6 | 7.63     | 4.5            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR5(N)    | 10:46:38 | 7.5      | Bottom  | 3          | 1         | 25.10           | 8.16 | 32.89         | 111.9 | 7.65     | 4.8            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR5(N)    | 10:45:54 | 7.5      | Bottom  | 3          | 2         | 24.90           | 8.18 | 32.98         | 109.8 | 7.53     | 5.0            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10A(N)  | 9:27:39  | 1.0      | Surface | 1          | 1         | 25.81           | 7.79 | 33.34         | 87.9  | 5.93     | 6.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10A(N)  | 9:27:11  | 1.0      | Surface | 1          | 2         | 25.82           | 7.77 | 33.34         | 87.7  | 5.92     | 6.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10A(N)  | 9:27:29  | 6.8      | Middle  | 2          | 1         | 25.81           | 7.79 | 33.33         | 87.5  | 5.90     | 6.9            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10A(N)  | 9:26:57  | 6.8      | Middle  | 2          | 2         | 25.81           | 7.77 | 33.34         | 87.6  | 5.91     | 7.1            | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10A(N)  | 9:27:19  | 12.6     | Bottom  | 3          | 1         | 25.81           | 7.78 | 33.33         | 87.9  | 5.93     | 8.2            | 15.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10A(N)  | 9:26:43  | 12.6     | Bottom  | 3          | 2         | 25.81           | 7.77 | 33.34         | 88.3  | 5.95     | 8.0            | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10B(N2) | 9:13:40  | 1.0      | Surface | 1          | 1         | 25.82           | 7.77 | 33.34         | 97.6  | 6.58     | 5.9            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10B(N2) | 9:14:11  | 1.0      | Surface | 1          | 2         | 25.81           | 7.78 | 33.34         | 92.2  | 6.22     | 6.2            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10B(N2) | 9:13:58  | 3.3      | Middle  | 2          | 1         | 25.81           | 7.78 | 33.34         | 89.2  | 6.02     | 6.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10B(N2) | 9:13:24  | 3.3      | Middle  | 2          | 2         | 25.81           | 7.77 | 33.34         | 88.7  | 5.98     | 6.6            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10B(N2) | 9:13:49  | 5.6      | Bottom  | 3          | 1         | 25.81           | 7.78 | 33.34         | 90.0  | 6.07     | 7.5            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | SR10B(N2) | 9:13:10  | 5.6      | Bottom  | 3          | 2         | 25.80           | 7.78 | 33.34         | 88.9  | 5.99     | 7.2            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | CS2(A)    | 11:40:22 | 1.0      | Surface | 1          | 1         | 25.03           | 8.08 | 33.46         | 99.0  | 6.76     | 5.0            | 4.2      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | CS2(A)    | 11:39:52 | 1.0      | Surface | 1          | 2         | 25.03           | 8.13 | 33.46         | 99.2  | 6.78     | 4.7            | 5.2      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | CS2(A)    | 11:39:42 | 3.8      | Middle  | 2          | 1         | 24.94           | 8.12 | 33.46         | 98.9  | 6.76     | 5.4            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | CS2(A)    | 11:40:13 | 3.8      | Middle  | 2          | 2         | 24.92           | 8.09 | 33.44         | 98.0  | 6.70     | 5.6            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | CS2(A)    | 11:40:04 | 6.6      | Bottom  | 3          | 1         | 24.93           | 8.10 | 33.44         | 98.8  | 6.76     | 6.7            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb | Sunny             | CS2(A)    | 11:39:26 | 6.6      | Bottom  | 3          | 2         | 24.95           | 8.13 | 33.46         | 97.5  | 6.67     | 6.6            | 11.8     |

## 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 | 2017-11-01        | Mid-Ebb   | Sunny             | CS(Mf)5  | 9:23:49  | 1.0      | Surface | 1          | 1         | 25.99           | 8.00 | 30.53         | 102.2 | 6.93     | 4.2            | 5.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | CS(Mf)5  | 9:23:07  | 1.0      | Surface | 1          | 2         | 25.99           | 7.97 | 31.09         | 98.3  | 6.68     | 4.2            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | CS(Mf)5  | 9:22:54  | 6.1      | Middle  | 2          | 1         | 25.98           | 7.95 | 31.52         | 93.0  | 6.36     | 4.1            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | CS(Mf)5  | 9:23:40  | 6.1      | Middle  | 2          | 2         | 25.98           | 7.99 | 30.68         | 93.8  | 6.40     | 4.4            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | CS(Mf)5  | 9:22:41  | 11.2     | Bottom  | 3          | 1         | 25.97           | 7.93 | 32.00         | 96.2  | 6.55     | 4.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Ebb   | Sunny             | CS(Mf)5  | 9:23:26  | 11.2     | Bottom  | 3          | 2         | 25.98           | 7.98 | 30.86         | 93.0  | 6.35     | 4.1            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS5      | 16:03:24 | 1.0      | Surface | 1          | 1         | 25.78           | 8.45 | 29.70         | 145.7 | 10.03    | 6.6            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS5      | 16:02:47 | 1.0      | Surface | 1          | 2         | 25.77           | 8.43 | 29.55         | 142.5 | 9.83     | 6.5            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS5      | 16:03:11 | 4.5      | Middle  | 2          | 1         | 25.61           | 8.42 | 29.83         | 141.2 | 9.74     | 6.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS5      | 16:02:35 | 4.5      | Middle  | 2          | 2         | 25.44           | 8.38 | 29.82         | 136.4 | 9.41     | 6.5            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS5      | 16:02:59 | 7.9      | Bottom  | 3          | 1         | 25.66           | 8.43 | 29.80         | 127.6 | 8.84     | 10.2           | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS5      | 16:02:26 | 7.9      | Bottom  | 3          | 2         | 25.32           | 8.37 | 29.88         | 125.2 | 8.68     | 10.4           | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)6  | 16:14:49 | 1.0      | Surface | 1          | 1         | 25.80           | 8.46 | 29.80         | 143.0 | 9.84     | 7.2            | 11.3     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)6  | 16:15:09 | 1.0      | Surface | 1          | 2         | 25.81           | 8.47 | 29.89         | 146.9 | 10.10    | 7.1            | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)6  | 16:14:39 | 2.0      | Bottom  | 3          | 1         | 25.74           | 8.45 | 29.84         | 132.0 | 9.09     | 7.2            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)6  | 16:14:57 | 2.0      | Bottom  | 3          | 2         | 25.77           | 8.46 | 29.91         | 139.3 | 9.59     | 7.2            | 13.5     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS7      | 16:25:05 | 1.0      | Surface | 1          | 1         | 25.67           | 8.44 | 30.13         | 139.0 | 9.57     | 7.2            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS7      | 16:24:51 | 1.0      | Surface | 1          | 2         | 25.71           | 8.44 | 30.07         | 137.0 | 9.43     | 7.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS7      | 16:24:38 | 2.1      | Bottom  | 3          | 1         | 25.50           | 8.40 | 30.24         | 125.6 | 8.67     | 7.8            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS7      | 16:24:57 | 2.1      | Bottom  | 3          | 2         | 25.63           | 8.43 | 30.21         | 134.2 | 9.23     | 7.8            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS8      | 16:58:08 | 1.0      | Surface | 1          | 1         | 26.03           | 8.37 | 30.70         | 135.4 | 9.23     | 12.5           | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS8      | 16:57:49 | 1.0      | Surface | 1          | 2         | 26.04           | 8.37 | 30.62         | 134.2 | 9.15     | 12.9           | 13.5     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS8      | 16:57:41 | 3.4      | Bottom  | 3          | 1         | 25.98           | 8.35 | 30.73         | 120.8 | 8.25     | 12.8           | 17.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS8      | 16:58:02 | 3.4      | Bottom  | 3          | 2         | 26.01           | 8.37 | 30.79         | 126.8 | 8.65     | 13.0           | 17.3     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)9  | 16:39:12 | 1.0      | Surface | 1          | 1         | 25.55           | 8.33 | 30.63         | 122.2 | 8.41     | 10.1           | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)9  | 16:38:55 | 1.0      | Surface | 1          | 2         | 25.56           | 8.35 | 30.56         | 121.8 | 8.38     | 10.4           | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)9  | 16:39:06 | 2.8      | Bottom  | 3          | 1         | 25.54           | 8.33 | 30.67         | 118.9 | 8.18     | 10.9           | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS(Mf)9  | 16:38:44 | 2.8      | Bottom  | 3          | 2         | 25.52           | 8.34 | 30.62         | 114.6 | 7.89     | 10.5           | 15.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS10(N)  | 16:49:32 | 1.0      | Surface | 1          | 1         | 25.31           | 8.12 | 33.04         | 110.8 | 7.55     | 12.2           | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS10(N)  | 16:48:44 | 1.0      | Surface | 1          | 2         | 25.30           | 8.13 | 33.04         | 110.5 | 7.53     | 11.8           | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS10(N)  | 16:49:09 | 5.4      | Middle  | 2          | 1         | 25.28           | 8.12 | 33.05         | 110.6 | 7.54     | 13.3           | 18.4     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS10(N)  | 16:48:32 | 5.4      | Middle  | 2          | 2         | 25.29           | 8.13 | 33.05         | 111.1 | 7.57     | 12.7           | 19.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS10(N)  | 16:48:20 | 9.7      | Bottom  | 3          | 1         | 25.30           | 8.15 | 33.06         | 112.4 | 7.66     | 14.8           | 18.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | IS10(N)  | 16:49:01 | 9.7      | Bottom  | 3          | 2         | 25.28           | 8.12 | 33.05         | 111.1 | 7.57     | 15.0           | 19.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR3(N)   | 15:51:34 | 1.0      | Surface | 1          | 1         | 25.71           | 8.47 | 27.45         | 137.9 | 9.60     | 10.9           | 13.3     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR3(N)   | 15:51:51 | 1.0      | Surface | 1          | 2         | 25.70           | 8.45 | 27.77         | 139.4 | 9.72     | 10.3           | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR3(N)   | 15:51:41 | 2.1      | Bottom  | 3          | 1         | 25.70           | 8.46 | 27.61         | 137.3 | 9.58     | 10.5           | 17.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR3(N)   | 15:51:16 | 2.1      | Bottom  | 3          | 2         | 25.72           | 8.52 | 27.05         | 135.1 | 9.43     | 10.8           | 17.7     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR4(N)   | 16:51:44 | 1.0      | Surface | 1          | 1         | 25.99           | 8.34 | 30.51         | 127.3 | 8.69     | 13.3           | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR4(N)   | 16:51:54 | 1.0      | Surface | 1          | 2         | 26.00           | 8.33 | 30.62         | 128.6 | 8.78     | 13.7           | 16.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR4(N)   | 16:51:35 | 2.8      | Bottom  | 3          | 1         | 25.96           | 8.34 | 30.49         | 117.0 | 8.00     | 13.7           | 41.0     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR4(N)   | 16:51:51 | 2.8      | Bottom  | 3          | 2         | 26.00           | 8.34 | 30.58         | 123.9 | 8.46     | 13.4           | 42.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR5(N)   | 16:35:55 | 1.0      | Surface | 1          | 1         | 25.31           | 8.15 | 33.02         | 111.6 | 7.60     | 13.6           | 20.2     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR5(N)   | 16:35:26 | 1.0      | Surface | 1          | 2         | 25.31           | 8.16 | 33.02         | 110.9 | 7.55     | 13.3           | 21.8     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR5(N)   | 16:35:14 | 4.1      | Middle  | 2          | 1         | 25.28           | 8.17 | 33.04         | 108.4 | 7.39     | 14.2           | 21.4     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR5(N)   | 16:35:44 | 4.1      | Middle  | 2          | 2         | 25.28           | 8.14 | 33.05         | 110.7 | 7.54     | 14.3           | 20.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR5(N)   | 16:35:04 | 7.2      | Bottom  | 3          | 1         | 25.27           | 8.17 | 33.05         | 106.0 | 7.23     | 14.7           | 22.1     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR5(N)   | 16:35:35 | 7.2      | Bottom  | 3          | 2         | 25.29           | 8.14 | 33.05         | 111.4 | 7.59     | 15.0           | 23.3     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10A(N) | 17:50:32 | 1.0      | Surface | 1          | 1         | 25.88           | 7.99 | 33.31         | 96.2  | 6.49     | 5.5            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10A(N) | 17:49:48 | 1.0      | Surface | 1          | 2         | 25.88           | 8.01 | 33.30         | 92.4  | 6.23     | 6.0            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10A(N) | 17:50:16 | 6.8      | Middle  | 2          | 1         | 25.89           | 7.99 | 33.30         | 88.7  | 5.97     | 6.9            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10A(N) | 17:49:37 | 6.8      | Middle  | 2          | 2         | 25.89           | 8.03 | 33.30         | 91.0  | 6.13     | 7.2            | 9.4      |

## 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 | 2017-11-01        | Mid-Flood | Sunny             | SR10A(N)  | 17:49:24 | 12.6     | Bottom  | 3          | 1         | 25.88           | 8.03 | 33.28         | 89.4  | 6.02     | 9.3            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10A(N)  | 17:50:09 | 12.6     | Bottom  | 3          | 2         | 25.89           | 8.00 | 33.31         | 89.1  | 6.00     | 9.1            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10B(N2) | 18:01:21 | 1.0      | Surface | 1          | 1         | 25.89           | 7.99 | 33.31         | 88.2  | 5.94     | 5.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10B(N2) | 18:01:49 | 1.0      | Surface | 1          | 2         | 25.89           | 7.99 | 33.31         | 88.1  | 5.94     | 5.3            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10B(N2) | 18:01:07 | 3.4      | Middle  | 2          | 1         | 25.89           | 7.99 | 33.31         | 88.5  | 5.96     | 5.9            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10B(N2) | 18:01:37 | 3.4      | Middle  | 2          | 2         | 25.89           | 7.99 | 33.31         | 88.2  | 5.94     | 6.2            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10B(N2) | 18:00:56 | 5.7      | Bottom  | 3          | 1         | 25.89           | 8.01 | 33.31         | 88.6  | 5.97     | 6.8            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | SR10B(N2) | 18:01:28 | 5.7      | Bottom  | 3          | 2         | 25.89           | 7.99 | 33.31         | 88.1  | 5.93     | 7.0            | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS2(A)    | 15:35:45 | 1.0      | Surface | 1          | 1         | 25.21           | 8.14 | 32.84         | 115.2 | 7.87     | 14.4           | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS2(A)    | 15:36:26 | 1.0      | Surface | 1          | 2         | 25.23           | 8.12 | 32.84         | 116.2 | 7.93     | 14.1           | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS2(A)    | 15:35:33 | 3.8      | Middle  | 2          | 1         | 25.16           | 8.14 | 32.84         | 113.5 | 7.76     | 14.7           | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS2(A)    | 15:36:10 | 3.8      | Middle  | 2          | 2         | 25.16           | 8.14 | 32.84         | 114.6 | 7.83     | 15.5           | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS2(A)    | 15:35:20 | 6.6      | Bottom  | 3          | 1         | 25.13           | 8.17 | 32.88         | 113.0 | 7.73     | 15.3           | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS2(A)    | 15:35:58 | 6.6      | Bottom  | 3          | 2         | 25.15           | 8.16 | 32.85         | 114.8 | 7.85     | 16.0           | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS(Mf)5   | 17:27:42 | 1.0      | Surface | 1          | 1         | 26.01           | 8.17 | 31.33         | 103.9 | 7.06     | 11.2           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS(Mf)5   | 17:28:22 | 1.0      | Surface | 1          | 2         | 26.03           | 8.16 | 31.45         | 100.1 | 6.79     | 10.7           | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS(Mf)5   | 17:27:32 | 6.4      | Middle  | 2          | 1         | 26.02           | 8.16 | 31.43         | 101.2 | 6.87     | 11.9           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS(Mf)5   | 17:28:10 | 6.4      | Middle  | 2          | 2         | 26.03           | 8.15 | 31.56         | 98.4  | 6.68     | 11.4           | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS(Mf)5   | 17:27:58 | 11.8     | Bottom  | 3          | 1         | 26.03           | 8.15 | 31.57         | 98.3  | 6.68     | 11.5           | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-01        | Mid-Flood | Sunny             | CS(Mf)5   | 17:27:21 | 11.8     | Bottom  | 3          | 2         | 26.02           | 8.17 | 31.38         | 100.8 | 6.85     | 11.8           | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS5       | 12:47:54 | 1.0      | Surface | 1          | 1         | 25.29           | 8.17 | 30.80         | 103.5 | 7.15     | 11.3           | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS5       | 12:47:08 | 1.0      | Surface | 1          | 2         | 25.28           | 8.17 | 30.71         | 106.5 | 7.37     | 11.3           | 13.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS5       | 12:47:37 | 4.3      | Middle  | 2          | 1         | 25.23           | 8.16 | 30.88         | 103.2 | 7.13     | 11.4           | 13.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS5       | 12:46:59 | 4.3      | Middle  | 2          | 2         | 25.23           | 8.16 | 30.75         | 105.3 | 7.28     | 11.5           | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS5       | 12:46:48 | 7.6      | Bottom  | 3          | 1         | 25.16           | 8.17 | 30.72         | 104.8 | 7.24     | 11.5           | 16.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS5       | 12:47:27 | 7.6      | Bottom  | 3          | 2         | 25.18           | 8.16 | 30.97         | 103.1 | 7.12     | 11.6           | 15.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:39:43 | 1.0      | Surface | 1          | 1         | 25.47           | 8.21 | 30.44         | 106.2 | 7.32     | 9.2            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:39:25 | 1.0      | Surface | 1          | 2         | 25.42           | 8.19 | 30.44         | 105.3 | 7.28     | 9.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:39:30 | 2.5      | Bottom  | 3          | 1         | 25.44           | 8.20 | 30.43         | 105.5 | 7.28     | 9.4            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:39:08 | 2.5      | Bottom  | 3          | 2         | 25.28           | 8.19 | 30.44         | 105.0 | 7.25     | 9.5            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS7       | 12:31:14 | 1.0      | Surface | 1          | 1         | 25.38           | 8.24 | 30.02         | 114.8 | 7.95     | 5.6            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS7       | 12:31:28 | 1.0      | Surface | 1          | 2         | 25.43           | 8.25 | 30.10         | 117.3 | 8.11     | 5.5            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS7       | 12:31:18 | 2.5      | Bottom  | 3          | 1         | 25.40           | 8.25 | 30.05         | 115.6 | 7.99     | 5.9            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS7       | 12:31:04 | 2.5      | Bottom  | 3          | 2         | 25.30           | 8.23 | 29.96         | 112.6 | 7.80     | 5.7            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS8       | 12:03:10 | 1.0      | Surface | 1          | 1         | 25.57           | 8.21 | 29.57         | 113.3 | 7.84     | 10.7           | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS8       | 12:02:58 | 1.0      | Surface | 1          | 2         | 25.50           | 8.20 | 29.43         | 112.4 | 7.79     | 10.7           | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS8       | 12:02:50 | 2.8      | Bottom  | 3          | 1         | 25.39           | 8.20 | 29.31         | 111.7 | 7.76     | 10.7           | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS8       | 12:03:03 | 2.8      | Bottom  | 3          | 2         | 25.53           | 8.20 | 29.46         | 112.7 | 7.81     | 10.8           | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:22:50 | 1.0      | Surface | 1          | 1         | 25.64           | 8.26 | 29.91         | 119.2 | 8.22     | 7.7            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:22:34 | 1.0      | Surface | 1          | 2         | 25.58           | 8.24 | 29.74         | 116.4 | 8.04     | 7.7            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:22:41 | 2.7      | Bottom  | 3          | 1         | 25.59           | 8.25 | 29.80         | 117.7 | 8.13     | 7.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:22:27 | 2.7      | Bottom  | 3          | 2         | 25.55           | 8.24 | 29.57         | 114.2 | 7.90     | 7.9            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS10(N)   | 12:10:18 | 1.0      | Surface | 1          | 1         | 25.15           | 8.21 | 32.87         | 105.4 | 7.20     | 13.5           | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS10(N)   | 12:10:57 | 1.0      | Surface | 1          | 2         | 25.15           | 8.17 | 32.86         | 105.9 | 7.24     | 13.6           | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS10(N)   | 12:10:45 | 5.3      | Middle  | 2          | 1         | 25.12           | 8.17 | 32.87         | 106.0 | 7.26     | 13.7           | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS10(N)   | 12:10:07 | 5.3      | Middle  | 2          | 2         | 25.11           | 8.21 | 32.88         | 104.4 | 7.14     | 13.3           | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS10(N)   | 12:10:35 | 9.6      | Bottom  | 3          | 1         | 25.13           | 8.18 | 32.87         | 106.2 | 7.27     | 15.4           | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | IS10(N)   | 12:09:53 | 9.6      | Bottom  | 3          | 2         | 25.10           | 8.22 | 32.89         | 103.8 | 7.10     | 15.2           | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR3(N)    | 12:58:46 | 1.0      | Surface | 1          | 1         | 25.22           | 8.17 | 30.34         | 106.8 | 7.40     | 10.3           | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR3(N)    | 12:59:00 | 1.0      | Surface | 1          | 2         | 25.21           | 8.17 | 30.44         | 107.0 | 7.41     | 10.3           | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR3(N)    | 12:58:36 | 2.8      | Bottom  | 3          | 1         | 25.14           | 8.16 | 30.39         | 106.6 | 7.39     | 10.6           | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR3(N)    | 12:58:51 | 2.8      | Bottom  | 3          | 2         | 25.22           | 8.17 | 30.41         | 106.8 | 7.39     | 10.5           | 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 | 2017-11-03        | Mid-Ebb   | Sunny             | SR4(N)    | 12:10:58 | 1.0      | Surface | 1          | 1         | 25.53           | 8.24 | 29.52         | 113.7 | 7.87     | 6.2            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR4(N)    | 12:10:43 | 1.0      | Surface | 1          | 2         | 25.52           | 8.24 | 29.37         | 112.0 | 7.76     | 6.4            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR4(N)    | 12:10:47 | 2.8      | Bottom  | 3          | 1         | 25.53           | 8.24 | 29.43         | 112.5 | 7.79     | 6.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR4(N)    | 12:10:29 | 2.8      | Bottom  | 3          | 2         | 25.47           | 8.25 | 29.24         | 108.5 | 7.53     | 6.6            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR5(N)    | 12:24:18 | 1.0      | Surface | 1          | 1         | 25.17           | 8.14 | 32.88         | 106.1 | 7.25     | 8.2            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR5(N)    | 12:23:27 | 1.0      | Surface | 1          | 2         | 25.18           | 8.16 | 32.87         | 105.8 | 7.23     | 8.5            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR5(N)    | 12:24:01 | 4.1      | Middle  | 2          | 1         | 25.13           | 8.14 | 32.88         | 105.6 | 7.22     | 8.8            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR5(N)    | 12:23:15 | 4.1      | Middle  | 2          | 2         | 25.14           | 8.16 | 32.88         | 105.4 | 7.21     | 8.5            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR5(N)    | 12:22:56 | 7.2      | Bottom  | 3          | 1         | 25.10           | 8.16 | 32.88         | 105.3 | 7.21     | 9.3            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR5(N)    | 12:23:43 | 7.2      | Bottom  | 3          | 2         | 25.13           | 8.15 | 32.87         | 106.3 | 7.27     | 10.0           | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10A(N)  | 11:08:15 | 1.0      | Surface | 1          | 1         | 25.65           | 7.87 | 33.27         | 90.6  | 6.13     | 10.8           | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10A(N)  | 11:07:39 | 1.0      | Surface | 1          | 2         | 25.66           | 7.85 | 33.26         | 90.9  | 6.15     | 10.6           | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10A(N)  | 11:07:23 | 6.8      | Middle  | 2          | 1         | 25.64           | 7.86 | 33.26         | 90.6  | 6.13     | 11.4           | 13.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10A(N)  | 11:08:05 | 6.8      | Middle  | 2          | 2         | 25.64           | 7.86 | 33.26         | 90.5  | 6.12     | 11.9           | 13.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10A(N)  | 11:07:14 | 12.6     | Bottom  | 3          | 1         | 25.65           | 7.88 | 33.26         | 91.2  | 6.17     | 13.5           | 13.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10A(N)  | 11:07:55 | 12.6     | Bottom  | 3          | 2         | 25.64           | 7.86 | 33.26         | 90.4  | 6.12     | 13.7           | 14.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:56:29 | 1.0      | Surface | 1          | 1         | 25.67           | 7.89 | 33.27         | 93.7  | 6.34     | 8.7            | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:56:52 | 1.0      | Surface | 1          | 2         | 25.66           | 7.86 | 33.27         | 98.2  | 6.64     | 9.3            | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:56:43 | 3.5      | Middle  | 2          | 1         | 25.65           | 7.87 | 33.27         | 92.4  | 6.25     | 12.8           | 14.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:56:17 | 3.5      | Middle  | 2          | 2         | 25.66           | 7.91 | 33.28         | 95.7  | 6.47     | 12.5           | 14.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:56:07 | 5.9      | Bottom  | 3          | 1         | 25.66           | 7.90 | 33.28         | 92.0  | 6.22     | 12.7           | 13.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:56:35 | 5.9      | Bottom  | 3          | 2         | 25.66           | 7.88 | 33.27         | 93.4  | 6.32     | 13.2           | 14.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS2(A)    | 13:19:47 | 1.0      | Surface | 1          | 1         | 25.04           | 8.02 | 33.16         | 97.7  | 6.68     | 13.9           | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS2(A)    | 13:19:02 | 1.0      | Surface | 1          | 2         | 25.03           | 8.05 | 33.16         | 97.5  | 6.67     | 13.8           | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS2(A)    | 13:18:50 | 3.8      | Middle  | 2          | 1         | 24.91           | 8.07 | 33.20         | 95.9  | 6.57     | 13.6           | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS2(A)    | 13:19:33 | 3.8      | Middle  | 2          | 2         | 24.91           | 8.02 | 33.19         | 97.0  | 6.65     | 13.2           | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS2(A)    | 13:18:38 | 6.6      | Bottom  | 3          | 1         | 24.93           | 8.11 | 33.24         | 96.1  | 6.58     | 14.7           | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS2(A)    | 13:19:22 | 6.6      | Bottom  | 3          | 2         | 24.91           | 8.02 | 33.23         | 97.2  | 6.66     | 14.5           | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:36:30 | 1.0      | Surface | 1          | 1         | 25.83           | 8.10 | 29.30         | 103.8 | 7.17     | 5.1            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:36:01 | 1.0      | Surface | 1          | 2         | 25.83           | 8.09 | 28.78         | 106.8 | 7.40     | 5.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:35:53 | 6.2      | Middle  | 2          | 1         | 25.83           | 8.09 | 28.67         | 105.8 | 7.33     | 5.2            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:36:23 | 6.2      | Middle  | 2          | 2         | 25.82           | 8.10 | 29.25         | 103.2 | 7.12     | 5.1            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:35:45 | 11.4     | Bottom  | 3          | 1         | 25.82           | 8.08 | 28.45         | 105.1 | 7.27     | 5.3            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:36:15 | 11.4     | Bottom  | 3          | 2         | 25.83           | 8.10 | 29.13         | 102.7 | 7.09     | 5.1            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS5       | 17:07:39 | 1.0      | Surface | 1          | 1         | 25.56           | 8.25 | 29.64         | 111.6 | 7.72     | 12.4           | 16.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS5       | 17:08:26 | 1.0      | Surface | 1          | 2         | 25.55           | 8.26 | 29.88         | 111.8 | 7.72     | 12.5           | 15.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS5       | 17:08:12 | 4.4      | Middle  | 2          | 1         | 25.54           | 8.26 | 29.91         | 111.7 | 7.72     | 12.5           | 15.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS5       | 17:07:24 | 4.4      | Middle  | 2          | 2         | 25.55           | 8.24 | 29.56         | 110.3 | 7.63     | 12.7           | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS5       | 17:08:01 | 7.8      | Bottom  | 3          | 1         | 25.54           | 8.25 | 29.89         | 111.6 | 7.71     | 12.6           | 18.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS5       | 17:07:13 | 7.8      | Bottom  | 3          | 2         | 25.51           | 8.24 | 29.43         | 107.7 | 7.46     | 12.7           | 17.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)6   | 17:19:02 | 1.0      | Surface | 1          | 1         | 25.56           | 8.25 | 29.66         | 111.6 | 7.72     | 11.9           | 16.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)6   | 17:19:15 | 1.0      | Surface | 1          | 2         | 25.57           | 8.26 | 29.80         | 112.7 | 7.78     | 12.0           | 16.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)6   | 17:19:06 | 2.6      | Bottom  | 3          | 1         | 25.56           | 8.25 | 29.73         | 112.2 | 7.75     | 12.0           | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)6   | 17:18:47 | 2.6      | Bottom  | 3          | 2         | 25.53           | 8.26 | 29.44         | 108.3 | 7.50     | 11.9           | 16.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS7       | 17:28:23 | 1.0      | Surface | 1          | 1         | 25.56           | 8.26 | 29.91         | 112.8 | 7.79     | 8.8            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS7       | 17:28:08 | 1.0      | Surface | 1          | 2         | 25.55           | 8.26 | 29.83         | 112.6 | 7.78     | 9.0            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS7       | 17:27:57 | 2.5      | Bottom  | 3          | 1         | 25.55           | 8.25 | 29.78         | 112.2 | 7.75     | 9.0            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS7       | 17:28:12 | 2.5      | Bottom  | 3          | 2         | 25.55           | 8.26 | 29.87         | 112.7 | 7.79     | 9.0            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS8       | 17:58:31 | 1.0      | Surface | 1          | 1         | 25.64           | 8.27 | 30.25         | 116.5 | 8.02     | 10.2           | 16.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS8       | 17:58:17 | 1.0      | Surface | 1          | 2         | 25.62           | 8.27 | 30.16         | 113.8 | 7.84     | 10.4           | 15.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS8       | 17:58:10 | 2.8      | Bottom  | 3          | 1         | 25.58           | 8.27 | 30.11         | 110.6 | 7.63     | 10.6           | 20.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS8       | 17:58:23 | 2.8      | Bottom  | 3          | 2         | 25.64           | 8.27 | 30.22         | 115.3 | 7.93     | 10.5           | 20.9     |

## 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 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)9   | 17:37:34 | 1.0      | Surface | 1          | 1         | 25.58           | 8.29 | 30.01         | 116.0 | 8.00     | 11.5           | 19.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)9   | 17:37:46 | 1.0      | Surface | 1          | 2         | 25.60           | 8.30 | 30.06         | 118.5 | 8.17     | 11.4           | 18.1     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)9   | 17:37:38 | 2.6      | Bottom  | 3          | 1         | 25.59           | 8.29 | 30.04         | 117.1 | 8.07     | 11.7           | 22.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS(Mf)9   | 17:37:25 | 2.6      | Bottom  | 3          | 2         | 25.54           | 8.28 | 29.98         | 112.6 | 7.78     | 11.8           | 22.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS10(N)   | 17:46:52 | 1.0      | Surface | 1          | 1         | 25.17           | 8.08 | 32.63         | 102.8 | 7.04     | 10.9           | 24.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS10(N)   | 17:47:26 | 1.0      | Surface | 1          | 2         | 25.18           | 8.10 | 32.64         | 102.7 | 7.03     | 10.6           | 24.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS10(N)   | 17:46:39 | 5.4      | Middle  | 2          | 1         | 25.19           | 8.08 | 32.79         | 102.6 | 7.01     | 12.7           | 25.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS10(N)   | 17:47:15 | 5.4      | Middle  | 2          | 2         | 25.19           | 8.08 | 32.80         | 102.6 | 7.01     | 12.5           | 25.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS10(N)   | 17:47:02 | 9.7      | Bottom  | 3          | 1         | 25.19           | 8.08 | 32.81         | 103.0 | 7.04     | 13.9           | 25.6     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | IS10(N)   | 17:46:28 | 9.7      | Bottom  | 3          | 2         | 25.19           | 8.09 | 32.84         | 102.6 | 7.02     | 13.2           | 26.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR3(N)    | 16:57:52 | 1.0      | Surface | 1          | 1         | 25.57           | 8.29 | 28.73         | 112.5 | 7.82     | 17.6           | 22.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR3(N)    | 16:57:23 | 1.0      | Surface | 1          | 2         | 25.57           | 8.29 | 28.37         | 112.2 | 7.81     | 17.7           | 22.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR3(N)    | 16:56:40 | 3.0      | Bottom  | 3          | 1         | 25.58           | 8.33 | 27.61         | 108.4 | 7.58     | 17.7           | 25.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR3(N)    | 16:57:34 | 3.0      | Bottom  | 3          | 2         | 25.57           | 8.29 | 28.53         | 112.1 | 7.80     | 17.7           | 25.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR4(N)    | 17:51:45 | 1.0      | Surface | 1          | 1         | 25.63           | 8.26 | 30.34         | 115.8 | 7.97     | 15.1           | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR4(N)    | 17:52:14 | 1.0      | Surface | 1          | 2         | 25.66           | 8.27 | 30.38         | 116.5 | 8.01     | 15.0           | 17.1     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR4(N)    | 17:51:21 | 2.8      | Bottom  | 3          | 1         | 25.66           | 8.25 | 30.26         | 114.1 | 7.85     | 15.2           | 23.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR4(N)    | 17:51:58 | 2.8      | Bottom  | 3          | 2         | 25.66           | 8.26 | 30.38         | 116.1 | 7.98     | 15.2           | 22.6     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR5(N)    | 17:35:10 | 1.0      | Surface | 1          | 1         | 25.17           | 8.06 | 32.59         | 103.8 | 7.11     | 11.0           | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR5(N)    | 17:36:01 | 1.0      | Surface | 1          | 2         | 25.17           | 8.08 | 32.61         | 103.4 | 7.08     | 11.2           | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR5(N)    | 17:35:46 | 3.9      | Middle  | 2          | 1         | 25.18           | 8.06 | 32.80         | 102.6 | 7.01     | 12.5           | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR5(N)    | 17:34:50 | 3.9      | Middle  | 2          | 2         | 25.19           | 8.07 | 32.75         | 103.8 | 7.10     | 12.7           | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR5(N)    | 17:35:37 | 6.8      | Bottom  | 3          | 1         | 25.18           | 8.07 | 32.84         | 103.4 | 7.07     | 13.3           | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR5(N)    | 17:34:31 | 6.8      | Bottom  | 3          | 2         | 25.19           | 8.09 | 32.79         | 103.4 | 7.07     | 13.5           | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10A(N)  | 18:50:18 | 1.0      | Surface | 1          | 1         | 25.68           | 7.93 | 33.27         | 94.3  | 6.38     | 10.0           | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10A(N)  | 18:49:22 | 1.0      | Surface | 1          | 2         | 25.68           | 7.95 | 33.26         | 92.3  | 6.24     | 9.8            | 13.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10A(N)  | 18:50:00 | 6.8      | Middle  | 2          | 1         | 25.69           | 7.93 | 33.26         | 89.3  | 6.03     | 11.0           | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10A(N)  | 18:49:08 | 6.8      | Middle  | 2          | 2         | 25.68           | 7.95 | 33.25         | 90.9  | 6.15     | 10.9           | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10A(N)  | 18:49:45 | 12.6     | Bottom  | 3          | 1         | 25.69           | 7.94 | 33.27         | 89.5  | 6.05     | 13.1           | 13.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10A(N)  | 18:48:56 | 12.6     | Bottom  | 3          | 2         | 25.68           | 7.99 | 33.26         | 89.1  | 6.03     | 12.5           | 14.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10B(N2) | 19:00:48 | 1.0      | Surface | 1          | 1         | 25.68           | 7.94 | 33.27         | 88.2  | 5.96     | 9.5            | 16.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10B(N2) | 19:00:08 | 1.0      | Surface | 1          | 2         | 25.70           | 7.95 | 33.25         | 88.8  | 6.00     | 9.2            | 17.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10B(N2) | 18:59:57 | 3.3      | Middle  | 2          | 1         | 25.68           | 7.93 | 33.27         | 88.8  | 6.01     | 7.9            | 17.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10B(N2) | 19:00:36 | 3.3      | Middle  | 2          | 2         | 25.68           | 7.94 | 33.27         | 88.2  | 5.96     | 8.2            | 17.7     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10B(N2) | 18:59:43 | 5.6      | Bottom  | 3          | 1         | 25.69           | 7.95 | 33.27         | 88.4  | 5.97     | 9.8            | 19.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | SR10B(N2) | 19:00:20 | 5.6      | Bottom  | 3          | 2         | 25.69           | 7.95 | 33.27         | 88.8  | 6.00     | 10.6           | 18.0     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS2(A)    | 16:32:16 | 1.0      | Surface | 1          | 1         | 25.20           | 8.02 | 32.34         | 103.5 | 7.09     | 9.5            | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS2(A)    | 16:32:47 | 1.0      | Surface | 1          | 2         | 25.21           | 8.03 | 32.34         | 103.2 | 7.07     | 10.2           | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS2(A)    | 16:32:37 | 3.8      | Middle  | 2          | 1         | 25.19           | 8.02 | 32.36         | 103.0 | 7.06     | 12.6           | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS2(A)    | 16:32:01 | 3.8      | Middle  | 2          | 2         | 25.20           | 8.03 | 32.35         | 102.3 | 7.01     | 13.1           | 15.8     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS2(A)    | 16:32:25 | 6.6      | Bottom  | 3          | 1         | 25.19           | 8.01 | 32.37         | 103.0 | 7.06     | 13.7           | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS2(A)    | 16:31:45 | 6.6      | Bottom  | 3          | 2         | 25.20           | 8.08 | 32.39         | 101.0 | 6.92     | 13.3           | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS(Mf)5   | 18:24:23 | 1.0      | Surface | 1          | 1         | 25.84           | 8.12 | 30.49         | 104.7 | 7.19     | 14.4           | 24.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS(Mf)5   | 18:24:51 | 1.0      | Surface | 1          | 2         | 25.84           | 8.12 | 30.62         | 96.9  | 6.63     | 14.3           | 25.3     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS(Mf)5   | 18:24:38 | 6.3      | Middle  | 2          | 1         | 25.85           | 8.12 | 30.63         | 96.4  | 6.59     | 14.5           | 26.1     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS(Mf)5   | 18:24:00 | 6.3      | Middle  | 2          | 2         | 25.84           | 8.14 | 30.33         | 101.5 | 6.96     | 14.4           | 26.1     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS(Mf)5   | 18:24:31 | 11.6     | Bottom  | 3          | 1         | 25.85           | 8.12 | 30.58         | 95.8  | 6.56     | 14.6           | 25.5     |
| HKLR    | HY/2011/03 | 2017-11-03        | Mid-Flood | Sunny             | CS(Mf)5   | 18:23:50 | 11.6     | Bottom  | 3          | 2         | 25.80           | 8.17 | 30.15         | 97.7  | 6.69     | 14.5           | 25.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | ISS       | 13:11    | 1.0      | Surface | 1          | 1         | 24.62           | 8.15 | 32.29         | 96.1  | 6.65     | 10.9           | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | ISS       | 13:11    | 1.0      | Surface | 1          | 2         | 24.61           | 8.15 | 32.28         | 99.2  | 6.87     | 11.1           | 15.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | ISS       | 13:11    | 4.3      | Middle  | 2          | 1         | 24.60           | 8.15 | 32.31         | 95.7  | 6.63     | 11.3           | 18.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | ISS       | 13:11    | 4.3      | Middle  | 2          | 2         | 24.59           | 8.15 | 32.30         | 97.4  | 6.74     | 11.7           | 18.5     |

## 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 | 2017-11-06        | Mid-Ebb | Fine              | IS5       | 13:10 | 7.5      | Bottom  | 3          | 1         | 24.57           | 8.15 | 32.28         | 96.8  | 6.70     | 11.7           | 18.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS5       | 13:11 | 7.5      | Bottom  | 3          | 2         | 24.60           | 8.15 | 32.30         | 95.8  | 6.63     | 11.0           | 18.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)6   | 13:18 | 1.0      | Surface | 1          | 1         | 24.59           | 8.15 | 31.85         | 103.1 | 7.17     | 11.5           | 16.7     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)6   | 13:18 | 1.0      | Surface | 1          | 2         | 24.60           | 8.15 | 31.94         | 100.0 | 6.95     | 11.2           | 17.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)6   | 13:18 | 2.3      | Bottom  | 3          | 1         | 24.59           | 8.15 | 31.89         | 98.2  | 6.82     | 11.3           | 19.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)6   | 13:18 | 2.3      | Bottom  | 3          | 2         | 24.54           | 8.16 | 31.78         | 101.2 | 7.03     | 11.6           | 20.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS7       | 13:26 | 1.0      | Surface | 1          | 1         | 24.96           | 8.19 | 31.72         | 104.3 | 7.22     | 8.9            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS7       | 13:26 | 1.0      | Surface | 1          | 2         | 24.93           | 8.19 | 31.80         | 103.8 | 7.16     | 8.8            | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS7       | 13:26 | 2.1      | Bottom  | 3          | 1         | 24.84           | 8.19 | 31.76         | 103.2 | 7.13     | 8.8            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS7       | 13:26 | 2.1      | Bottom  | 3          | 2         | 24.81           | 8.18 | 31.69         | 103.2 | 7.14     | 8.9            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS8       | 13:53 | 1.0      | Surface | 1          | 1         | 25.10           | 8.18 | 31.39         | 99.0  | 6.83     | 10.5           | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS8       | 13:53 | 1.0      | Surface | 1          | 2         | 25.05           | 8.17 | 31.39         | 98.9  | 6.83     | 10.5           | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS8       | 13:53 | 2.9      | Bottom  | 3          | 1         | 24.95           | 8.17 | 31.44         | 98.6  | 6.82     | 10.8           | 14.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS8       | 13:53 | 2.9      | Bottom  | 3          | 2         | 24.86           | 8.17 | 31.46         | 98.9  | 6.85     | 10.6           | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)9   | 13:35 | 1.0      | Surface | 1          | 1         | 25.02           | 8.21 | 31.64         | 100.3 | 6.92     | 8.8            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)9   | 13:34 | 1.0      | Surface | 1          | 2         | 24.95           | 8.20 | 31.64         | 99.8  | 6.92     | 9.1            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)9   | 13:34 | 2.6      | Bottom  | 3          | 1         | 24.79           | 8.20 | 31.61         | 99.5  | 6.87     | 8.9            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS(Mf)9   | 13:34 | 2.6      | Bottom  | 3          | 2         | 24.89           | 8.21 | 31.64         | 99.8  | 6.90     | 8.9            | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS10(N)   | 14:09 | 1.0      | Surface | 1          | 1         | 24.72           | 8.05 | 32.77         | 94.3  | 6.50     | 3.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS10(N)   | 14:08 | 1.0      | Surface | 1          | 2         | 24.74           | 8.04 | 32.75         | 95.1  | 6.55     | 4.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS10(N)   | 14:08 | 5.4      | Middle  | 2          | 1         | 24.71           | 8.04 | 32.86         | 94.9  | 6.54     | 4.7            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS10(N)   | 14:08 | 5.4      | Middle  | 2          | 2         | 24.73           | 8.04 | 32.90         | 94.8  | 6.53     | 4.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS10(N)   | 14:08 | 9.7      | Bottom  | 3          | 1         | 24.74           | 8.03 | 32.96         | 95.0  | 6.54     | 6.0            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | IS10(N)   | 14:08 | 9.7      | Bottom  | 3          | 2         | 24.75           | 8.06 | 32.97         | 95.0  | 6.53     | 5.7            | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR3(N)    | 13:02 | 1.0      | Surface | 1          | 1         | 24.67           | 8.20 | 30.86         | 97.3  | 6.81     | 9.2            | 14.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR3(N)    | 13:02 | 1.0      | Surface | 1          | 2         | 24.67           | 8.17 | 31.31         | 96.3  | 6.72     | 8.9            | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR3(N)    | 13:02 | 2.4      | Bottom  | 3          | 1         | 24.60           | 8.22 | 30.36         | 96.9  | 6.76     | 9.4            | 15.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR3(N)    | 13:02 | 2.4      | Bottom  | 3          | 2         | 24.56           | 8.18 | 31.17         | 96.2  | 6.69     | 8.9            | 14.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR4(N)    | 13:46 | 1.0      | Surface | 1          | 1         | 25.42           | 8.16 | 31.30         | 98.6  | 6.79     | 8.7            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR4(N)    | 13:46 | 1.0      | Surface | 1          | 2         | 25.26           | 8.16 | 31.32         | 101.6 | 7.01     | 8.9            | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR4(N)    | 13:46 | 2.7      | Bottom  | 3          | 1         | 25.24           | 8.16 | 31.36         | 98.3  | 6.75     | 8.8            | 13.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR4(N)    | 13:46 | 2.7      | Bottom  | 3          | 2         | 25.15           | 8.16 | 31.28         | 99.7  | 6.86     | 8.9            | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR5(N)    | 13:57 | 1.0      | Surface | 1          | 1         | 24.77           | 8.04 | 32.74         | 95.8  | 6.60     | 6.0            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR5(N)    | 13:56 | 1.0      | Surface | 1          | 2         | 24.76           | 8.05 | 32.76         | 96.4  | 6.64     | 5.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR5(N)    | 13:56 | 4.3      | Middle  | 2          | 1         | 24.70           | 8.05 | 32.85         | 96.2  | 6.63     | 6.3            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR5(N)    | 13:57 | 4.3      | Middle  | 2          | 2         | 24.68           | 8.04 | 32.83         | 95.3  | 6.57     | 6.2            | 11.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR5(N)    | 13:57 | 7.6      | Bottom  | 3          | 1         | 24.70           | 8.05 | 32.88         | 96.0  | 6.62     | 6.6            | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR5(N)    | 13:56 | 7.6      | Bottom  | 3          | 2         | 24.74           | 8.03 | 32.86         | 96.6  | 6.65     | 6.7            | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10A(N)  | 14:51 | 1.0      | Surface | 1          | 1         | 25.22           | 7.95 | 33.21         | 89.7  | 6.11     | 9.8            | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10A(N)  | 14:52 | 1.0      | Surface | 1          | 2         | 25.15           | 7.95 | 33.22         | 87.6  | 5.97     | 9.7            | 16.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10A(N)  | 14:51 | 6.7      | Middle  | 2          | 1         | 25.16           | 7.98 | 33.21         | 90.3  | 6.16     | 9.6            | 15.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10A(N)  | 14:52 | 6.7      | Middle  | 2          | 2         | 25.16           | 7.94 | 33.22         | 88.0  | 6.00     | 10.3           | 16.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10A(N)  | 14:51 | 12.4     | Bottom  | 3          | 1         | 25.18           | 7.94 | 33.21         | 88.8  | 6.05     | 10.5           | 19.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10A(N)  | 14:51 | 12.4     | Bottom  | 3          | 2         | 25.15           | 8.01 | 33.22         | 91.7  | 6.26     | 10.0           | 20.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10B(N2) | 15:04 | 1.0      | Surface | 1          | 1         | 25.26           | 7.97 | 33.24         | 88.4  | 6.02     | 3.6            | 17.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10B(N2) | 15:03 | 1.0      | Surface | 1          | 2         | 25.26           | 7.98 | 33.23         | 90.2  | 6.14     | 3.0            | 17.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10B(N2) | 15:03 | 3.4      | Middle  | 2          | 1         | 25.25           | 7.97 | 33.23         | 88.8  | 6.05     | 3.7            | 18.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10B(N2) | 15:03 | 3.4      | Middle  | 2          | 2         | 25.29           | 7.98 | 33.24         | 90.6  | 6.17     | 3.5            | 18.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10B(N2) | 15:03 | 5.7      | Bottom  | 3          | 1         | 25.26           | 7.98 | 33.25         | 91.6  | 6.24     | 5.9            | 19.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | SR10B(N2) | 15:03 | 5.7      | Bottom  | 3          | 2         | 25.25           | 7.97 | 33.23         | 88.9  | 6.06     | 5.7            | 19.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | CS2(A)    | 13:03 | 1.0      | Surface | 1          | 1         | 24.50           | 8.01 | 32.26         | 93.5  | 6.48     | 12.3           | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb | Fine              | CS2(A)    | 13:03 | 1.0      | Surface | 1          | 2         | 24.51           | 8.03 | 32.24         | 94.7  | 6.57     | 12.5           | 9.0      |

## 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 | 2017-11-06        | Mid-Ebb   | Fine              | CS2(A)  | 13:03 | 3.7      | Middle  | 2          | 1         | 24.53           | 8.01 | 32.64         | 93.3  | 6.45     | 13.1           | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS2(A)  | 13:02 | 3.7      | Middle  | 2          | 2         | 24.52           | 8.05 | 32.49         | 93.6  | 6.49     | 12.7           | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS2(A)  | 13:02 | 6.3      | Bottom  | 3          | 1         | 24.54           | 8.04 | 33.08         | 94.3  | 6.51     | 13.2           | 13.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS2(A)  | 13:03 | 6.3      | Bottom  | 3          | 2         | 24.52           | 8.02 | 32.87         | 94.0  | 6.50     | 14.0           | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS(Mf)5 | 14:32 | 1.0      | Surface | 1          | 1         | 25.30           | 8.15 | 31.31         | 95.9  | 6.61     | 7.4            | 4.3      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS(Mf)5 | 14:32 | 1.0      | Surface | 1          | 2         | 25.55           | 8.15 | 31.18         | 97.9  | 6.76     | 7.7            | 3.4      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS(Mf)5 | 14:32 | 6.2      | Middle  | 2          | 1         | 25.11           | 8.16 | 31.19         | 96.7  | 6.68     | 8.4            | 4.6      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS(Mf)5 | 14:32 | 6.2      | Middle  | 2          | 2         | 25.13           | 8.15 | 31.28         | 95.4  | 6.56     | 8.5            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS(Mf)5 | 14:31 | 11.4     | Bottom  | 3          | 1         | 25.10           | 8.16 | 31.13         | 97.1  | 6.66     | 9.2            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Ebb   | Fine              | CS(Mf)5 | 14:32 | 11.4     | Bottom  | 3          | 2         | 25.19           | 8.15 | 31.23         | 95.1  | 6.56     | 9.2            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS5     | 9:25  | 1.0      | Surface | 1          | 1         | 24.50           | 8.13 | 30.37         | 97.6  | 6.85     | 10.9           | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS5     | 9:26  | 1.0      | Surface | 1          | 2         | 24.49           | 8.13 | 30.41         | 95.9  | 6.73     | 10.5           | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS5     | 9:25  | 4.5      | Middle  | 2          | 1         | 24.49           | 8.12 | 30.41         | 96.7  | 6.78     | 11.6           | 16.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS5     | 9:26  | 4.5      | Middle  | 2          | 2         | 24.49           | 8.13 | 30.45         | 95.2  | 6.68     | 11.4           | 17.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS5     | 9:25  | 7.9      | Bottom  | 3          | 1         | 24.49           | 8.12 | 30.41         | 95.4  | 6.69     | 12.1           | 17.5     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS5     | 9:26  | 7.9      | Bottom  | 3          | 2         | 24.49           | 8.13 | 30.42         | 95.2  | 6.67     | 11.6           | 17.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)6 | 9:18  | 1.0      | Surface | 1          | 1         | 24.47           | 8.13 | 30.33         | 97.1  | 6.82     | 15.0           | 18.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)6 | 9:17  | 1.0      | Surface | 1          | 2         | 24.46           | 8.12 | 30.31         | 98.3  | 6.90     | 15.3           | 19.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)6 | 9:17  | 2.4      | Bottom  | 3          | 1         | 24.45           | 8.12 | 30.32         | 99.6  | 7.00     | 15.5           | 23.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)6 | 9:18  | 2.4      | Bottom  | 3          | 2         | 24.46           | 8.12 | 30.35         | 97.6  | 6.85     | 15.5           | 21.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS7     | 9:10  | 1.0      | Surface | 1          | 1         | 24.52           | 8.13 | 30.29         | 101.1 | 7.09     | 10.5           | 17.8     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS7     | 9:09  | 1.0      | Surface | 1          | 2         | 24.53           | 8.12 | 30.23         | 104.7 | 7.35     | 11.0           | 16.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS7     | 9:09  | 2.4      | Bottom  | 3          | 1         | 24.50           | 8.13 | 30.29         | 98.5  | 6.91     | 10.6           | 18.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS7     | 9:09  | 2.4      | Bottom  | 3          | 2         | 24.50           | 8.12 | 30.19         | 99.2  | 6.96     | 11.2           | 17.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS8     | 8:41  | 1.0      | Surface | 1          | 1         | 24.83           | 8.10 | 30.27         | 100.4 | 7.01     | 19.8           | 23.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS8     | 8:41  | 1.0      | Surface | 1          | 2         | 24.82           | 8.09 | 30.22         | 103.7 | 7.24     | 19.9           | 23.5     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS8     | 8:41  | 3.1      | Bottom  | 3          | 1         | 24.82           | 8.09 | 30.25         | 98.9  | 6.90     | 19.5           | 24.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS8     | 8:41  | 3.1      | Bottom  | 3          | 2         | 24.81           | 8.08 | 30.18         | 101.4 | 7.08     | 19.8           | 26.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)9 | 9:01  | 1.0      | Surface | 1          | 1         | 24.64           | 8.12 | 30.20         | 103.7 | 7.26     | 19.5           | 17.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)9 | 9:01  | 1.0      | Surface | 1          | 2         | 24.67           | 8.12 | 30.24         | 100.3 | 7.02     | 19.5           | 18.7     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)9 | 9:01  | 2.5      | Bottom  | 3          | 1         | 24.67           | 8.12 | 30.25         | 98.7  | 6.91     | 19.1           | 19.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS(Mf)9 | 9:01  | 2.5      | Bottom  | 3          | 2         | 24.68           | 8.11 | 30.17         | 99.7  | 6.98     | 19.4           | 20.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS10(N) | 8:33  | 1.0      | Surface | 1          | 1         | 24.55           | 7.94 | 33.06         | 98.6  | 6.81     | 10.7           | 13.7     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS10(N) | 8:32  | 1.0      | Surface | 1          | 2         | 24.54           | 7.95 | 33.06         | 95.3  | 6.57     | 10.6           | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS10(N) | 8:33  | 5.3      | Middle  | 2          | 1         | 24.54           | 7.94 | 33.07         | 94.2  | 6.50     | 12.7           | 21.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS10(N) | 8:32  | 5.3      | Middle  | 2          | 2         | 24.53           | 7.96 | 33.06         | 96.6  | 6.67     | 12.2           | 19.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS10(N) | 8:32  | 9.6      | Bottom  | 3          | 1         | 24.53           | 8.00 | 33.06         | 93.9  | 6.48     | 12.1           | 23.9     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | IS10(N) | 8:32  | 9.6      | Bottom  | 3          | 2         | 24.54           | 7.94 | 33.07         | 94.6  | 6.53     | 12.4           | 22.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR3(N)  | 9:34  | 1.0      | Surface | 1          | 1         | 24.49           | 8.12 | 30.29         | 101.5 | 7.12     | 10.4           | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR3(N)  | 9:34  | 1.0      | Surface | 1          | 2         | 24.49           | 8.13 | 30.32         | 99.6  | 6.99     | 10.3           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR3(N)  | 9:33  | 2.7      | Bottom  | 3          | 1         | 24.48           | 8.12 | 30.28         | 98.1  | 6.88     | 11.3           | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR3(N)  | 9:34  | 2.7      | Bottom  | 3          | 2         | 24.48           | 8.12 | 30.33         | 97.2  | 6.82     | 10.7           | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR4(N)  | 8:50  | 1.0      | Surface | 1          | 1         | 24.81           | 8.11 | 30.23         | 100.9 | 7.04     | 15.1           | 21.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR4(N)  | 8:49  | 1.0      | Surface | 1          | 2         | 24.81           | 8.10 | 30.25         | 104.3 | 7.28     | 15.9           | 20.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR4(N)  | 8:50  | 2.6      | Bottom  | 3          | 1         | 24.81           | 8.11 | 30.24         | 97.7  | 6.82     | 15.6           | 20.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR4(N)  | 8:49  | 2.6      | Bottom  | 3          | 2         | 24.80           | 8.10 | 30.21         | 98.5  | 6.87     | 15.8           | 21.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR5(N)  | 8:44  | 1.0      | Surface | 1          | 1         | 24.54           | 7.94 | 33.06         | 93.6  | 6.46     | 11.6           | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR5(N)  | 8:45  | 1.0      | Surface | 1          | 2         | 24.54           | 7.96 | 33.06         | 93.1  | 6.42     | 10.9           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR5(N)  | 8:45  | 4.2      | Middle  | 2          | 1         | 24.54           | 7.95 | 33.07         | 93.2  | 6.43     | 13.5           | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR5(N)  | 8:44  | 4.2      | Middle  | 2          | 2         | 24.54           | 7.94 | 33.07         | 93.5  | 6.45     | 13.3           | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR5(N)  | 8:44  | 7.3      | Bottom  | 3          | 1         | 24.54           | 7.95 | 33.07         | 93.4  | 6.45     | 13.6           | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR5(N)  | 8:44  | 7.3      | Bottom  | 3          | 2         | 24.53           | 7.95 | 33.07         | 93.3  | 6.44     | 14.2           | 14.8     |

## 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 | 2017-11-06        | Mid-Flood | Fine              | SR10A(N)  | 7:46  | 1.0      | Surface | 1          | 1         | 25.12           | 7.78 | 33.27         | 88.7  | 6.06     | 13.6           | 25.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10A(N)  | 7:46  | 1.0      | Surface | 1          | 2         | 25.11           | 7.79 | 33.27         | 88.0  | 6.01     | 13.3           | 25.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10A(N)  | 7:46  | 6.8      | Middle  | 2          | 1         | 25.11           | 7.79 | 33.27         | 87.7  | 5.99     | 15.2           | 24.3     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10A(N)  | 7:45  | 6.8      | Middle  | 2          | 2         | 25.12           | 7.78 | 33.27         | 88.9  | 6.07     | 15.5           | 23.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10A(N)  | 7:45  | 12.6     | Bottom  | 3          | 1         | 25.12           | 7.79 | 33.27         | 89.5  | 6.11     | 14.6           | 24.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10A(N)  | 7:46  | 12.6     | Bottom  | 3          | 2         | 25.11           | 7.79 | 33.27         | 88.1  | 6.02     | 15.0           | 25.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10B(N2) | 7:34  | 1.0      | Surface | 1          | 1         | 25.11           | 7.75 | 33.27         | 101.8 | 6.95     | 13.3           | 24.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10B(N2) | 7:35  | 1.0      | Surface | 1          | 2         | 25.12           | 7.76 | 33.27         | 98.2  | 6.71     | 12.8           | 24.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10B(N2) | 7:34  | 3.5      | Middle  | 2          | 1         | 25.10           | 7.77 | 33.27         | 95.5  | 6.52     | 12.7           | 23.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10B(N2) | 7:34  | 3.5      | Middle  | 2          | 2         | 25.12           | 7.76 | 33.27         | 93.5  | 6.38     | 13.3           | 24.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10B(N2) | 7:34  | 5.9      | Bottom  | 3          | 1         | 25.09           | 7.76 | 33.27         | 91.1  | 6.22     | 13.5           | 27.7     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | SR10B(N2) | 7:34  | 5.9      | Bottom  | 3          | 2         | 25.12           | 7.76 | 33.27         | 92.4  | 6.31     | 14.0           | 28.1     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS2(A)    | 9:42  | 1.0      | Surface | 1          | 1         | 24.46           | 7.97 | 33.28         | 93.4  | 6.44     | 15.8           | 23.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS2(A)    | 9:41  | 1.0      | Surface | 1          | 2         | 24.46           | 7.97 | 33.27         | 94.5  | 6.52     | 15.2           | 24.0     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS2(A)    | 9:41  | 3.8      | Middle  | 2          | 1         | 24.44           | 7.95 | 33.27         | 93.3  | 6.45     | 16.5           | 22.7     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS2(A)    | 9:41  | 3.8      | Middle  | 2          | 2         | 24.44           | 7.98 | 33.25         | 94.2  | 6.51     | 15.8           | 23.6     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS2(A)    | 9:40  | 6.5      | Bottom  | 3          | 1         | 24.44           | 8.02 | 33.23         | 94.9  | 6.56     | 16.6           | 24.2     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS2(A)    | 9:41  | 6.5      | Bottom  | 3          | 2         | 24.43           | 7.96 | 33.24         | 93.7  | 6.48     | 17.7           | 24.4     |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS(Mf)5   | 8:18  | 1.0      | Surface | 1          | 1         | 24.85           | 8.06 | 30.85         | 96.2  | 6.69     | 9.4            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS(Mf)5   | 8:17  | 1.0      | Surface | 1          | 2         | 24.86           | 8.03 | 31.40         | 97.0  | 6.68     | 9.3            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS(Mf)5   | 8:17  | 6.1      | Middle  | 2          | 1         | 24.88           | 8.05 | 31.00         | 95.8  | 6.65     | 9.6            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS(Mf)5   | 8:16  | 6.1      | Middle  | 2          | 2         | 24.88           | 8.00 | 31.91         | 96.4  | 6.68     | 9.7            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS(Mf)5   | 8:16  | 11.1     | Bottom  | 3          | 1         | 24.93           | 7.96 | 32.47         | 96.3  | 6.65     | 9.5            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-06        | Mid-Flood | Fine              | CS(Mf)5   | 8:17  | 11.1     | Bottom  | 3          | 2         | 24.91           | 8.04 | 31.17         | 95.7  | 6.64     | 9.6            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS5       | 14:59 | 1.0      | Surface | 1          | 1         | 24.59           | 8.07 | 31.63         | 95.8  | 6.66     | 10.4           | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS5       | 15:00 | 1.0      | Surface | 1          | 2         | 24.58           | 8.08 | 31.66         | 91.9  | 6.39     | 10.4           | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS5       | 14:59 | 4.4      | Middle  | 2          | 1         | 24.57           | 8.07 | 31.63         | 94.0  | 6.54     | 10.6           | 16.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS5       | 14:59 | 4.4      | Middle  | 2          | 2         | 24.57           | 8.08 | 31.67         | 91.8  | 6.38     | 10.4           | 17.1     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS5       | 14:59 | 7.8      | Bottom  | 3          | 1         | 24.58           | 8.07 | 31.66         | 91.5  | 6.37     | 10.7           | 19.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS5       | 14:59 | 7.8      | Bottom  | 3          | 2         | 24.56           | 8.07 | 31.60         | 92.6  | 6.44     | 10.6           | 21.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)6   | 15:08 | 1.0      | Surface | 1          | 1         | 24.59           | 8.08 | 31.48         | 93.8  | 6.53     | 12.5           | 16.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)6   | 15:07 | 1.0      | Surface | 1          | 2         | 24.56           | 8.07 | 31.47         | 95.8  | 6.67     | 12.3           | 16.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)6   | 15:07 | 2.5      | Bottom  | 3          | 1         | 24.57           | 8.07 | 31.47         | 91.9  | 6.40     | 12.7           | 16.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)6   | 15:07 | 2.5      | Bottom  | 3          | 2         | 24.56           | 8.07 | 31.46         | 94.4  | 6.57     | 12.6           | 17.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS7       | 15:16 | 1.0      | Surface | 1          | 1         | 24.93           | 8.09 | 31.08         | 97.6  | 6.82     | 9.2            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS7       | 15:17 | 1.0      | Surface | 1          | 2         | 24.95           | 8.11 | 31.11         | 96.8  | 6.71     | 8.9            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS7       | 15:16 | 2.7      | Bottom  | 3          | 1         | 24.53           | 8.07 | 31.07         | 96.4  | 6.68     | 9.4            | 14.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS7       | 15:16 | 2.7      | Bottom  | 3          | 2         | 24.69           | 8.09 | 31.10         | 95.7  | 6.66     | 9.0            | 15.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS8       | 15:48 | 1.0      | Surface | 1          | 1         | 25.14           | 8.15 | 30.72         | 101.3 | 7.02     | 8.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS8       | 15:48 | 1.0      | Surface | 1          | 2         | 25.05           | 8.15 | 30.77         | 99.8  | 6.92     | 8.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS8       | 15:48 | 2.8      | Bottom  | 3          | 1         | 25.08           | 8.15 | 30.69         | 99.5  | 6.90     | 8.3            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS8       | 15:47 | 2.8      | Bottom  | 3          | 2         | 25.03           | 8.15 | 30.73         | 100.2 | 6.94     | 8.5            | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)9   | 15:25 | 1.0      | Surface | 1          | 1         | 24.65           | 8.09 | 30.91         | 98.7  | 6.91     | 9.7            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)9   | 15:25 | 1.0      | Surface | 1          | 2         | 24.83           | 8.12 | 30.92         | 95.8  | 6.66     | 9.3            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)9   | 15:25 | 2.6      | Bottom  | 3          | 1         | 24.71           | 8.10 | 30.88         | 95.5  | 6.65     | 9.7            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS(Mf)9   | 15:25 | 2.6      | Bottom  | 3          | 2         | 24.50           | 8.08 | 30.84         | 95.9  | 6.69     | 9.9            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS10(N)   | 15:28 | 1.0      | Surface | 1          | 1         | 24.56           | 7.99 | 32.77         | 91.0  | 6.29     | 4.3            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS10(N)   | 15:29 | 1.0      | Surface | 1          | 2         | 24.57           | 8.02 | 32.77         | 91.1  | 6.29     | 4.1            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS10(N)   | 15:28 | 5.3      | Middle  | 2          | 1         | 24.46           | 7.99 | 32.75         | 90.6  | 6.27     | 5.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS10(N)   | 15:28 | 5.3      | Middle  | 2          | 2         | 24.47           | 7.98 | 32.76         | 90.3  | 6.25     | 5.5            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS10(N)   | 15:28 | 9.6      | Bottom  | 3          | 1         | 24.47           | 7.99 | 32.75         | 90.8  | 6.29     | 4.9            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | IS10(N)   | 15:28 | 9.6      | Bottom  | 3          | 2         | 24.46           | 7.99 | 32.75         | 90.8  | 6.28     | 5.3            | 13.5     |

## 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 | 2017-11-08        | Mid-Ebb   | Sunny             | SR3(N)    | 14:51 | 1.0      | Surface | 1          | 1         | 24.80           | 8.17 | 29.06         | 99.0  | 7.00     | 9.7            | 15.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR3(N)    | 14:52 | 1.0      | Surface | 1          | 2         | 24.88           | 8.11 | 29.77         | 95.0  | 6.67     | 9.5            | 16.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR3(N)    | 14:51 | 2.8      | Bottom  | 3          | 1         | 24.82           | 8.14 | 29.23         | 93.9  | 6.56     | 9.7            | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR3(N)    | 14:51 | 2.8      | Bottom  | 3          | 2         | 24.73           | 8.28 | 28.37         | 95.8  | 6.73     | 9.9            | 15.5     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR4(N)    | 15:37 | 1.0      | Surface | 1          | 1         | 24.94           | 8.11 | 30.63         | 97.1  | 6.75     | 11.3           | 15.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR4(N)    | 15:36 | 1.0      | Surface | 1          | 2         | 24.93           | 8.09 | 30.50         | 99.9  | 6.96     | 11.5           | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR4(N)    | 15:36 | 2.6      | Bottom  | 3          | 1         | 24.94           | 8.10 | 30.53         | 95.2  | 6.62     | 11.3           | 18.9     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR4(N)    | 15:36 | 2.6      | Bottom  | 3          | 2         | 24.89           | 8.09 | 30.44         | 98.0  | 6.81     | 11.5           | 17.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR5(N)    | 15:17 | 1.0      | Surface | 1          | 1         | 24.53           | 7.98 | 32.76         | 91.1  | 6.30     | 7.6            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR5(N)    | 15:16 | 1.0      | Surface | 1          | 2         | 24.53           | 8.01 | 32.77         | 91.4  | 6.32     | 8.0            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR5(N)    | 15:17 | 4.2      | Middle  | 2          | 1         | 24.48           | 7.98 | 32.76         | 90.8  | 6.28     | 7.8            | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR5(N)    | 15:16 | 4.2      | Middle  | 2          | 2         | 24.48           | 8.05 | 32.76         | 92.0  | 6.37     | 8.1            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR5(N)    | 15:17 | 7.3      | Bottom  | 3          | 1         | 24.47           | 7.99 | 32.75         | 91.1  | 6.31     | 8.0            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR5(N)    | 15:16 | 7.3      | Bottom  | 3          | 2         | 24.47           | 8.10 | 32.76         | 93.1  | 6.45     | 8.4            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:17 | 1.0      | Surface | 1          | 1         | 24.88           | 7.92 | 33.13         | 92.3  | 6.33     | 7.4            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:17 | 1.0      | Surface | 1          | 2         | 24.88           | 7.94 | 33.13         | 89.1  | 6.11     | 7.1            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:16 | 7.0      | Middle  | 2          | 1         | 24.87           | 7.97 | 33.14         | 86.1  | 5.91     | 8.9            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:17 | 7.0      | Middle  | 2          | 2         | 24.87           | 7.91 | 33.14         | 86.1  | 5.90     | 9.2            | 14.5     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:17 | 12.9     | Bottom  | 3          | 1         | 24.86           | 7.92 | 33.14         | 86.0  | 5.90     | 9.2            | 17.5     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10A(N)  | 16:16 | 12.9     | Bottom  | 3          | 2         | 24.86           | 8.04 | 33.14         | 87.6  | 6.01     | 9.7            | 17.5     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:29 | 1.0      | Surface | 1          | 1         | 24.87           | 7.94 | 33.14         | 85.5  | 5.86     | 4.2            | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:28 | 1.0      | Surface | 1          | 2         | 24.87           | 7.92 | 33.14         | 85.4  | 5.86     | 4.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:29 | 3.5      | Middle  | 2          | 1         | 24.87           | 7.93 | 33.15         | 85.2  | 5.85     | 5.0            | 14.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:28 | 3.5      | Middle  | 2          | 2         | 24.87           | 7.92 | 33.14         | 85.4  | 5.86     | 4.7            | 14.5     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:28 | 5.9      | Bottom  | 3          | 1         | 24.87           | 7.93 | 33.14         | 85.4  | 5.86     | 6.2            | 17.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | SR10B(N2) | 16:28 | 5.9      | Bottom  | 3          | 2         | 24.86           | 7.92 | 33.14         | 85.2  | 5.85     | 6.1            | 18.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS2(A)    | 14:21 | 1.0      | Surface | 1          | 1         | 24.49           | 8.08 | 32.65         | 93.2  | 6.45     | 14.8           | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS2(A)    | 14:22 | 1.0      | Surface | 1          | 2         | 24.50           | 8.03 | 32.57         | 92.7  | 6.42     | 14.0           | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS2(A)    | 14:21 | 3.7      | Middle  | 2          | 1         | 24.45           | 8.12 | 32.96         | 93.6  | 6.47     | 14.6           | 14.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS2(A)    | 14:22 | 3.7      | Middle  | 2          | 2         | 24.44           | 8.05 | 32.99         | 92.5  | 6.40     | 14.3           | 16.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS2(A)    | 14:21 | 6.3      | Bottom  | 3          | 1         | 24.45           | 8.12 | 33.00         | 94.5  | 6.54     | 15.5           | 16.5     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS2(A)    | 14:21 | 6.3      | Bottom  | 3          | 2         | 24.44           | 8.06 | 33.00         | 92.9  | 6.43     | 16.3           | 16.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:10 | 1.0      | Surface | 1          | 1         | 25.10           | 8.12 | 30.74         | 99.6  | 6.91     | 4.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:11 | 1.0      | Surface | 1          | 2         | 25.08           | 8.12 | 30.76         | 96.5  | 6.69     | 4.3            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:10 | 6.4      | Middle  | 2          | 1         | 25.07           | 8.12 | 30.79         | 96.2  | 6.67     | 4.3            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:10 | 6.4      | Middle  | 2          | 2         | 25.07           | 8.11 | 30.76         | 97.8  | 6.78     | 4.6            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:10 | 11.8     | Bottom  | 3          | 1         | 25.06           | 8.11 | 30.76         | 97.1  | 6.73     | 4.7            | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:10 | 11.8     | Bottom  | 3          | 2         | 25.08           | 8.12 | 30.78         | 96.0  | 6.65     | 4.3            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS5       | 10:41 | 1.0      | Surface | 1          | 1         | 24.39           | 8.06 | 29.72         | 96.8  | 6.83     | 14.4           | 17.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS5       | 10:42 | 1.0      | Surface | 1          | 2         | 24.41           | 8.07 | 29.76         | 92.7  | 6.53     | 14.3           | 17.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS5       | 10:41 | 4.5      | Middle  | 2          | 1         | 24.39           | 8.05 | 29.72         | 94.5  | 6.67     | 14.4           | 23.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS5       | 10:41 | 4.5      | Middle  | 2          | 2         | 24.38           | 8.07 | 29.77         | 92.5  | 6.52     | 14.6           | 23.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS5       | 10:41 | 7.9      | Bottom  | 3          | 1         | 24.37           | 8.05 | 29.69         | 93.6  | 6.60     | 14.6           | 24.9     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS5       | 10:41 | 7.9      | Bottom  | 3          | 2         | 24.38           | 8.06 | 29.77         | 92.3  | 6.51     | 14.7           | 24.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)6   | 10:33 | 1.0      | Surface | 1          | 1         | 24.40           | 8.06 | 29.79         | 93.8  | 6.61     | 19.7           | 17.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)6   | 10:33 | 1.0      | Surface | 1          | 2         | 24.42           | 8.06 | 29.78         | 96.2  | 6.78     | 19.5           | 16.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)6   | 10:32 | 2.5      | Bottom  | 3          | 1         | 24.40           | 8.05 | 29.76         | 94.3  | 6.64     | 19.7           | 26.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)6   | 10:33 | 2.5      | Bottom  | 3          | 2         | 24.41           | 8.06 | 29.78         | 93.4  | 6.59     | 19.8           | 27.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS7       | 10:23 | 1.0      | Surface | 1          | 1         | 24.40           | 8.04 | 29.66         | 103.7 | 7.33     | 15.4           | 18.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS7       | 10:24 | 1.0      | Surface | 1          | 2         | 24.41           | 8.05 | 29.73         | 97.0  | 6.84     | 15.4           | 18.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS7       | 10:23 | 2.6      | Bottom  | 3          | 1         | 24.30           | 8.01 | 29.60         | 98.7  | 6.96     | 15.7           | 23.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS7       | 10:23 | 2.6      | Bottom  | 3          | 2         | 24.39           | 8.05 | 29.70         | 94.3  | 6.65     | 15.6           | 23.4     |

## 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 | 2017-11-08        | Mid-Flood | Sunny             | IS8       | 9:52  | 1.0      | Surface | 1          | 1         | 24.49           | 8.07 | 29.71         | 97.8  | 6.89     | 19.5           | 21.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS8       | 9:52  | 1.0      | Surface | 1          | 2         | 24.47           | 8.08 | 29.73         | 94.8  | 6.67     | 19.3           | 21.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS8       | 9:52  | 2.9      | Bottom  | 3          | 1         | 24.48           | 8.07 | 29.72         | 94.4  | 6.64     | 19.3           | 28.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS8       | 9:51  | 2.9      | Bottom  | 3          | 2         | 24.46           | 8.06 | 29.71         | 95.2  | 6.70     | 19.5           | 27.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)9   | 10:14 | 1.0      | Surface | 1          | 1         | 24.50           | 8.08 | 29.88         | 96.4  | 6.78     | 15.4           | 21.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)9   | 10:13 | 1.0      | Surface | 1          | 2         | 24.52           | 8.08 | 29.86         | 102.2 | 7.22     | 15.1           | 23.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)9   | 10:13 | 2.9      | Bottom  | 3          | 1         | 24.23           | 8.07 | 30.00         | 97.5  | 6.86     | 15.2           | 22.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS(Mf)9   | 10:13 | 2.9      | Bottom  | 3          | 2         | 24.49           | 8.08 | 29.87         | 93.8  | 6.60     | 15.5           | 22.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS10(N)   | 10:08 | 1.0      | Surface | 1          | 1         | 24.27           | 7.92 | 32.69         | 97.6  | 6.79     | 15.2           | 24.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS10(N)   | 10:09 | 1.0      | Surface | 1          | 2         | 24.27           | 7.90 | 32.70         | 95.1  | 6.61     | 14.5           | 23.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS10(N)   | 10:08 | 5.6      | Middle  | 2          | 1         | 24.27           | 7.96 | 32.70         | 92.5  | 6.43     | 13.9           | 24.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS10(N)   | 10:09 | 5.6      | Middle  | 2          | 2         | 24.27           | 7.91 | 32.69         | 92.0  | 6.39     | 14.3           | 24.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS10(N)   | 10:08 | 10.1     | Bottom  | 3          | 1         | 24.27           | 7.91 | 32.69         | 92.5  | 6.43     | 15.1           | 28.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | IS10(N)   | 10:08 | 10.1     | Bottom  | 3          | 2         | 24.26           | 8.05 | 32.70         | 93.3  | 6.49     | 14.4           | 28.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR3(N)    | 10:52 | 1.0      | Surface | 1          | 1         | 24.38           | 8.06 | 29.75         | 95.6  | 6.75     | 15.4           | 20.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR3(N)    | 10:53 | 1.0      | Surface | 1          | 2         | 24.40           | 8.07 | 29.78         | 91.2  | 6.43     | 15.5           | 19.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR3(N)    | 10:52 | 3.0      | Bottom  | 3          | 1         | 24.38           | 8.06 | 29.77         | 90.0  | 6.34     | 15.6           | 24.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR3(N)    | 10:52 | 3.0      | Bottom  | 3          | 2         | 24.36           | 8.05 | 29.68         | 92.1  | 6.50     | 15.6           | 25.1     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR4(N)    | 10:00 | 1.0      | Surface | 1          | 1         | 24.55           | 8.05 | 29.76         | 95.3  | 6.70     | 19.8           | 37.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR4(N)    | 10:00 | 1.0      | Surface | 1          | 2         | 24.53           | 8.05 | 29.73         | 102.6 | 7.23     | 19.8           | 36.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR4(N)    | 10:00 | 2.8      | Bottom  | 3          | 1         | 24.54           | 8.05 | 29.74         | 91.9  | 6.46     | 19.9           | 41.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR4(N)    | 10:00 | 2.8      | Bottom  | 3          | 2         | 24.49           | 8.04 | 29.71         | 96.7  | 6.80     | 19.8           | 42.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR5(N)    | 10:20 | 1.0      | Surface | 1          | 1         | 24.27           | 7.91 | 32.69         | 91.3  | 6.34     | 13.3           | 22.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR5(N)    | 10:20 | 1.0      | Surface | 1          | 2         | 24.27           | 7.91 | 32.69         | 91.3  | 6.35     | 13.1           | 23.1     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR5(N)    | 10:19 | 4.2      | Middle  | 2          | 1         | 24.26           | 7.91 | 32.69         | 91.5  | 6.36     | 14.2           | 26.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR5(N)    | 10:20 | 4.2      | Middle  | 2          | 2         | 24.27           | 7.91 | 32.70         | 91.4  | 6.35     | 14.4           | 25.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR5(N)    | 10:20 | 7.4      | Bottom  | 3          | 1         | 24.27           | 7.91 | 32.69         | 91.7  | 6.37     | 16.2           | 27.9     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR5(N)    | 10:19 | 7.4      | Bottom  | 3          | 2         | 24.26           | 7.93 | 32.68         | 91.4  | 6.35     | 15.5           | 27.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10A(N)  | 9:23  | 1.0      | Surface | 1          | 1         | 24.78           | 7.80 | 33.14         | 86.8  | 5.97     | 14.4           | 20.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10A(N)  | 9:24  | 1.0      | Surface | 1          | 2         | 24.79           | 7.81 | 33.14         | 86.5  | 5.94     | 15.0           | 21.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10A(N)  | 9:23  | 6.9      | Middle  | 2          | 1         | 24.78           | 7.80 | 33.14         | 87.7  | 6.03     | 14.8           | 25.1     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10A(N)  | 9:23  | 6.9      | Middle  | 2          | 2         | 24.78           | 7.81 | 33.14         | 86.9  | 5.97     | 14.0           | 23.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10A(N)  | 9:23  | 12.7     | Bottom  | 3          | 1         | 24.78           | 7.80 | 33.13         | 88.9  | 6.11     | 14.2           | 24.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10A(N)  | 9:23  | 12.7     | Bottom  | 3          | 2         | 24.78           | 7.81 | 33.14         | 86.5  | 5.95     | 14.5           | 25.0     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10B(N2) | 9:12  | 1.0      | Surface | 1          | 1         | 24.79           | 7.76 | 33.14         | 95.5  | 6.56     | 16.1           | 21.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10B(N2) | 9:11  | 1.0      | Surface | 1          | 2         | 24.78           | 7.77 | 33.14         | 91.8  | 6.30     | 16.3           | 21.6     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10B(N2) | 9:11  | 3.5      | Middle  | 2          | 1         | 24.78           | 7.81 | 33.14         | 89.4  | 6.14     | 15.7           | 24.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10B(N2) | 9:12  | 3.5      | Middle  | 2          | 2         | 24.78           | 7.76 | 33.13         | 87.4  | 6.00     | 15.5           | 24.2     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10B(N2) | 9:12  | 6.0      | Bottom  | 3          | 1         | 24.79           | 7.76 | 33.14         | 88.6  | 6.09     | 17.3           | 28.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | SR10B(N2) | 9:11  | 6.0      | Bottom  | 3          | 2         | 24.78           | 7.82 | 33.15         | 87.3  | 6.00     | 16.6           | 26.7     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS2(A)    | 11:22 | 1.0      | Surface | 1          | 1         | 24.19           | 7.96 | 32.58         | 93.3  | 6.49     | 20.2           | 22.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS2(A)    | 11:21 | 1.0      | Surface | 1          | 2         | 24.19           | 7.96 | 32.58         | 94.2  | 6.56     | 19.5           | 22.9     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS2(A)    | 11:21 | 3.8      | Middle  | 2          | 1         | 24.16           | 7.99 | 32.57         | 94.6  | 6.59     | 18.9           | 25.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS2(A)    | 11:22 | 3.8      | Middle  | 2          | 2         | 24.16           | 7.95 | 32.57         | 93.4  | 6.51     | 19.7           | 27.3     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS2(A)    | 11:22 | 6.6      | Bottom  | 3          | 1         | 24.16           | 7.95 | 32.56         | 93.5  | 6.52     | 22.4           | 28.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS2(A)    | 11:21 | 6.6      | Bottom  | 3          | 2         | 24.16           | 8.03 | 32.56         | 95.6  | 6.66     | 21.3           | 26.8     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS(Mf)5   | 9:29  | 1.0      | Surface | 1          | 1         | 24.55           | 8.06 | 29.48         | 97.2  | 6.84     | 7.7            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS(Mf)5   | 9:28  | 1.0      | Surface | 1          | 2         | 24.55           | 8.04 | 29.27         | 103.9 | 7.34     | 7.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS(Mf)5   | 9:28  | 6.4      | Middle  | 2          | 1         | 24.54           | 8.02 | 29.20         | 100.1 | 7.06     | 7.5            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS(Mf)5   | 9:29  | 6.4      | Middle  | 2          | 2         | 24.55           | 8.05 | 29.55         | 96.6  | 6.80     | 7.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS(Mf)5   | 9:29  | 11.8     | Bottom  | 3          | 1         | 24.55           | 8.05 | 29.53         | 96.0  | 6.76     | 7.7            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-08        | Mid-Flood | Sunny             | CS(Mf)5   | 9:28  | 11.8     | Bottom  | 3          | 2         | 24.55           | 7.99 | 28.96         | 98.4  | 6.94     | 7.5            | 9.6      |

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 | 2017-11-10        | Mid-Ebb | Sunny             | IS5       | 17:02 | 1.0      | Surface | 1          | 1         | 25.53           | 8.08 | 30.83         | 99.5  | 6.84     | 7.3            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS5       | 17:03 | 1.0      | Surface | 1          | 2         | 25.52           | 8.08 | 30.88         | 99.2  | 6.81     | 7.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS5       | 17:02 | 4.2      | Middle  | 2          | 1         | 25.44           | 8.08 | 30.92         | 99.0  | 6.81     | 7.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS5       | 17:02 | 4.2      | Middle  | 2          | 2         | 25.41           | 8.08 | 30.87         | 99.2  | 6.83     | 7.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS5       | 17:02 | 7.3      | Bottom  | 3          | 1         | 25.43           | 8.08 | 30.90         | 99.0  | 6.82     | 7.4            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS5       | 17:02 | 7.3      | Bottom  | 3          | 2         | 25.38           | 8.08 | 30.86         | 99.4  | 6.85     | 7.3            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)6   | 17:15 | 1.0      | Surface | 1          | 1         | 25.27           | 8.11 | 30.59         | 102.3 | 7.07     | 8.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)6   | 17:15 | 1.0      | Surface | 1          | 2         | 25.27           | 8.11 | 30.62         | 101.4 | 7.01     | 8.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)6   | 17:14 | 2.3      | Bottom  | 3          | 1         | 25.16           | 8.13 | 30.63         | 102.9 | 7.13     | 9.0            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)6   | 17:15 | 2.3      | Bottom  | 3          | 2         | 25.26           | 8.11 | 30.61         | 101.8 | 7.04     | 8.7            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS7       | 17:25 | 1.0      | Surface | 1          | 1         | 25.48           | 8.08 | 30.89         | 102.1 | 7.02     | 9.6            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS7       | 17:25 | 1.0      | Surface | 1          | 2         | 25.45           | 8.08 | 30.93         | 100.9 | 6.94     | 9.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS7       | 17:25 | 2.4      | Bottom  | 3          | 1         | 25.26           | 8.09 | 30.92         | 102.3 | 7.06     | 9.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS7       | 17:25 | 2.4      | Bottom  | 3          | 2         | 25.39           | 8.08 | 30.94         | 101.0 | 6.96     | 9.3            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS8       | 17:55 | 1.0      | Surface | 1          | 1         | 25.63           | 8.13 | 30.49         | 98.6  | 6.78     | 6.2            | 4.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS8       | 17:55 | 1.0      | Surface | 1          | 2         | 25.48           | 8.13 | 30.58         | 100.2 | 6.90     | 7.1            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS8       | 17:55 | 2.8      | Bottom  | 3          | 1         | 25.02           | 8.08 | 30.89         | 96.0  | 6.66     | 7.8            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS8       | 17:55 | 2.8      | Bottom  | 3          | 2         | 25.39           | 8.13 | 30.62         | 99.6  | 6.87     | 7.6            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)9   | 17:33 | 1.0      | Surface | 1          | 1         | 25.78           | 8.10 | 30.81         | 101.3 | 6.93     | 6.8            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)9   | 17:34 | 1.0      | Surface | 1          | 2         | 25.46           | 8.10 | 30.94         | 99.9  | 6.87     | 7.3            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)9   | 17:33 | 2.7      | Bottom  | 3          | 1         | 25.09           | 8.09 | 30.98         | 99.7  | 6.89     | 7.9            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS(MF)9   | 17:33 | 2.7      | Bottom  | 3          | 2         | 24.99           | 8.07 | 30.96         | 100.2 | 6.94     | 8.3            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS10(N)   | 17:43 | 1.0      | Surface | 1          | 1         | 25.15           | 7.99 | 31.36         | 96.8  | 6.68     | 4.8            | 5.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS10(N)   | 17:43 | 1.0      | Surface | 1          | 2         | 25.00           | 7.99 | 31.56         | 94.3  | 6.52     | 4.7            | 4.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS10(N)   | 17:42 | 5.5      | Middle  | 2          | 1         | 24.69           | 8.01 | 32.07         | 93.6  | 6.49     | 4.7            | 4.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS10(N)   | 17:43 | 5.5      | Middle  | 2          | 2         | 24.64           | 8.00 | 32.09         | 93.7  | 6.50     | 4.8            | 4.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS10(N)   | 17:42 | 10.0     | Bottom  | 3          | 1         | 24.60           | 8.03 | 32.12         | 92.5  | 6.40     | 4.9            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | IS10(N)   | 17:43 | 10.0     | Bottom  | 3          | 2         | 24.59           | 7.99 | 32.11         | 92.6  | 6.42     | 4.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR3(N)    | 16:54 | 1.0      | Surface | 1          | 1         | 25.63           | 8.09 | 30.57         | 101.3 | 6.96     | 7.2            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR3(N)    | 16:54 | 1.0      | Surface | 1          | 2         | 25.58           | 8.12 | 30.46         | 101.9 | 7.01     | 7.2            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR3(N)    | 16:54 | 2.3      | Bottom  | 3          | 1         | 25.60           | 8.11 | 30.50         | 101.6 | 6.99     | 7.1            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR3(N)    | 16:54 | 2.3      | Bottom  | 3          | 2         | 25.49           | 8.10 | 30.37         | 102.3 | 7.05     | 6.9            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR4(N)    | 17:44 | 1.0      | Surface | 1          | 1         | 25.52           | 8.12 | 30.53         | 102.4 | 7.05     | 6.8            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR4(N)    | 17:44 | 1.0      | Surface | 1          | 2         | 25.61           | 8.12 | 30.44         | 103.0 | 7.08     | 7.0            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR4(N)    | 17:44 | 2.7      | Bottom  | 3          | 1         | 25.25           | 8.10 | 30.65         | 103.0 | 7.12     | 7.2            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR4(N)    | 17:44 | 2.7      | Bottom  | 3          | 2         | 25.43           | 8.11 | 30.58         | 102.4 | 7.06     | 6.8            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR5(N)    | 17:33 | 1.0      | Surface | 1          | 1         | 25.13           | 7.99 | 30.90         | 94.6  | 6.54     | 4.8            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR5(N)    | 17:33 | 1.0      | Surface | 1          | 2         | 25.02           | 7.99 | 31.09         | 94.3  | 6.53     | 4.7            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR5(N)    | 17:33 | 4.0      | Middle  | 2          | 1         | 24.88           | 7.99 | 31.92         | 93.7  | 6.48     | 6.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR5(N)    | 17:32 | 4.0      | Middle  | 2          | 2         | 24.82           | 8.00 | 31.99         | 94.0  | 6.51     | 6.2            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR5(N)    | 17:33 | 7.0      | Bottom  | 3          | 1         | 24.79           | 7.98 | 31.94         | 93.7  | 6.47     | 6.5            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR5(N)    | 17:32 | 7.0      | Bottom  | 3          | 2         | 24.73           | 8.01 | 32.03         | 93.2  | 6.44     | 6.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10A(N)  | 18:36 | 1.0      | Surface | 1          | 1         | 24.91           | 7.91 | 32.85         | 88.1  | 6.05     | 3.5            | 6.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10A(N)  | 18:35 | 1.0      | Surface | 1          | 2         | 24.92           | 7.91 | 32.85         | 90.5  | 6.22     | 3.5            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10A(N)  | 18:36 | 6.8      | Middle  | 2          | 1         | 24.92           | 7.91 | 32.85         | 87.5  | 6.01     | 3.6            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10A(N)  | 18:35 | 6.8      | Middle  | 2          | 2         | 24.92           | 7.91 | 32.85         | 89.0  | 6.11     | 3.6            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10A(N)  | 18:35 | 12.5     | Bottom  | 3          | 1         | 24.92           | 7.91 | 32.84         | 87.3  | 6.00     | 4.2            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10A(N)  | 18:35 | 12.5     | Bottom  | 3          | 2         | 24.92           | 7.91 | 32.83         | 88.5  | 6.07     | 4.1            | 5.2      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10B(N2) | 18:43 | 1.0      | Surface | 1          | 1         | 24.90           | 7.93 | 32.88         | 89.4  | 6.14     | 3.3            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10B(N2) | 18:44 | 1.0      | Surface | 1          | 2         | 24.90           | 7.92 | 32.88         | 86.9  | 5.96     | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10B(N2) | 18:43 | 4.0      | Middle  | 2          | 1         | 24.90           | 7.93 | 32.88         | 88.3  | 6.06     | 3.9            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb | Sunny             | SR10B(N2) | 18:44 | 4.0      | Middle  | 2          | 2         | 24.90           | 7.92 | 32.88         | 86.6  | 5.95     | 3.8            | 5.9      |



## 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 | 2017-11-10        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:43 | 6.9      | Bottom  | 3          | 1         | 24.91           | 7.93 | 32.90         | 87.1  | 5.98     | 3.8            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | SR10B(N2) | 18:43 | 6.9      | Bottom  | 3          | 2         | 24.90           | 7.92 | 32.88         | 86.6  | 5.95     | 3.8            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS2(A)    | 16:39 | 1.0      | Surface | 1          | 1         | 24.74           | 7.97 | 30.86         | 93.7  | 6.51     | 7.3            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS2(A)    | 16:40 | 1.0      | Surface | 1          | 2         | 24.72           | 7.96 | 30.82         | 93.0  | 6.48     | 7.4            | 5.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS2(A)    | 16:40 | 4.0      | Middle  | 2          | 1         | 24.59           | 7.98 | 32.00         | 93.0  | 6.45     | 7.6            | 5.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS2(A)    | 16:39 | 4.0      | Middle  | 2          | 2         | 24.57           | 7.99 | 31.88         | 93.5  | 6.48     | 7.2            | 5.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS2(A)    | 16:40 | 6.9      | Bottom  | 3          | 1         | 24.65           | 7.99 | 32.23         | 92.9  | 6.43     | 7.8            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS2(A)    | 16:39 | 6.9      | Bottom  | 3          | 2         | 24.65           | 8.04 | 32.23         | 93.1  | 6.46     | 7.3            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:20 | 1.0      | Surface | 1          | 1         | 25.18           | 8.10 | 30.32         | 99.3  | 6.91     | 4.0            | 4.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:20 | 1.0      | Surface | 1          | 2         | 25.17           | 8.11 | 30.47         | 95.0  | 6.58     | 4.2            | 4.2      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:19 | 6.2      | Middle  | 2          | 1         | 24.88           | 8.07 | 30.72         | 96.2  | 6.67     | 5.9            | 3.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:20 | 6.2      | Middle  | 2          | 2         | 24.90           | 8.08 | 30.98         | 93.4  | 6.48     | 6.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:19 | 11.4     | Bottom  | 3          | 1         | 24.91           | 8.08 | 30.54         | 95.1  | 6.61     | 6.5            | 4.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Ebb   | Sunny             | CS(Mf)5   | 18:20 | 11.4     | Bottom  | 3          | 2         | 24.92           | 8.08 | 30.96         | 94.7  | 6.57     | 6.0            | 3.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS5       | 13:03 | 1.0      | Surface | 1          | 1         | 25.26           | 8.06 | 30.56         | 99.2  | 6.86     | 7.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS5       | 13:04 | 1.0      | Surface | 1          | 2         | 25.30           | 8.06 | 30.62         | 98.8  | 6.83     | 7.8            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS5       | 13:03 | 4.2      | Middle  | 2          | 1         | 25.20           | 8.06 | 30.57         | 99.2  | 6.87     | 7.9            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS5       | 13:04 | 4.2      | Middle  | 2          | 2         | 25.17           | 8.06 | 30.66         | 98.4  | 6.81     | 8.1            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS5       | 13:04 | 7.3      | Bottom  | 3          | 1         | 25.17           | 8.06 | 30.62         | 98.8  | 6.84     | 8.1            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS5       | 13:03 | 7.3      | Bottom  | 3          | 2         | 25.18           | 8.07 | 30.53         | 99.6  | 6.90     | 7.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)6   | 12:54 | 1.0      | Surface | 1          | 1         | 25.23           | 8.06 | 30.69         | 98.9  | 6.84     | 10.8           | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)6   | 12:54 | 1.0      | Surface | 1          | 2         | 25.29           | 8.07 | 30.63         | 99.7  | 6.89     | 10.7           | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)6   | 12:53 | 2.4      | Bottom  | 3          | 1         | 25.11           | 8.08 | 30.66         | 100.9 | 6.99     | 11.0           | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)6   | 12:54 | 2.4      | Bottom  | 3          | 2         | 25.28           | 8.06 | 30.63         | 99.5  | 6.88     | 12.1           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS7       | 12:46 | 1.0      | Surface | 1          | 1         | 25.38           | 8.06 | 30.38         | 100.3 | 6.93     | 11.7           | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS7       | 12:46 | 1.0      | Surface | 1          | 2         | 25.43           | 8.06 | 30.50         | 99.2  | 6.84     | 12.1           | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS7       | 12:46 | 2.5      | Bottom  | 3          | 1         | 25.43           | 8.06 | 30.47         | 99.6  | 6.87     | 13.8           | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS7       | 12:46 | 2.5      | Bottom  | 3          | 2         | 25.28           | 8.07 | 30.32         | 101.4 | 7.02     | 13.2           | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS8       | 12:19 | 1.0      | Surface | 1          | 1         | 24.93           | 8.11 | 29.59         | 98.0  | 6.85     | 12.6           | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS8       | 12:19 | 1.0      | Surface | 1          | 2         | 24.92           | 8.11 | 29.31         | 98.9  | 6.93     | 12.6           | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS8       | 12:19 | 2.9      | Bottom  | 3          | 1         | 24.91           | 8.11 | 29.51         | 98.4  | 6.88     | 12.5           | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS8       | 12:18 | 2.9      | Bottom  | 3          | 2         | 24.87           | 8.11 | 29.16         | 99.4  | 6.98     | 12.3           | 15.2     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)9   | 12:38 | 1.0      | Surface | 1          | 1         | 24.89           | 8.07 | 30.41         | 99.8  | 6.95     | 9.8            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)9   | 12:38 | 1.0      | Surface | 1          | 2         | 24.88           | 8.06 | 30.54         | 98.5  | 6.86     | 9.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)9   | 12:38 | 2.7      | Bottom  | 3          | 1         | 24.89           | 8.06 | 30.49         | 99.1  | 6.90     | 11.6           | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS(Mf)9   | 12:38 | 2.7      | Bottom  | 3          | 2         | 24.85           | 8.09 | 30.34         | 100.8 | 7.03     | 12.1           | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS10(N)   | 12:37 | 1.0      | Surface | 1          | 1         | 24.76           | 7.98 | 31.80         | 94.3  | 6.53     | 7.5            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS10(N)   | 12:37 | 1.0      | Surface | 1          | 2         | 24.77           | 7.97 | 31.81         | 94.0  | 6.51     | 7.6            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS10(N)   | 12:37 | 5.5      | Middle  | 2          | 1         | 24.71           | 7.98 | 31.93         | 93.9  | 6.50     | 7.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS10(N)   | 12:37 | 5.5      | Middle  | 2          | 2         | 24.69           | 7.98 | 31.94         | 94.2  | 6.52     | 7.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS10(N)   | 12:36 | 9.9      | Bottom  | 3          | 1         | 24.68           | 7.99 | 32.06         | 94.2  | 6.52     | 7.4            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | IS10(N)   | 12:37 | 9.9      | Bottom  | 3          | 2         | 24.69           | 7.98 | 32.04         | 93.8  | 6.50     | 7.6            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR3(N)    | 13:17 | 1.0      | Surface | 1          | 1         | 25.24           | 8.06 | 30.68         | 98.4  | 6.80     | 7.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR3(N)    | 13:16 | 1.0      | Surface | 1          | 2         | 25.27           | 8.07 | 30.67         | 98.7  | 6.82     | 7.1            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR3(N)    | 13:16 | 2.3      | Bottom  | 3          | 1         | 25.25           | 8.06 | 30.68         | 98.6  | 6.82     | 7.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR3(N)    | 13:16 | 2.3      | Bottom  | 3          | 2         | 25.25           | 8.06 | 30.68         | 98.5  | 6.81     | 7.4            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR4(N)    | 12:29 | 1.0      | Surface | 1          | 1         | 24.96           | 8.11 | 30.02         | 97.3  | 6.79     | 8.8            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR4(N)    | 12:29 | 1.0      | Surface | 1          | 2         | 25.02           | 8.11 | 29.92         | 97.3  | 6.78     | 9.0            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR4(N)    | 12:29 | 2.6      | Bottom  | 3          | 1         | 24.99           | 8.11 | 29.97         | 97.2  | 6.78     | 9.9            | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR4(N)    | 12:28 | 2.6      | Bottom  | 3          | 2         | 24.86           | 8.11 | 29.96         | 97.1  | 6.79     | 10.4           | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR5(N)    | 12:46 | 1.0      | Surface | 1          | 1         | 24.60           | 7.97 | 32.08         | 93.5  | 6.48     | 9.6            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR5(N)    | 12:47 | 1.0      | Surface | 1          | 2         | 24.64           | 7.97 | 32.07         | 92.1  | 6.39     | 9.7            | 10.1     |

## 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 | 2017-11-10        | Mid-Flood | Sunny             | SR5(N)    | 12:47 | 4.2      | Middle  | 2          | 1         | 24.58           | 7.96 | 32.09         | 92.0  | 6.38     | 12.9           | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR5(N)    | 12:46 | 4.2      | Middle  | 2          | 2         | 24.58           | 7.98 | 32.09         | 92.6  | 6.42     | 13.1           | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR5(N)    | 12:47 | 7.3      | Bottom  | 3          | 1         | 24.58           | 7.97 | 32.10         | 91.8  | 6.36     | 12.8           | 13.3     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR5(N)    | 12:46 | 7.3      | Bottom  | 3          | 2         | 24.58           | 8.00 | 32.10         | 92.4  | 6.41     | 13.1           | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10A(N)  | 11:45 | 1.0      | Surface | 1          | 1         | 24.70           | 7.94 | 32.50         | 89.9  | 6.20     | 6.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10A(N)  | 11:46 | 1.0      | Surface | 1          | 2         | 24.70           | 7.93 | 32.50         | 89.1  | 6.15     | 5.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10A(N)  | 11:45 | 6.8      | Middle  | 2          | 1         | 24.66           | 7.94 | 32.54         | 89.4  | 6.17     | 7.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10A(N)  | 11:45 | 6.8      | Middle  | 2          | 2         | 24.66           | 7.93 | 32.54         | 89.0  | 6.14     | 7.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10A(N)  | 11:45 | 12.6     | Bottom  | 3          | 1         | 24.67           | 7.93 | 32.58         | 88.8  | 6.14     | 7.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10A(N)  | 11:45 | 12.6     | Bottom  | 3          | 2         | 24.67           | 7.94 | 32.62         | 89.1  | 6.16     | 7.6            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10B(N2) | 11:37 | 1.0      | Surface | 1          | 1         | 24.86           | 7.87 | 32.96         | 91.8  | 6.31     | 9.9            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10B(N2) | 11:37 | 1.0      | Surface | 1          | 2         | 24.84           | 7.89 | 32.96         | 87.6  | 6.02     | 9.7            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10B(N2) | 11:37 | 4        | Middle  | 2          | 1         | 24.84           | 7.87 | 32.96         | 89.4  | 6.14     | 10.4           | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10B(N2) | 11:37 | 4        | Middle  | 2          | 2         | 24.84           | 7.88 | 32.97         | 87.2  | 5.99     | 10.6           | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10B(N2) | 11:37 | 7.0      | Bottom  | 3          | 1         | 24.84           | 7.88 | 32.97         | 87.0  | 5.97     | 11.4           | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | SR10B(N2) | 11:36 | 7.0      | Bottom  | 3          | 2         | 24.84           | 7.89 | 32.96         | 88.6  | 6.08     | 11.2           | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS2(A)    | 13:43 | 1.0      | Surface | 1          | 1         | 25.16           | 8.02 | 30.89         | 93.9  | 6.49     | 10.2           | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS2(A)    | 13:42 | 1.0      | Surface | 1          | 2         | 25.19           | 8.04 | 30.86         | 94.3  | 6.52     | 10.6           | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS2(A)    | 13:43 | 4.0      | Middle  | 2          | 1         | 24.52           | 8.02 | 31.60         | 93.7  | 6.49     | 11.4           | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS2(A)    | 13:42 | 4.0      | Middle  | 2          | 2         | 24.38           | 8.07 | 31.71         | 92.3  | 6.44     | 11.4           | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS2(A)    | 13:43 | 7.0      | Bottom  | 3          | 1         | 24.64           | 8.03 | 31.47         | 92.6  | 6.45     | 11.2           | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS2(A)    | 13:42 | 7.0      | Bottom  | 3          | 2         | 24.35           | 8.09 | 31.73         | 92.0  | 6.42     | 11.5           | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS(Mf)5   | 11:57 | 1.0      | Surface | 1          | 1         | 24.98           | 8.03 | 30.17         | 99.6  | 6.99     | 6.0            | 3.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS(Mf)5   | 11:56 | 1.0      | Surface | 1          | 2         | 25.03           | 8.01 | 29.66         | 100.9 | 7.09     | 5.9            | 3.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS(Mf)5   | 11:56 | 6.2      | Middle  | 2          | 1         | 24.74           | 8.02 | 30.26         | 97.3  | 6.78     | 8.0            | 3.6      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS(Mf)5   | 11:56 | 6.2      | Middle  | 2          | 2         | 24.75           | 8.00 | 29.57         | 98.3  | 6.87     | 7.8            | 3.1      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS(Mf)5   | 11:56 | 11.4     | Bottom  | 3          | 1         | 24.76           | 7.99 | 29.25         | 99.2  | 6.92     | 7.7            | 3.4      |
| HKLR    | HY/2011/03 | 2017-11-10        | Mid-Flood | Sunny             | CS(Mf)5   | 11:56 | 11.4     | Bottom  | 3          | 2         | 24.82           | 8.02 | 29.95         | 97.2  | 6.79     | 7.8            | 3.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS5       | 9:27  | 1.0      | Surface | 1          | 1         | 24.54           | 8.05 | 28.93         | 100.6 | 7.12     | 6.6            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS5       | 9:26  | 1.0      | Surface | 1          | 2         | 24.54           | 8.04 | 28.88         | 98.6  | 6.97     | 6.8            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS5       | 9:26  | 4.2      | Middle  | 2          | 1         | 24.53           | 8.03 | 28.87         | 94.1  | 6.65     | 6.7            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS5       | 9:27  | 4.2      | Middle  | 2          | 2         | 24.54           | 8.05 | 28.92         | 95.3  | 6.73     | 6.9            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS5       | 9:26  | 7.4      | Bottom  | 3          | 1         | 24.53           | 8.03 | 28.85         | 94.5  | 6.68     | 7.0            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS5       | 9:27  | 7.4      | Bottom  | 3          | 2         | 24.54           | 8.04 | 28.91         | 97.4  | 6.89     | 6.7            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:18  | 1.0      | Surface | 1          | 1         | 24.61           | 8.03 | 28.70         | 101.6 | 7.19     | 9.9            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:18  | 1.0      | Surface | 1          | 2         | 24.62           | 8.02 | 28.63         | 98.3  | 6.95     | 10.4           | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:18  | 2.2      | Bottom  | 3          | 1         | 24.62           | 8.02 | 28.67         | 96.4  | 6.82     | 10.3           | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:18  | 2.2      | Bottom  | 3          | 2         | 24.60           | 8.02 | 28.58         | 95.1  | 6.72     | 10.6           | 15.6     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS7       | 9:09  | 1.0      | Surface | 1          | 1         | 24.39           | 8.05 | 28.55         | 98.8  | 7.01     | 9.0            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS7       | 9:10  | 1.0      | Surface | 1          | 2         | 24.39           | 8.06 | 28.61         | 100.7 | 7.15     | 8.7            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS7       | 9:09  | 2.4      | Bottom  | 3          | 1         | 24.39           | 8.05 | 28.59         | 97.5  | 6.92     | 8.7            | 13.5     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS7       | 9:09  | 2.4      | Bottom  | 3          | 2         | 24.39           | 8.05 | 28.51         | 96.5  | 6.85     | 9.2            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS8       | 8:42  | 1.0      | Surface | 1          | 1         | 24.51           | 8.03 | 28.65         | 102.0 | 7.22     | 10.8           | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS8       | 8:42  | 1.0      | Surface | 1          | 2         | 24.51           | 8.03 | 28.60         | 99.6  | 7.06     | 10.5           | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS8       | 8:41  | 3.0      | Bottom  | 3          | 1         | 24.51           | 8.03 | 28.58         | 97.2  | 6.89     | 11.3           | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS8       | 8:42  | 3.0      | Bottom  | 3          | 2         | 24.52           | 8.03 | 28.64         | 98.5  | 6.97     | 11.6           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 9:01  | 1.0      | Surface | 1          | 1         | 24.47           | 8.04 | 28.60         | 100.4 | 7.11     | 7.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 9:01  | 1.0      | Surface | 1          | 2         | 24.47           | 8.04 | 28.65         | 102.2 | 7.25     | 7.9            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 9:01  | 2.5      | Bottom  | 3          | 1         | 24.46           | 8.04 | 28.58         | 98.2  | 6.96     | 8.2            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 9:01  | 2.5      | Bottom  | 3          | 2         | 24.47           | 8.04 | 28.64         | 99.2  | 7.03     | 8.1            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 9:10  | 1.0      | Surface | 1          | 1         | 24.43           | 7.87 | 30.77         | 94.8  | 6.64     | 5.3            | 5.3      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 9:11  | 1.0      | Surface | 1          | 2         | 24.44           | 7.87 | 30.77         | 95.2  | 6.66     | 5.2            | 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 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 9:11  | 5.3      | Middle  | 2          | 1         | 24.45           | 7.87 | 30.78         | 93.7  | 6.57     | 5.6            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 9:10  | 5.3      | Middle  | 2          | 2         | 24.45           | 7.85 | 30.78         | 93.4  | 6.54     | 5.7            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 9:10  | 9.5      | Bottom  | 3          | 1         | 24.46           | 7.86 | 30.80         | 92.5  | 6.48     | 5.9            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | IS10(N)   | 9:10  | 9.5      | Bottom  | 3          | 2         | 24.45           | 7.87 | 30.78         | 92.8  | 6.50     | 5.8            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:38  | 1.0      | Surface | 1          | 1         | 24.54           | 8.06 | 28.96         | 93.4  | 6.60     | 7.3            | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:38  | 1.0      | Surface | 1          | 2         | 24.53           | 8.06 | 28.96         | 93.3  | 6.59     | 7.0            | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:38  | 2.9      | Bottom  | 3          | 1         | 24.54           | 8.06 | 28.96         | 93.3  | 6.59     | 7.1            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:38  | 2.9      | Bottom  | 3          | 2         | 24.53           | 8.06 | 28.96         | 93.4  | 6.60     | 7.2            | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:52  | 1.0      | Surface | 1          | 1         | 24.52           | 8.05 | 28.72         | 94.6  | 6.70     | 11.4           | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:51  | 1.0      | Surface | 1          | 2         | 24.52           | 8.05 | 28.70         | 95.0  | 6.72     | 11.0           | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:51  | 2.7      | Bottom  | 3          | 1         | 24.52           | 8.05 | 28.71         | 95.2  | 6.74     | 11.6           | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:52  | 2.7      | Bottom  | 3          | 2         | 24.52           | 8.05 | 28.72         | 94.7  | 6.70     | 11.5           | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 9:21  | 1.0      | Surface | 1          | 1         | 24.44           | 7.89 | 30.77         | 92.1  | 6.45     | 4.1            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 9:20  | 1.0      | Surface | 1          | 2         | 24.44           | 7.88 | 30.78         | 92.1  | 6.46     | 4.3            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 9:21  | 4.2      | Middle  | 2          | 1         | 24.45           | 7.88 | 30.77         | 91.9  | 6.44     | 4.5            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 9:20  | 4.2      | Middle  | 2          | 2         | 24.44           | 7.88 | 30.78         | 91.9  | 6.43     | 4.4            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 9:20  | 7.4      | Bottom  | 3          | 1         | 24.46           | 7.89 | 30.78         | 91.7  | 6.43     | 4.7            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR5(N)    | 9:21  | 7.4      | Bottom  | 3          | 2         | 24.45           | 7.88 | 30.78         | 91.8  | 6.43     | 4.8            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 8:00  | 1.0      | Surface | 1          | 1         | 24.75           | 7.77 | 32.59         | 84.3  | 5.81     | 2.3            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 8:01  | 1.0      | Surface | 1          | 2         | 24.76           | 7.78 | 32.58         | 84.3  | 5.81     | 2.2            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 8:00  | 7.0      | Middle  | 2          | 1         | 24.75           | 7.78 | 32.59         | 84.0  | 5.79     | 2.4            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 8:01  | 7.0      | Middle  | 2          | 2         | 24.75           | 7.78 | 32.58         | 84.0  | 5.79     | 2.5            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 8:00  | 12.9     | Bottom  | 3          | 1         | 24.75           | 7.79 | 32.59         | 83.9  | 5.78     | 2.7            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10A(N)  | 8:00  | 12.9     | Bottom  | 3          | 2         | 24.76           | 7.81 | 32.59         | 83.8  | 5.78     | 2.8            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:50  | 1.0      | Surface | 1          | 1         | 24.77           | 7.74 | 32.61         | 87.4  | 6.03     | 3.1            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:50  | 1.0      | Surface | 1          | 2         | 24.76           | 7.75 | 32.61         | 86.6  | 5.97     | 3.2            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:50  | 3.7      | Middle  | 2          | 1         | 24.76           | 7.75 | 32.61         | 85.2  | 5.87     | 3.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:50  | 3.7      | Middle  | 2          | 2         | 24.76           | 7.75 | 32.61         | 85.1  | 5.87     | 3.2            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:50  | 6.4      | Bottom  | 3          | 1         | 24.76           | 7.76 | 32.61         | 84.7  | 5.84     | 3.5            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:50  | 6.4      | Bottom  | 3          | 2         | 24.76           | 7.74 | 32.61         | 84.5  | 5.83     | 3.6            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 10:18 | 1.0      | Surface | 1          | 1         | 24.30           | 7.87 | 31.47         | 96.3  | 6.72     | 8.2            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 10:19 | 1.0      | Surface | 1          | 2         | 24.32           | 7.88 | 31.54         | 95.2  | 6.65     | 8.3            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 10:18 | 3.9      | Middle  | 2          | 1         | 24.34           | 7.87 | 31.63         | 94.8  | 6.63     | 8.4            | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 10:18 | 3.9      | Middle  | 2          | 2         | 24.37           | 7.88 | 31.80         | 94.1  | 6.56     | 8.4            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 10:18 | 6.7      | Bottom  | 3          | 1         | 24.36           | 7.91 | 31.73         | 94.0  | 6.55     | 8.6            | 15.9     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS2(A)    | 10:18 | 6.7      | Bottom  | 3          | 2         | 24.35           | 7.88 | 31.81         | 93.6  | 6.54     | 8.5            | 15.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 8:15  | 1.0      | Surface | 1          | 1         | 24.69           | 8.00 | 30.02         | 100.1 | 6.90     | 3.4            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 8:14  | 1.0      | Surface | 1          | 2         | 24.70           | 7.98 | 31.03         | 105.0 | 7.18     | 3.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 8:15  | 6.3      | Middle  | 2          | 1         | 24.86           | 7.99 | 30.60         | 95.0  | 6.59     | 3.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 8:14  | 6.3      | Middle  | 2          | 2         | 24.91           | 7.95 | 32.22         | 96.5  | 6.72     | 3.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 8:14  | 11.5     | Bottom  | 3          | 1         | 24.89           | 7.95 | 33.55         | 93.8  | 6.53     | 3.4            | 13.3     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 8:15  | 11.5     | Bottom  | 3          | 2         | 24.87           | 7.98 | 31.04         | 92.3  | 6.46     | 3.4            | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS5       | 15:02 | 1.0      | Surface | 1          | 1         | 24.47           | 8.08 | 29.16         | 93.5  | 6.61     | 11.1           | 16.6     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS5       | 15:01 | 1.0      | Surface | 1          | 2         | 24.47           | 8.07 | 29.13         | 93.7  | 6.62     | 10.9           | 15.6     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS5       | 15:01 | 4.2      | Middle  | 2          | 1         | 24.46           | 8.07 | 29.11         | 93.5  | 6.61     | 11.0           | 16.0     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS5       | 15:01 | 4.2      | Middle  | 2          | 2         | 24.46           | 8.07 | 29.16         | 93.3  | 6.60     | 11.3           | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS5       | 15:01 | 7.3      | Bottom  | 3          | 1         | 24.46           | 8.07 | 29.14         | 93.3  | 6.59     | 11.1           | 19.4     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS5       | 15:01 | 7.3      | Bottom  | 3          | 2         | 24.47           | 8.07 | 29.09         | 93.6  | 6.62     | 11.8           | 19.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)6   | 15:15 | 1.0      | Surface | 1          | 1         | 24.52           | 8.06 | 28.76         | 103.0 | 7.30     | 10.1           | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)6   | 15:14 | 1.0      | Surface | 1          | 2         | 24.53           | 8.05 | 28.67         | 99.3  | 7.03     | 10.3           | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)6   | 15:14 | 2.2      | Bottom  | 3          | 1         | 24.47           | 8.05 | 28.66         | 96.0  | 6.79     | 12.0           | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)6   | 15:15 | 2.2      | Bottom  | 3          | 2         | 24.53           | 8.05 | 28.74         | 98.0  | 6.93     | 12.4           | 10.5     |

## 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 | 2017-11-13        | Mid-Flood | Cloudy            | IS7       | 15:24 | 1.0      | Surface | 1          | 1         | 24.50           | 8.04 | 28.76         | 100.9 | 7.14     | 8.3            | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS7       | 15:24 | 1.0      | Surface | 1          | 2         | 24.52           | 8.05 | 28.83         | 103.8 | 7.35     | 8.0            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS7       | 15:24 | 2.3      | Bottom  | 3          | 1         | 24.50           | 8.04 | 28.83         | 96.9  | 6.85     | 8.1            | 15.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS7       | 15:24 | 2.3      | Bottom  | 3          | 2         | 24.45           | 8.05 | 28.76         | 94.9  | 6.71     | 8.5            | 15.5     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS8       | 15:56 | 1.0      | Surface | 1          | 1         | 24.65           | 8.09 | 28.45         | 94.1  | 6.66     | 15.8           | 20.4     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS8       | 15:55 | 1.0      | Surface | 1          | 2         | 24.65           | 8.09 | 28.45         | 94.4  | 6.68     | 15.0           | 21.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS8       | 15:55 | 2.8      | Bottom  | 3          | 1         | 24.65           | 8.09 | 28.56         | 94.3  | 6.67     | 17.7           | 22.3     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS8       | 15:55 | 2.8      | Bottom  | 3          | 2         | 24.67           | 8.09 | 28.59         | 94.8  | 6.69     | 17.2           | 23.8     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:34 | 1.0      | Surface | 1          | 1         | 24.57           | 8.07 | 28.91         | 95.0  | 6.71     | 13.7           | 20.3     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:34 | 1.0      | Surface | 1          | 2         | 24.57           | 8.06 | 28.88         | 97.5  | 6.89     | 14.0           | 20.4     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:34 | 2.4      | Bottom  | 3          | 1         | 24.56           | 8.06 | 28.86         | 99.1  | 7.01     | 15.2           | 27.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:34 | 2.4      | Bottom  | 3          | 2         | 24.57           | 8.07 | 28.90         | 96.0  | 6.78     | 15.0           | 28.0     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS10(N)   | 15:58 | 1.0      | Surface | 1          | 1         | 24.51           | 7.84 | 30.44         | 91.1  | 6.38     | 4.2            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS10(N)   | 15:57 | 1.0      | Surface | 1          | 2         | 24.52           | 7.83 | 30.42         | 90.9  | 6.37     | 4.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS10(N)   | 15:57 | 5.3      | Middle  | 2          | 1         | 24.51           | 7.84 | 30.57         | 90.8  | 6.36     | 4.3            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS10(N)   | 15:57 | 5.3      | Middle  | 2          | 2         | 24.51           | 7.84 | 30.58         | 90.9  | 6.36     | 4.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS10(N)   | 15:57 | 9.6      | Bottom  | 3          | 1         | 24.50           | 7.86 | 30.84         | 90.6  | 6.35     | 4.6            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | IS10(N)   | 15:57 | 9.6      | Bottom  | 3          | 2         | 24.51           | 7.84 | 30.65         | 90.7  | 6.36     | 4.5            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR3(N)    | 14:53 | 1.0      | Surface | 1          | 1         | 24.46           | 8.05 | 28.75         | 97.4  | 6.90     | 11.0           | 15.2     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR3(N)    | 14:53 | 1.0      | Surface | 1          | 2         | 24.46           | 8.06 | 28.89         | 95.3  | 6.75     | 11.2           | 14.6     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR3(N)    | 14:53 | 2.4      | Bottom  | 3          | 1         | 24.47           | 8.05 | 28.84         | 96.1  | 6.80     | 11.4           | 16.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR3(N)    | 14:53 | 2.4      | Bottom  | 3          | 2         | 24.47           | 8.06 | 28.67         | 99.2  | 7.03     | 11.5           | 16.3     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR4(N)    | 15:48 | 1.0      | Surface | 1          | 1         | 24.64           | 8.08 | 28.36         | 103.0 | 7.29     | 15.1           | 24.1     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR4(N)    | 15:48 | 1.0      | Surface | 1          | 2         | 24.64           | 8.08 | 28.34         | 100.7 | 7.13     | 15.5           | 23.5     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR4(N)    | 15:48 | 2.6      | Bottom  | 3          | 1         | 24.65           | 8.08 | 28.46         | 99.2  | 7.02     | 17.2           | 24.4     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR4(N)    | 15:48 | 2.6      | Bottom  | 3          | 2         | 24.64           | 8.08 | 28.47         | 97.5  | 6.90     | 17.7           | 25.8     |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR5(N)    | 15:46 | 1.0      | Surface | 1          | 1         | 24.52           | 7.82 | 30.40         | 95.8  | 6.71     | 5.1            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR5(N)    | 15:46 | 1.0      | Surface | 1          | 2         | 24.52           | 7.83 | 30.37         | 94.1  | 6.60     | 5.0            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR5(N)    | 15:46 | 4.3      | Middle  | 2          | 1         | 24.51           | 7.83 | 30.52         | 93.2  | 6.52     | 5.2            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR5(N)    | 15:46 | 4.3      | Middle  | 2          | 2         | 24.51           | 7.84 | 30.46         | 92.3  | 6.47     | 5.1            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR5(N)    | 15:46 | 7.5      | Bottom  | 3          | 1         | 24.51           | 7.83 | 30.65         | 91.8  | 6.44     | 5.5            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR5(N)    | 15:46 | 7.5      | Bottom  | 3          | 2         | 24.48           | 7.90 | 30.65         | 91.0  | 6.37     | 5.4            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10A(N)  | 16:59 | 1.0      | Surface | 1          | 1         | 24.59           | 7.85 | 31.82         | 93.1  | 6.45     | 4.3            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10A(N)  | 16:58 | 1.0      | Surface | 1          | 2         | 24.57           | 7.85 | 31.76         | 93.6  | 6.49     | 4.2            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10A(N)  | 16:58 | 7        | Middle  | 2          | 1         | 24.64           | 7.84 | 32.06         | 91.5  | 6.36     | 4.6            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10A(N)  | 16:58 | 7        | Middle  | 2          | 2         | 24.63           | 7.85 | 32.03         | 90.6  | 6.28     | 4.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10A(N)  | 16:58 | 12.9     | Bottom  | 3          | 1         | 24.60           | 7.84 | 32.09         | 88.7  | 6.16     | 4.7            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10A(N)  | 16:58 | 12.9     | Bottom  | 3          | 2         | 24.61           | 7.89 | 32.11         | 89.7  | 6.21     | 4.9            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10B(N2) | 17:10 | 1.0      | Surface | 1          | 1         | 24.60           | 7.85 | 31.87         | 88.3  | 6.11     | 3.1            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10B(N2) | 17:10 | 1.0      | Surface | 1          | 2         | 24.63           | 7.84 | 31.98         | 87.5  | 6.08     | 3.2            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10B(N2) | 17:10 | 3.8      | Middle  | 2          | 1         | 24.65           | 7.86 | 32.04         | 87.6  | 6.07     | 3.2            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10B(N2) | 17:10 | 3.8      | Middle  | 2          | 2         | 24.67           | 7.84 | 32.15         | 87.6  | 6.07     | 3.3            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10B(N2) | 17:10 | 6.5      | Bottom  | 3          | 1         | 24.64           | 7.84 | 32.18         | 87.0  | 6.03     | 3.6            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | SR10B(N2) | 17:10 | 6.5      | Bottom  | 3          | 2         | 24.68           | 7.87 | 32.29         | 87.0  | 6.02     | 3.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS2(A)    | 14:48 | 1.0      | Surface | 1          | 1         | 24.45           | 7.82 | 29.78         | 94.7  | 6.64     | 9.2            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS2(A)    | 14:48 | 1.0      | Surface | 1          | 2         | 24.44           | 7.83 | 29.77         | 93.4  | 6.58     | 9.2            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS2(A)    | 14:48 | 3.9      | Middle  | 2          | 1         | 24.42           | 7.85 | 29.82         | 91.7  | 6.42     | 9.3            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS2(A)    | 14:48 | 3.9      | Middle  | 2          | 2         | 24.42           | 7.84 | 29.93         | 92.6  | 6.52     | 9.4            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS2(A)    | 14:48 | 6.7      | Bottom  | 3          | 1         | 24.43           | 7.83 | 30.93         | 91.0  | 6.41     | 9.6            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS2(A)    | 14:47 | 6.7      | Bottom  | 3          | 2         | 24.41           | 7.92 | 30.81         | 91.6  | 6.45     | 9.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:22 | 1.0      | Surface | 1          | 1         | 24.83           | 8.08 | 28.63         | 91.2  | 6.43     | 5.4            | 6.3      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:22 | 1.0      | Surface | 1          | 2         | 24.83           | 8.07 | 28.55         | 93.1  | 6.56     | 5.0            | 5.1      |

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 | 2017-11-13        | Mid-Flood | Cloudy            | CS(Mf)5  | 16:21    | 6.3      | Middle  | 2          | 1         | 24.82           | 8.05 | 29.16         | 93.0  | 6.53     | 5.9            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS(Mf)5  | 16:22    | 6.3      | Middle  | 2          | 2         | 24.82           | 8.07 | 29.26         | 90.9  | 6.38     | 5.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS(Mf)5  | 16:21    | 11.5     | Bottom  | 3          | 1         | 24.84           | 8.05 | 29.16         | 94.6  | 6.64     | 7.8            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-13        | Mid-Flood | Cloudy            | CS(Mf)5  | 16:22    | 11.5     | Bottom  | 3          | 2         | 24.78           | 8.07 | 29.08         | 92.8  | 6.52     | 8.0            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS5      | 12:09:23 | 1.0      | Surface | 1          | 1         | 24.65           | 8.02 | 28.64         | 95.5  | 6.75     | 7.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS5      | 12:08:52 | 1.0      | Surface | 1          | 2         | 24.65           | 8.01 | 28.61         | 101.0 | 7.14     | 8.2            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS5      | 12:08:46 | 4.3      | Middle  | 2          | 1         | 24.65           | 8.01 | 28.64         | 99.1  | 7.00     | 8.2            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS5      | 12:09:15 | 4.3      | Middle  | 2          | 2         | 24.65           | 8.02 | 28.66         | 94.8  | 6.70     | 7.9            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS5      | 12:09:06 | 7.5      | Bottom  | 3          | 1         | 24.65           | 8.02 | 28.66         | 94.3  | 6.66     | 8.3            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS5      | 12:08:40 | 7.5      | Bottom  | 3          | 2         | 24.64           | 8.01 | 28.64         | 97.7  | 6.90     | 8.2            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)6  | 12:01:06 | 1.0      | Surface | 1          | 1         | 24.69           | 8.00 | 28.32         | 103.7 | 7.35     | 8.6            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)6  | 12:01:31 | 1.0      | Surface | 1          | 2         | 24.67           | 8.00 | 28.37         | 95.3  | 6.74     | 8.5            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)6  | 12:00:32 | 2.4      | Bottom  | 3          | 1         | 24.63           | 7.99 | 28.19         | 96.2  | 6.80     | 8.8            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)6  | 12:01:11 | 2.4      | Bottom  | 3          | 2         | 24.69           | 8.00 | 28.34         | 94.0  | 6.65     | 8.6            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS7      | 11:53:22 | 1.0      | Surface | 1          | 1         | 24.49           | 8.00 | 27.98         | 96.5  | 6.86     | 6.1            | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS7      | 11:52:36 | 1.0      | Surface | 1          | 2         | 24.50           | 7.99 | 27.96         | 101.6 | 7.23     | 6.6            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS7      | 11:52:43 | 2.5      | Bottom  | 3          | 1         | 24.51           | 7.99 | 28.02         | 95.1  | 6.76     | 6.4            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS7      | 11:52:16 | 2.5      | Bottom  | 3          | 2         | 24.46           | 7.99 | 27.96         | 97.4  | 6.93     | 6.8            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS8      | 11:26:16 | 1.0      | Surface | 1          | 1         | 24.56           | 8.00 | 28.01         | 96.9  | 6.88     | 16.2           | 16.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS8      | 11:25:04 | 1.0      | Surface | 1          | 2         | 24.56           | 7.99 | 27.90         | 101.9 | 7.24     | 16.1           | 16.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS8      | 11:24:49 | 2.8      | Bottom  | 3          | 1         | 24.55           | 8.00 | 27.87         | 97.8  | 6.95     | 16.4           | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS8      | 11:25:09 | 2.8      | Bottom  | 3          | 2         | 24.56           | 7.99 | 27.93         | 93.5  | 6.64     | 16.5           | 15.5     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:44:02 | 1.0      | Surface | 1          | 1         | 24.51           | 8.00 | 28.09         | 98.7  | 7.01     | 8.1            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:43:38 | 1.0      | Surface | 1          | 2         | 24.50           | 7.98 | 28.01         | 103.3 | 7.35     | 8.2            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:43:27 | 2.6      | Bottom  | 3          | 1         | 24.45           | 7.96 | 27.98         | 99.9  | 7.10     | 8.4            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS(Mf)9  | 11:43:43 | 2.6      | Bottom  | 3          | 2         | 24.51           | 7.98 | 28.04         | 96.3  | 6.84     | 8.3            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS10(N)  | 10:53:31 | 1.0      | Surface | 1          | 1         | 24.48           | 7.86 | 30.52         | 95.1  | 6.67     | 4.2            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS10(N)  | 10:53:06 | 1.0      | Surface | 1          | 2         | 24.49           | 7.89 | 30.52         | 95.7  | 6.71     | 4.3            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS10(N)  | 10:52:59 | 5.5      | Middle  | 2          | 1         | 24.49           | 7.92 | 30.62         | 92.2  | 6.46     | 4.4            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS10(N)  | 10:53:25 | 5.5      | Middle  | 2          | 2         | 24.49           | 7.86 | 30.67         | 94.1  | 6.60     | 4.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS10(N)  | 10:53:17 | 9.9      | Bottom  | 3          | 1         | 24.49           | 7.86 | 30.90         | 92.9  | 6.50     | 4.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | IS10(N)  | 10:52:49 | 9.9      | Bottom  | 3          | 2         | 24.46           | 7.98 | 30.80         | 91.8  | 6.43     | 4.6            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR3(N)   | 12:19:02 | 1.0      | Surface | 1          | 1         | 24.70           | 8.03 | 28.53         | 96.3  | 6.80     | 7.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR3(N)   | 12:18:35 | 1.0      | Surface | 1          | 2         | 24.69           | 8.02 | 28.47         | 102.7 | 7.26     | 7.7            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR3(N)   | 12:18:15 | 2.6      | Bottom  | 3          | 1         | 24.65           | 8.02 | 28.38         | 97.6  | 6.90     | 7.7            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR3(N)   | 12:18:43 | 2.6      | Bottom  | 3          | 2         | 24.69           | 8.02 | 28.52         | 94.5  | 6.67     | 7.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR4(N)   | 11:33:11 | 1.0      | Surface | 1          | 1         | 24.53           | 7.95 | 27.55         | 94.9  | 6.76     | 8.7            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR4(N)   | 11:32:57 | 1.0      | Surface | 1          | 2         | 24.53           | 7.95 | 27.49         | 102.3 | 7.29     | 8.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR4(N)   | 11:33:04 | 2.7      | Bottom  | 3          | 1         | 24.53           | 7.95 | 27.53         | 93.0  | 6.63     | 8.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR4(N)   | 11:32:46 | 2.7      | Bottom  | 3          | 2         | 24.53           | 7.96 | 27.55         | 97.4  | 6.94     | 8.6            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR5(N)   | 11:02:10 | 1.0      | Surface | 1          | 1         | 24.50           | 7.86 | 30.50         | 91.7  | 6.41     | 4.1            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR5(N)   | 11:02:31 | 1.0      | Surface | 1          | 2         | 24.49           | 7.86 | 30.51         | 91.6  | 6.42     | 4.2            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR5(N)   | 11:02:03 | 4.3      | Middle  | 2          | 1         | 24.49           | 7.87 | 30.61         | 91.2  | 6.40     | 4.4            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR5(N)   | 11:02:24 | 4.3      | Middle  | 2          | 2         | 24.49           | 7.86 | 30.66         | 91.5  | 6.41     | 4.5            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR5(N)   | 11:01:54 | 7.5      | Bottom  | 3          | 1         | 24.49           | 7.88 | 30.96         | 90.8  | 6.36     | 4.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR5(N)   | 11:02:18 | 7.5      | Bottom  | 3          | 2         | 24.50           | 7.86 | 30.74         | 90.8  | 6.36     | 4.7            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10A(N) | 9:53:29  | 1.0      | Surface | 1          | 1         | 24.64           | 7.71 | 32.36         | 83.4  | 5.77     | 2.3            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10A(N) | 9:53:55  | 1.0      | Surface | 1          | 2         | 24.64           | 7.71 | 32.35         | 83.6  | 5.79     | 2.2            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10A(N) | 9:53:22  | 7.1      | Middle  | 2          | 1         | 24.65           | 7.73 | 32.36         | 83.3  | 5.76     | 2.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10A(N) | 9:53:46  | 7.1      | Middle  | 2          | 2         | 24.65           | 7.71 | 32.35         | 83.4  | 5.77     | 2.5            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10A(N) | 9:53:40  | 13.1     | Bottom  | 3          | 1         | 24.64           | 7.71 | 32.35         | 83.1  | 5.75     | 2.7            | 13.1     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10A(N) | 9:53:13  | 13.1     | Bottom  | 3          | 2         | 24.65           | 7.75 | 32.37         | 83.0  | 5.74     | 2.8            | 12.1     |

## 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 | 2017-11-15        | Mid-Ebb   | Fine              | SR10B(N2) | 9:43:45  | 1.0      | Surface | 1          | 1         | 24.65           | 7.70 | 32.36         | 90.7  | 6.27     | 3.1            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10B(N2) | 9:44:03  | 1.0      | Surface | 1          | 2         | 24.65           | 7.68 | 32.35         | 90.9  | 6.23     | 3.2            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10B(N2) | 9:43:57  | 3.8      | Middle  | 2          | 1         | 24.65           | 7.68 | 32.36         | 88.8  | 6.14     | 3.4            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10B(N2) | 9:43:36  | 3.8      | Middle  | 2          | 2         | 24.65           | 7.73 | 32.37         | 87.3  | 6.04     | 3.3            | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10B(N2) | 9:43:28  | 6.6      | Bottom  | 3          | 1         | 24.65           | 7.81 | 32.37         | 86.5  | 5.98     | 3.5            | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | SR10B(N2) | 9:43:52  | 6.6      | Bottom  | 3          | 2         | 24.64           | 7.68 | 32.37         | 85.6  | 5.92     | 3.6            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS2(A)    | 11:53:03 | 1.0      | Surface | 1          | 1         | 24.46           | 7.94 | 31.58         | 96.6  | 6.73     | 8.2            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS2(A)    | 11:53:31 | 1.0      | Surface | 1          | 2         | 24.45           | 7.91 | 31.60         | 96.8  | 6.77     | 8.3            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS2(A)    | 11:52:54 | 4.0      | Middle  | 2          | 1         | 24.45           | 7.97 | 31.70         | 95.2  | 6.61     | 8.4            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS2(A)    | 11:53:20 | 4.0      | Middle  | 2          | 2         | 24.45           | 7.93 | 31.97         | 95.3  | 6.64     | 8.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS2(A)    | 11:53:11 | 7.0      | Bottom  | 3          | 1         | 24.45           | 7.93 | 32.16         | 94.3  | 6.56     | 8.7            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS2(A)    | 11:52:43 | 7.0      | Bottom  | 3          | 2         | 24.43           | 7.92 | 32.30         | 94.3  | 6.57     | 8.6            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 10:58:54 | 1.0      | Surface | 1          | 1         | 24.68           | 7.92 | 28.78         | 94.3  | 6.63     | 3.4            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 10:58:19 | 1.0      | Surface | 1          | 2         | 24.68           | 7.88 | 29.44         | 103.3 | 7.19     | 3.4            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 10:58:45 | 6.4      | Middle  | 2          | 1         | 24.71           | 7.90 | 29.01         | 93.1  | 6.55     | 3.5            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 10:58:12 | 6.4      | Middle  | 2          | 2         | 24.69           | 7.86 | 29.73         | 97.8  | 6.86     | 3.4            | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 10:57:52 | 11.7     | Bottom  | 3          | 1         | 24.73           | 7.76 | 31.01         | 96.6  | 6.79     | 3.6            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Ebb   | Fine              | CS(Mf)5   | 10:58:37 | 11.7     | Bottom  | 3          | 2         | 24.73           | 7.89 | 29.23         | 92.6  | 6.53     | 3.5            | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS5       | 16:04:44 | 1.0      | Surface | 1          | 1         | 24.65           | 8.06 | 28.11         | 99.5  | 7.05     | 13.8           | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS5       | 16:05:28 | 1.0      | Surface | 1          | 2         | 24.65           | 8.07 | 28.14         | 95.7  | 6.78     | 13.7           | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS5       | 16:05:08 | 4.4      | Middle  | 2          | 1         | 24.67           | 8.06 | 28.20         | 95.3  | 6.75     | 13.7           | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS5       | 16:04:35 | 4.4      | Middle  | 2          | 2         | 24.65           | 8.06 | 28.08         | 97.8  | 6.93     | 13.9           | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS5       | 16:04:58 | 7.7      | Bottom  | 3          | 1         | 24.68           | 8.06 | 28.19         | 95.1  | 6.74     | 13.5           | 16.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS5       | 16:04:25 | 7.7      | Bottom  | 3          | 2         | 24.65           | 8.06 | 28.02         | 97.0  | 6.87     | 13.9           | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)6   | 16:15:24 | 1.0      | Surface | 1          | 1         | 24.56           | 8.07 | 27.86         | 96.9  | 6.89     | 7.7            | 4.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)6   | 16:14:46 | 1.0      | Surface | 1          | 2         | 24.56           | 8.07 | 27.92         | 103.7 | 7.38     | 7.6            | 4.8      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)6   | 16:14:03 | 2.5      | Bottom  | 3          | 1         | 24.51           | 8.05 | 27.76         | 97.3  | 6.91     | 7.7            | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)6   | 16:14:52 | 2.5      | Bottom  | 3          | 2         | 24.56           | 8.07 | 27.92         | 96.7  | 6.88     | 7.7            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS7       | 16:26:12 | 1.0      | Surface | 1          | 1         | 24.62           | 8.05 | 27.69         | 94.0  | 6.68     | 11.3           | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS7       | 16:25:35 | 1.0      | Surface | 1          | 2         | 24.63           | 8.05 | 27.62         | 103.4 | 7.36     | 11.0           | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS7       | 16:25:11 | 2.7      | Bottom  | 3          | 1         | 24.58           | 8.05 | 27.55         | 96.9  | 6.89     | 11.2           | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS7       | 16:25:55 | 2.7      | Bottom  | 3          | 2         | 24.65           | 8.05 | 27.67         | 93.3  | 6.63     | 11.4           | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS8       | 16:55:06 | 1.0      | Surface | 1          | 1         | 24.75           | 8.09 | 27.62         | 102.7 | 7.29     | 11.0           | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS8       | 16:55:33 | 1.0      | Surface | 1          | 2         | 24.75           | 8.10 | 27.68         | 96.2  | 6.82     | 11.1           | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS8       | 16:55:16 | 2.8      | Bottom  | 3          | 1         | 24.75           | 8.10 | 27.65         | 94.3  | 6.69     | 11.2           | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS8       | 16:54:50 | 2.8      | Bottom  | 3          | 2         | 24.68           | 8.09 | 27.60         | 98.2  | 6.96     | 11.3           | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)9   | 16:34:51 | 1.0      | Surface | 1          | 1         | 24.63           | 8.07 | 27.72         | 95.8  | 6.81     | 14.7           | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)9   | 16:34:35 | 1.0      | Surface | 1          | 2         | 24.63           | 8.07 | 27.69         | 102.3 | 7.27     | 14.9           | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)9   | 16:34:42 | 2.8      | Bottom  | 3          | 1         | 24.62           | 8.07 | 27.70         | 95.1  | 6.75     | 15.0           | 14.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS(Mf)9   | 16:34:12 | 2.8      | Bottom  | 3          | 2         | 24.59           | 8.06 | 27.61         | 96.9  | 6.88     | 14.9           | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS10(N)   | 16:41:35 | 1.0      | Surface | 1          | 1         | 24.57           | 7.90 | 30.63         | 90.0  | 6.29     | 6.1            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS10(N)   | 16:41:56 | 1.0      | Surface | 1          | 2         | 24.57           | 7.89 | 30.62         | 90.8  | 6.35     | 6.2            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS10(N)   | 16:41:50 | 5.5      | Middle  | 2          | 1         | 24.57           | 7.89 | 30.68         | 89.9  | 6.28     | 6.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS10(N)   | 16:41:28 | 5.5      | Middle  | 2          | 2         | 24.57           | 7.91 | 30.69         | 89.8  | 6.28     | 6.2            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS10(N)   | 16:41:19 | 10.0     | Bottom  | 3          | 1         | 24.57           | 7.94 | 30.73         | 89.7  | 6.27     | 6.4            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | IS10(N)   | 16:41:42 | 10.0     | Bottom  | 3          | 2         | 24.57           | 7.89 | 30.70         | 89.8  | 6.28     | 6.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR3(N)    | 15:54:08 | 1.0      | Surface | 1          | 1         | 24.70           | 8.14 | 27.14         | 101.7 | 7.27     | 12.2           | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR3(N)    | 15:54:45 | 1.0      | Surface | 1          | 2         | 24.69           | 8.10 | 27.55         | 95.2  | 6.77     | 12.0           | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR3(N)    | 15:54:22 | 2.7      | Bottom  | 3          | 1         | 24.71           | 8.12 | 27.33         | 94.7  | 6.73     | 12.2           | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR3(N)    | 15:53:30 | 2.7      | Bottom  | 3          | 2         | 24.73           | 8.37 | 26.38         | 96.4  | 6.87     | 12.2           | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR4(N)    | 16:47:59 | 1.0      | Surface | 1          | 1         | 24.73           | 8.06 | 27.60         | 102.8 | 7.30     | 11.1           | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR4(N)    | 16:48:28 | 1.0      | Surface | 1          | 2         | 24.72           | 8.07 | 27.67         | 94.0  | 6.67     | 10.6           | 9.1      |

## 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 | 2017-11-15        | Mid-Flood | Fine              | SR4(N)    | 16:47:39 | 2.7      | Bottom  | 3          | 1         | 24.70           | 8.06 | 27.51         | 96.0  | 6.81     | 11.1           | 13.5     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR4(N)    | 16:48:09 | 2.7      | Bottom  | 3          | 2         | 24.75           | 8.06 | 27.66         | 92.1  | 6.54     | 10.7           | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR5(N)    | 16:31:58 | 1.0      | Surface | 1          | 1         | 24.57           | 7.89 | 30.60         | 95.8  | 6.68     | 5.2            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR5(N)    | 16:31:38 | 1.0      | Surface | 1          | 2         | 24.58           | 7.94 | 30.62         | 96.3  | 6.73     | 5.3            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR5(N)    | 16:31:30 | 4.4      | Middle  | 2          | 1         | 24.57           | 7.99 | 30.68         | 92.8  | 6.49     | 5.4            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR5(N)    | 16:31:53 | 4.4      | Middle  | 2          | 2         | 24.57           | 7.90 | 30.65         | 93.9  | 6.57     | 5.5            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR5(N)    | 16:31:46 | 7.7      | Bottom  | 3          | 1         | 24.57           | 7.92 | 30.68         | 91.9  | 6.43     | 5.7            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR5(N)    | 16:31:21 | 7.7      | Bottom  | 3          | 2         | 24.57           | 7.92 | 30.67         | 91.5  | 6.40     | 5.9            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10A(N)  | 17:45:01 | 1.0      | Surface | 1          | 1         | 24.64           | 7.80 | 32.16         | 89.4  | 6.19     | 3.2            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10A(N)  | 17:45:22 | 1.0      | Surface | 1          | 2         | 24.63           | 7.77 | 32.14         | 91.5  | 6.34     | 3.3            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10A(N)  | 17:45:14 | 7.1      | Middle  | 2          | 1         | 24.63           | 7.77 | 32.15         | 88.2  | 6.11     | 3.5            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10A(N)  | 17:44:56 | 7.1      | Middle  | 2          | 2         | 24.63           | 7.83 | 32.16         | 86.8  | 6.01     | 3.6            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10A(N)  | 17:45:09 | 13.2     | Bottom  | 3          | 1         | 24.64           | 7.77 | 32.15         | 86.2  | 5.97     | 3.7            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10A(N)  | 17:44:47 | 13.2     | Bottom  | 3          | 2         | 24.63           | 7.81 | 32.16         | 85.7  | 5.93     | 3.8            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10B(N2) | 17:55:57 | 1.0      | Surface | 1          | 1         | 24.64           | 7.79 | 32.13         | 84.4  | 5.85     | 3.3            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10B(N2) | 17:56:17 | 1.0      | Surface | 1          | 2         | 24.62           | 7.80 | 32.10         | 84.0  | 5.82     | 3.2            | 6.3      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10B(N2) | 17:55:50 | 3.9      | Middle  | 2          | 1         | 24.64           | 7.80 | 32.16         | 83.8  | 5.81     | 3.5            | 6.4      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10B(N2) | 17:56:11 | 3.9      | Middle  | 2          | 2         | 24.64           | 7.79 | 32.15         | 83.9  | 5.81     | 3.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10B(N2) | 17:55:43 | 6.8      | Bottom  | 3          | 1         | 24.64           | 7.82 | 32.19         | 83.7  | 5.80     | 3.6            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | SR10B(N2) | 17:56:04 | 6.8      | Bottom  | 3          | 2         | 24.64           | 7.79 | 32.17         | 83.8  | 5.81     | 3.5            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS2(A)    | 15:30:40 | 1.0      | Surface | 1          | 1         | 24.61           | 7.95 | 30.12         | 93.7  | 6.57     | 9.1            | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS2(A)    | 15:31:07 | 1.0      | Surface | 1          | 2         | 24.59           | 7.91 | 29.99         | 93.5  | 6.54     | 9.2            | 13.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS2(A)    | 15:30:32 | 4.0      | Middle  | 2          | 1         | 24.58           | 7.91 | 30.15         | 92.1  | 6.45     | 9.4            | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS2(A)    | 15:30:59 | 4.0      | Middle  | 2          | 2         | 24.58           | 7.92 | 30.10         | 92.6  | 6.49     | 9.5            | 13.3     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS2(A)    | 15:30:51 | 7.0      | Bottom  | 3          | 1         | 24.58           | 7.94 | 30.37         | 91.1  | 6.39     | 9.7            | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS2(A)    | 15:30:21 | 7.0      | Bottom  | 3          | 2         | 24.60           | 7.93 | 30.42         | 91.4  | 6.41     | 9.6            | 13.8     |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS(Mf)5   | 17:25:39 | 1.0      | Surface | 1          | 1         | 24.77           | 8.06 | 27.84         | 91.8  | 6.49     | 3.4            | 4.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS(Mf)5   | 17:25:07 | 1.0      | Surface | 1          | 2         | 24.78           | 8.06 | 27.76         | 99.8  | 7.07     | 3.3            | 3.1      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS(Mf)5   | 17:24:48 | 6.5      | Middle  | 2          | 1         | 24.78           | 8.05 | 27.89         | 93.5  | 6.62     | 3.5            | 3.5      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS(Mf)5   | 17:25:28 | 6.5      | Middle  | 2          | 2         | 24.78           | 8.05 | 28.06         | 90.8  | 6.42     | 3.6            | 3.9      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS(Mf)5   | 17:24:25 | 11.9     | Bottom  | 3          | 1         | 24.77           | 8.05 | 27.87         | 92.5  | 6.55     | 3.5            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-15        | Mid-Flood | Fine              | CS(Mf)5   | 17:25:18 | 11.9     | Bottom  | 3          | 2         | 24.79           | 8.05 | 28.11         | 90.6  | 6.42     | 3.6            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS5       | 12:49:20 | 1.0      | Surface | 1          | 1         | 24.94           | 8.04 | 28.96         | 98.8  | 6.93     | 9.2            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS5       | 12:50:33 | 1.0      | Surface | 1          | 2         | 24.95           | 8.05 | 28.98         | 96.5  | 6.77     | 9.6            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS5       | 12:49:05 | 4.4      | Middle  | 2          | 1         | 24.92           | 8.03 | 29.00         | 97.5  | 6.84     | 9.8            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS5       | 12:49:48 | 4.4      | Middle  | 2          | 2         | 24.90           | 8.04 | 29.02         | 96.2  | 6.76     | 9.6            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS5       | 12:48:51 | 7.7      | Bottom  | 3          | 1         | 24.92           | 8.03 | 29.02         | 97.0  | 6.81     | 9.9            | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS5       | 12:49:38 | 7.7      | Bottom  | 3          | 2         | 24.89           | 8.04 | 29.03         | 96.1  | 6.75     | 9.8            | 15.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:40:24 | 1.0      | Surface | 1          | 1         | 24.81           | 8.01 | 28.79         | 95.5  | 6.73     | 7.3            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:40:05 | 1.0      | Surface | 1          | 2         | 24.81           | 8.01 | 28.74         | 98.0  | 6.91     | 7.1            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:40:12 | 2.4      | Bottom  | 3          | 1         | 24.78           | 8.01 | 28.77         | 94.7  | 6.66     | 7.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)6   | 12:39:45 | 2.4      | Bottom  | 3          | 2         | 24.75           | 8.00 | 28.70         | 96.1  | 6.77     | 7.4            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS7       | 12:31:03 | 1.0      | Surface | 1          | 1         | 25.03           | 8.01 | 28.53         | 99.6  | 7.00     | 7.3            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS7       | 12:31:35 | 1.0      | Surface | 1          | 2         | 25.06           | 8.02 | 28.56         | 98.8  | 6.94     | 7.7            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS7       | 12:30:52 | 2.4      | Bottom  | 3          | 1         | 24.98           | 8.01 | 28.52         | 99.4  | 6.98     | 7.7            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS7       | 12:31:13 | 2.4      | Bottom  | 3          | 2         | 24.83           | 8.01 | 28.64         | 98.5  | 6.94     | 7.7            | 14.3     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS8       | 12:02:07 | 1.0      | Surface | 1          | 1         | 24.96           | 8.01 | 27.18         | 98.6  | 7.02     | 6.7            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS8       | 12:02:24 | 1.0      | Surface | 1          | 2         | 24.97           | 8.01 | 27.43         | 97.1  | 6.87     | 6.6            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS8       | 12:01:53 | 2.6      | Bottom  | 3          | 1         | 24.72           | 8.02 | 26.98         | 97.4  | 6.90     | 7.0            | 14.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS8       | 12:02:14 | 2.6      | Bottom  | 3          | 2         | 24.98           | 8.01 | 27.30         | 96.7  | 6.84     | 6.7            | 15.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:21:39 | 1.0      | Surface | 1          | 1         | 24.85           | 7.99 | 28.36         | 98.6  | 6.97     | 9.5            | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:21:54 | 1.0      | Surface | 1          | 2         | 24.93           | 8.00 | 28.38         | 96.6  | 6.81     | 9.2            | 13.2     |

## 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 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:21:28 | 2.5      | Bottom  | 3          | 1         | 24.70           | 7.99 | 28.38         | 97.1  | 6.85     | 9.7            | 17.1     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS(Mf)9   | 12:21:44 | 2.5      | Bottom  | 3          | 2         | 24.90           | 8.00 | 28.36         | 96.3  | 6.78     | 9.5            | 16.5     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS10(N)   | 11:56:31 | 1.0      | Surface | 1          | 1         | 25.09           | 8.03 | 29.96         | 92.6  | 6.45     | 4.9            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS10(N)   | 11:56:56 | 1.0      | Surface | 1          | 2         | 25.01           | 7.99 | 30.01         | 92.4  | 6.46     | 5.1            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS10(N)   | 11:56:24 | 5.4      | Middle  | 2          | 1         | 24.97           | 8.05 | 30.09         | 92.4  | 6.44     | 5.2            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS10(N)   | 11:56:46 | 5.4      | Middle  | 2          | 2         | 24.71           | 8.00 | 30.38         | 92.3  | 6.45     | 5.3            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS10(N)   | 11:56:13 | 9.7      | Bottom  | 3          | 1         | 24.64           | 8.09 | 30.57         | 92.2  | 6.42     | 5.4            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | IS10(N)   | 11:56:39 | 9.7      | Bottom  | 3          | 2         | 24.84           | 8.01 | 30.38         | 92.2  | 6.42     | 5.5            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR3(N)    | 13:01:12 | 1.0      | Surface | 1          | 1         | 25.10           | 8.01 | 28.63         | 98.8  | 6.96     | 7.0            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR3(N)    | 13:01:26 | 1.0      | Surface | 1          | 2         | 24.98           | 8.02 | 28.70         | 96.7  | 6.79     | 7.4            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR3(N)    | 13:01:19 | 2.4      | Bottom  | 3          | 1         | 25.00           | 8.01 | 28.69         | 96.4  | 6.77     | 7.4            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR3(N)    | 13:00:54 | 2.4      | Bottom  | 3          | 2         | 24.77           | 8.01 | 28.80         | 97.3  | 6.82     | 7.2            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR4(N)    | 12:09:11 | 1.0      | Surface | 1          | 1         | 25.20           | 7.99 | 27.83         | 96.0  | 6.75     | 6.3            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR4(N)    | 12:08:53 | 1.0      | Surface | 1          | 2         | 25.17           | 7.99 | 27.66         | 98.9  | 6.97     | 6.4            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR4(N)    | 12:09:01 | 2.7      | Bottom  | 3          | 1         | 25.17           | 7.99 | 27.79         | 95.1  | 6.69     | 6.3            | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR4(N)    | 12:08:45 | 2.7      | Bottom  | 3          | 2         | 25.14           | 8.00 | 27.61         | 97.3  | 6.85     | 6.4            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR5(N)    | 12:06:30 | 1.0      | Surface | 1          | 1         | 25.06           | 7.96 | 29.97         | 92.1  | 6.41     | 2.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR5(N)    | 12:06:57 | 1.0      | Surface | 1          | 2         | 25.03           | 7.95 | 29.97         | 92.0  | 6.41     | 2.1            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR5(N)    | 12:06:49 | 4.3      | Middle  | 2          | 1         | 24.86           | 7.95 | 30.14         | 92.0  | 6.41     | 2.3            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR5(N)    | 12:06:22 | 4.3      | Middle  | 2          | 2         | 24.87           | 7.97 | 30.19         | 91.7  | 6.41     | 2.4            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR5(N)    | 12:06:13 | 7.5      | Bottom  | 3          | 1         | 24.62           | 7.97 | 30.61         | 91.6  | 6.40     | 2.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR5(N)    | 12:06:38 | 7.5      | Bottom  | 3          | 2         | 24.89           | 7.95 | 30.23         | 91.7  | 6.40     | 2.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10A(N)  | 10:56:57 | 1.0      | Surface | 1          | 1         | 24.67           | 7.78 | 32.34         | 85.7  | 5.93     | 3.1            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10A(N)  | 10:56:26 | 1.0      | Surface | 1          | 2         | 24.72           | 7.80 | 32.30         | 85.6  | 5.91     | 3.0            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10A(N)  | 10:56:50 | 7.0      | Middle  | 2          | 1         | 24.64           | 7.77 | 32.35         | 85.3  | 5.90     | 3.2            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10A(N)  | 10:56:20 | 7.0      | Middle  | 2          | 2         | 24.70           | 7.82 | 32.32         | 84.6  | 5.85     | 3.1            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10A(N)  | 10:56:40 | 13.0     | Bottom  | 3          | 1         | 24.65           | 7.78 | 32.34         | 84.3  | 5.83     | 3.3            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10A(N)  | 10:56:11 | 13.0     | Bottom  | 3          | 2         | 24.68           | 7.84 | 32.34         | 84.1  | 5.82     | 3.2            | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:46:38 | 1.0      | Surface | 1          | 1         | 24.70           | 7.81 | 32.30         | 91.5  | 6.31     | 3.3            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:46:14 | 1.0      | Surface | 1          | 2         | 24.67           | 7.84 | 32.31         | 91.8  | 6.35     | 3.2            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:46:05 | 3.9      | Middle  | 2          | 1         | 24.68           | 7.86 | 32.33         | 88.8  | 6.14     | 3.3            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:46:31 | 3.9      | Middle  | 2          | 2         | 24.68           | 7.81 | 32.32         | 90.8  | 6.28     | 3.4            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:46:21 | 6.7      | Bottom  | 3          | 1         | 24.68           | 7.82 | 32.31         | 88.3  | 6.10     | 3.6            | 14.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | SR10B(N2) | 10:45:47 | 6.7      | Bottom  | 3          | 2         | 24.69           | 7.84 | 32.29         | 87.7  | 6.06     | 3.5            | 15.2     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS2(A)    | 12:58:59 | 1.0      | Surface | 1          | 1         | 25.01           | 7.91 | 31.62         | 95.7  | 6.62     | 7.2            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS2(A)    | 12:59:27 | 1.0      | Surface | 1          | 2         | 25.09           | 7.90 | 31.52         | 96.1  | 6.63     | 7.3            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS2(A)    | 12:58:50 | 4.0      | Middle  | 2          | 1         | 24.58           | 7.92 | 32.08         | 95.1  | 6.56     | 7.5            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS2(A)    | 12:59:19 | 4.0      | Middle  | 2          | 2         | 24.74           | 7.90 | 31.88         | 95.4  | 6.61     | 7.4            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS2(A)    | 12:58:41 | 6.9      | Bottom  | 3          | 1         | 24.46           | 7.91 | 32.21         | 93.9  | 6.51     | 7.8            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS2(A)    | 12:59:09 | 6.9      | Bottom  | 3          | 2         | 24.71           | 7.90 | 31.96         | 94.1  | 6.54     | 7.7            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:29:04 | 1.0      | Surface | 1          | 1         | 25.06           | 7.99 | 28.48         | 93.4  | 6.56     | 4.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:28:25 | 1.0      | Surface | 1          | 2         | 25.05           | 7.96 | 28.40         | 96.2  | 6.77     | 4.5            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:28:12 | 6.3      | Middle  | 2          | 1         | 24.87           | 7.93 | 28.75         | 94.6  | 6.66     | 4.5            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:28:47 | 6.3      | Middle  | 2          | 2         | 24.81           | 7.96 | 29.05         | 92.9  | 6.52     | 4.7            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:28:03 | 11.6     | Bottom  | 3          | 1         | 24.81           | 7.91 | 28.84         | 94.2  | 6.62     | 4.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Ebb   | Sunny             | CS(Mf)5   | 11:28:37 | 11.6     | Bottom  | 3          | 2         | 24.86           | 7.96 | 28.99         | 92.4  | 6.49     | 4.8            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | ISS       | 16:46:04 | 1.0      | Surface | 1          | 1         | 25.50           | 8.09 | 27.83         | 102.7 | 7.18     | 6.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | ISS       | 16:45:21 | 1.0      | Surface | 1          | 2         | 25.36           | 8.08 | 27.83         | 101.0 | 7.08     | 6.4            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | ISS       | 16:45:54 | 4.4      | Middle  | 2          | 1         | 25.50           | 8.09 | 27.86         | 102.0 | 7.13     | 6.2            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | ISS       | 16:44:55 | 4.4      | Middle  | 2          | 2         | 25.35           | 8.07 | 27.84         | 101.0 | 7.09     | 6.4            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | ISS       | 16:44:39 | 7.8      | Bottom  | 3          | 1         | 25.32           | 8.07 | 27.78         | 100.8 | 7.07     | 6.6            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | ISS       | 16:45:41 | 7.8      | Bottom  | 3          | 2         | 25.42           | 8.08 | 27.90         | 101.1 | 7.08     | 6.6            | 9.0      |



## 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 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)6   | 16:54:48 | 1.0      | Surface | 1          | 1         | 25.13           | 8.05 | 27.68         | 99.9  | 7.04     | 8.2            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)6   | 16:55:11 | 1.0      | Surface | 1          | 2         | 25.13           | 8.05 | 27.66         | 96.3  | 6.78     | 8.5            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)6   | 16:54:54 | 2.5      | Bottom  | 3          | 1         | 25.12           | 8.05 | 27.74         | 95.9  | 6.76     | 8.9            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)6   | 16:54:21 | 2.5      | Bottom  | 3          | 2         | 25.09           | 8.04 | 27.73         | 96.8  | 6.82     | 8.6            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS7       | 17:05:42 | 1.0      | Surface | 1          | 1         | 25.23           | 8.06 | 27.95         | 99.8  | 7.01     | 8.4            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS7       | 17:05:29 | 1.0      | Surface | 1          | 2         | 25.22           | 8.05 | 27.93         | 102.4 | 7.20     | 8.3            | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS7       | 17:04:41 | 2.6      | Bottom  | 3          | 1         | 25.17           | 8.07 | 27.90         | 99.9  | 7.02     | 8.5            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS7       | 17:05:34 | 2.6      | Bottom  | 3          | 2         | 25.23           | 8.06 | 27.95         | 99.6  | 6.99     | 8.6            | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS8       | 17:36:15 | 1.0      | Surface | 1          | 1         | 24.95           | 8.07 | 28.00         | 97.8  | 6.90     | 16.3           | 20.5     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS8       | 17:36:38 | 1.0      | Surface | 1          | 2         | 24.94           | 8.08 | 28.02         | 95.4  | 6.73     | 16.1           | 21.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS8       | 17:36:25 | 2.7      | Bottom  | 3          | 1         | 24.95           | 8.08 | 28.03         | 94.9  | 6.70     | 16.3           | 22.0     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS8       | 17:36:02 | 2.7      | Bottom  | 3          | 2         | 24.95           | 8.07 | 28.01         | 96.2  | 6.79     | 16.3           | 22.0     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)9   | 17:16:31 | 1.0      | Surface | 1          | 1         | 25.09           | 8.05 | 28.14         | 97.7  | 6.87     | 10.9           | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)9   | 17:16:01 | 1.0      | Surface | 1          | 2         | 25.08           | 8.04 | 28.12         | 98.9  | 6.96     | 10.8           | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)9   | 17:15:36 | 2.6      | Bottom  | 3          | 1         | 25.03           | 8.02 | 28.14         | 98.2  | 6.90     | 10.8           | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS(MF)9   | 17:16:11 | 2.6      | Bottom  | 3          | 2         | 25.04           | 8.04 | 28.19         | 97.7  | 6.87     | 10.9           | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS10(N)   | 17:30:43 | 1.0      | Surface | 1          | 1         | 25.02           | 7.81 | 29.40         | 91.0  | 6.36     | 7.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS10(N)   | 17:31:08 | 1.0      | Surface | 1          | 2         | 25.02           | 7.82 | 29.42         | 91.4  | 6.38     | 7.1            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS10(N)   | 17:30:35 | 5.4      | Middle  | 2          | 1         | 24.98           | 7.83 | 29.52         | 90.9  | 6.36     | 7.4            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS10(N)   | 17:31:00 | 5.4      | Middle  | 2          | 2         | 24.95           | 7.83 | 29.58         | 91.0  | 6.36     | 7.5            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS10(N)   | 17:30:25 | 9.8      | Bottom  | 3          | 1         | 24.86           | 7.88 | 30.04         | 90.6  | 6.33     | 7.9            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | IS10(N)   | 17:30:52 | 9.8      | Bottom  | 3          | 2         | 24.96           | 7.82 | 29.69         | 90.8  | 6.35     | 7.8            | 13.3     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR3(N)    | 16:35:54 | 1.0      | Surface | 1          | 1         | 25.25           | 8.12 | 26.83         | 98.8  | 6.99     | 9.6            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR3(N)    | 16:35:32 | 1.0      | Surface | 1          | 2         | 25.25           | 8.14 | 26.55         | 99.4  | 7.04     | 9.6            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR3(N)    | 16:35:11 | 2.5      | Bottom  | 3          | 1         | 25.24           | 8.17 | 26.26         | 98.9  | 7.00     | 9.8            | 20.5     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR3(N)    | 16:35:38 | 2.5      | Bottom  | 3          | 2         | 25.24           | 8.13 | 26.66         | 98.6  | 6.96     | 9.8            | 19.6     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR4(N)    | 17:28:33 | 1.0      | Surface | 1          | 1         | 24.82           | 8.05 | 27.84         | 97.1  | 6.88     | 18.3           | 24.5     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR4(N)    | 17:28:47 | 1.0      | Surface | 1          | 2         | 24.82           | 8.06 | 27.91         | 92.8  | 6.56     | 18.5           | 25.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR4(N)    | 17:28:06 | 2.9      | Bottom  | 3          | 1         | 24.83           | 8.05 | 27.77         | 93.6  | 6.62     | 18.6           | 27.2     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR4(N)    | 17:28:40 | 2.9      | Bottom  | 3          | 2         | 24.82           | 8.05 | 27.89         | 92.4  | 6.54     | 18.5           | 26.8     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR5(N)    | 17:21:01 | 1.0      | Surface | 1          | 1         | 25.02           | 7.80 | 29.40         | 94.1  | 6.56     | 7.3            | 3.9      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR5(N)    | 17:20:34 | 1.0      | Surface | 1          | 2         | 25.00           | 7.83 | 29.46         | 93.8  | 6.56     | 7.2            | 3.2      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR5(N)    | 17:20:53 | 4.3      | Middle  | 2          | 1         | 24.95           | 7.82 | 29.62         | 92.8  | 6.49     | 7.5            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR5(N)    | 17:20:27 | 4.3      | Middle  | 2          | 2         | 24.94           | 7.87 | 29.63         | 92.0  | 6.42     | 7.4            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR5(N)    | 17:20:16 | 7.6      | Bottom  | 3          | 1         | 24.89           | 7.89 | 29.88         | 91.7  | 6.41     | 7.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR5(N)    | 17:20:44 | 7.6      | Bottom  | 3          | 2         | 24.89           | 7.84 | 30.05         | 91.4  | 6.39     | 7.8            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10A(N)  | 18:30:10 | 1.0      | Surface | 1          | 1         | 24.75           | 7.79 | 32.12         | 90.5  | 6.27     | 3.1            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10A(N)  | 18:29:43 | 1.0      | Surface | 1          | 2         | 24.75           | 7.79 | 32.13         | 90.4  | 6.25     | 3.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10A(N)  | 18:29:35 | 7.1      | Middle  | 2          | 1         | 24.75           | 7.81 | 32.14         | 87.5  | 6.05     | 3.2            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10A(N)  | 18:30:02 | 7.1      | Middle  | 2          | 2         | 24.75           | 7.78 | 32.14         | 88.9  | 6.15     | 3.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10A(N)  | 18:29:52 | 13.1     | Bottom  | 3          | 1         | 24.75           | 7.78 | 32.14         | 86.6  | 5.99     | 3.5            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10A(N)  | 18:29:26 | 13.1     | Bottom  | 3          | 2         | 24.74           | 7.88 | 32.14         | 86.0  | 5.95     | 3.6            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10B(N2) | 18:40:30 | 1.0      | Surface | 1          | 1         | 24.76           | 7.81 | 32.12         | 85.4  | 5.90     | 2.3            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10B(N2) | 18:40:53 | 1.0      | Surface | 1          | 2         | 24.76           | 7.81 | 32.09         | 85.3  | 5.90     | 2.2            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10B(N2) | 18:40:45 | 3.9      | Middle  | 2          | 1         | 24.75           | 7.81 | 32.14         | 85.2  | 5.89     | 2.4            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10B(N2) | 18:40:23 | 3.9      | Middle  | 2          | 2         | 24.75           | 7.81 | 32.14         | 85.1  | 5.89     | 2.4            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10B(N2) | 18:40:13 | 6.8      | Bottom  | 3          | 1         | 24.75           | 7.83 | 32.14         | 84.7  | 5.85     | 2.7            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | SR10B(N2) | 18:40:38 | 6.8      | Bottom  | 3          | 2         | 24.76           | 7.81 | 32.13         | 84.8  | 5.86     | 2.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS2(A)    | 16:21:27 | 1.0      | Surface | 1          | 1         | 24.90           | 7.86 | 30.30         | 92.7  | 6.46     | 8.2            | 18.8     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS2(A)    | 16:21:03 | 1.0      | Surface | 1          | 2         | 24.93           | 7.90 | 30.26         | 92.9  | 6.47     | 8.3            | 18.4     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS2(A)    | 16:21:20 | 4.1      | Middle  | 2          | 1         | 24.84           | 7.87 | 30.46         | 92.1  | 6.42     | 8.4            | 19.2     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS2(A)    | 16:20:56 | 4.1      | Middle  | 2          | 2         | 24.78           | 7.95 | 30.59         | 91.8  | 6.40     | 8.5            | 19.3     |

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 | 2017-11-17        | Mid-Flood | Sunny             | CS2(A)   | 16:20:43 | 7.1      | Bottom  | 3          | 1         | 24.69           | 7.89 | 31.10         | 91.4  | 6.37     | 8.8            | 18.7     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS2(A)   | 16:21:13 | 7.1      | Bottom  | 3          | 2         | 24.89           | 7.87 | 30.37         | 91.2  | 6.36     | 8.7            | 18.9     |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS(Mf)5  | 18:04:42 | 1.0      | Surface | 1          | 1         | 25.09           | 8.05 | 27.81         | 93.8  | 6.61     | 4.3            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS(Mf)5  | 18:04:11 | 1.0      | Surface | 1          | 2         | 25.12           | 8.05 | 27.71         | 96.4  | 6.80     | 4.4            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS(Mf)5  | 18:04:31 | 6.5      | Middle  | 2          | 1         | 24.88           | 8.04 | 28.26         | 93.2  | 6.57     | 4.4            | 5.3      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS(Mf)5  | 18:03:56 | 6.5      | Middle  | 2          | 2         | 24.93           | 8.04 | 28.02         | 94.3  | 6.64     | 4.6            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS(Mf)5  | 18:04:22 | 11.9     | Bottom  | 3          | 1         | 24.94           | 8.04 | 28.25         | 92.8  | 6.54     | 4.5            | 4.5      |
| HKLR    | HY/2011/03 | 2017-11-17        | Mid-Flood | Sunny             | CS(Mf)5  | 18:03:37 | 11.9     | Bottom  | 3          | 2         | 24.85           | 8.02 | 28.20         | 93.8  | 6.62     | 4.6            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS5      | 13:03:49 | 1.0      | Surface | 1          | 1         | 23.78           | 8.03 | 28.53         | 91.7  | 6.58     | 7.1            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS5      | 13:03:08 | 1.0      | Surface | 1          | 2         | 23.78           | 8.02 | 28.48         | 96.7  | 6.94     | 7.1            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS5      | 13:03:29 | 4.1      | Middle  | 2          | 1         | 23.79           | 8.03 | 28.52         | 91.0  | 6.53     | 7.4            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS5      | 13:02:57 | 4.1      | Middle  | 2          | 2         | 23.78           | 8.02 | 28.46         | 94.3  | 6.77     | 7.3            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS5      | 13:03:18 | 7.2      | Bottom  | 3          | 1         | 23.79           | 8.03 | 28.50         | 90.4  | 6.49     | 7.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS5      | 13:02:47 | 7.2      | Bottom  | 3          | 2         | 23.78           | 8.02 | 28.43         | 92.9  | 6.67     | 7.3            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)6  | 13:12:15 | 1.0      | Surface | 1          | 1         | 23.63           | 8.03 | 28.14         | 94.9  | 6.84     | 7.6            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)6  | 13:11:53 | 1.0      | Surface | 1          | 2         | 23.62           | 8.02 | 28.04         | 101.3 | 7.32     | 7.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)6  | 13:11:40 | 2.2      | Bottom  | 3          | 1         | 23.60           | 8.02 | 27.96         | 97.1  | 7.01     | 8.1            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)6  | 13:12:03 | 2.2      | Bottom  | 3          | 2         | 23.63           | 8.02 | 28.10         | 93.4  | 6.74     | 8.1            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS7      | 13:20:06 | 1.0      | Surface | 1          | 1         | 23.68           | 8.02 | 28.04         | 105.3 | 7.60     | 7.0            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS7      | 13:20:24 | 1.0      | Surface | 1          | 2         | 23.68           | 8.02 | 28.13         | 98.6  | 7.10     | 6.9            | 6.3      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS7      | 13:20:14 | 2.2      | Bottom  | 3          | 1         | 23.69           | 8.02 | 28.09         | 96.5  | 6.96     | 6.8            | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS7      | 13:19:56 | 2.2      | Bottom  | 3          | 2         | 23.66           | 8.02 | 27.97         | 101.2 | 7.30     | 7.1            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS8      | 13:47:15 | 1.0      | Surface | 1          | 1         | 23.86           | 8.01 | 28.14         | 95.8  | 6.88     | 10.8           | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS8      | 13:46:57 | 1.0      | Surface | 1          | 2         | 23.87           | 8.01 | 28.06         | 100.7 | 7.23     | 10.8           | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS8      | 13:46:47 | 2.8      | Bottom  | 3          | 1         | 23.91           | 8.00 | 28.01         | 97.2  | 6.99     | 10.8           | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS8      | 13:47:03 | 2.8      | Bottom  | 3          | 2         | 23.86           | 8.01 | 28.09         | 93.9  | 6.75     | 10.9           | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)9  | 13:28:47 | 1.0      | Surface | 1          | 1         | 23.80           | 8.02 | 28.45         | 98.4  | 7.07     | 6.1            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)9  | 13:29:05 | 1.0      | Surface | 1          | 2         | 23.82           | 8.03 | 28.51         | 94.7  | 6.80     | 6.0            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)9  | 13:28:55 | 2.6      | Bottom  | 3          | 1         | 23.81           | 8.02 | 28.48         | 93.6  | 6.71     | 6.0            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS(Mf)9  | 13:28:38 | 2.6      | Bottom  | 3          | 2         | 23.76           | 8.02 | 28.41         | 96.2  | 6.91     | 5.9            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS10(N)  | 13:38:49 | 1.0      | Surface | 1          | 1         | 24.05           | 7.91 | 31.28         | 90.7  | 6.38     | 4.3            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS10(N)  | 13:38:31 | 1.0      | Surface | 1          | 2         | 24.05           | 7.91 | 31.28         | 90.1  | 6.34     | 4.2            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS10(N)  | 13:38:24 | 5.4      | Middle  | 2          | 1         | 24.06           | 7.91 | 31.29         | 89.8  | 6.31     | 4.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS10(N)  | 13:38:43 | 5.4      | Middle  | 2          | 2         | 24.07           | 7.91 | 31.30         | 89.9  | 6.32     | 4.5            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS10(N)  | 13:38:38 | 9.7      | Bottom  | 3          | 1         | 24.06           | 7.91 | 31.32         | 89.6  | 6.30     | 4.7            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | IS10(N)  | 13:38:15 | 9.7      | Bottom  | 3          | 2         | 24.04           | 7.91 | 31.31         | 89.4  | 6.29     | 4.8            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR3(N)   | 12:55:04 | 1.0      | Surface | 1          | 1         | 23.70           | 8.05 | 27.81         | 96.2  | 6.95     | 6.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR3(N)   | 12:54:43 | 1.0      | Surface | 1          | 2         | 23.70           | 8.06 | 27.56         | 106.1 | 7.69     | 6.4            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR3(N)   | 12:54:53 | 2.5      | Bottom  | 3          | 1         | 23.68           | 8.05 | 27.68         | 94.5  | 6.82     | 6.6            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR3(N)   | 12:54:25 | 2.5      | Bottom  | 3          | 2         | 23.65           | 8.11 | 27.23         | 98.8  | 7.14     | 6.5            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR4(N)   | 13:40:07 | 1.0      | Surface | 1          | 1         | 23.78           | 7.99 | 28.16         | 96.5  | 6.92     | 6.7            | 6.3      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR4(N)   | 13:39:48 | 1.0      | Surface | 1          | 2         | 23.81           | 7.99 | 28.10         | 104.6 | 7.51     | 6.8            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR4(N)   | 13:39:41 | 2.6      | Bottom  | 3          | 1         | 23.84           | 7.99 | 28.15         | 100.7 | 7.24     | 6.9            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR4(N)   | 13:39:58 | 2.6      | Bottom  | 3          | 2         | 23.86           | 7.99 | 28.26         | 93.9  | 6.75     | 6.9            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR5(N)   | 13:28:24 | 1.0      | Surface | 1          | 1         | 24.03           | 7.90 | 31.28         | 96.3  | 6.77     | 4.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR5(N)   | 13:28:47 | 1.0      | Surface | 1          | 2         | 24.03           | 7.91 | 31.28         | 95.8  | 6.71     | 4.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR5(N)   | 13:28:38 | 4.3      | Middle  | 2          | 1         | 24.04           | 7.90 | 31.28         | 94.7  | 6.66     | 4.6            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR5(N)   | 13:28:15 | 4.3      | Middle  | 2          | 2         | 24.02           | 7.89 | 31.27         | 94.3  | 6.63     | 4.6            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR5(N)   | 13:28:32 | 7.6      | Bottom  | 3          | 1         | 24.04           | 7.90 | 31.30         | 93.2  | 6.55     | 4.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR5(N)   | 13:28:06 | 7.6      | Bottom  | 3          | 2         | 24.02           | 7.87 | 31.28         | 92.3  | 6.49     | 4.9            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10A(N) | 14:25:31 | 1.0      | Surface | 1          | 1         | 24.31           | 7.91 | 32.54         | 97.0  | 6.74     | 3.2            | 5.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10A(N) | 14:25:10 | 1.0      | Surface | 1          | 2         | 24.15           | 7.76 | 32.57         | 96.3  | 6.70     | 3.3            | 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 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10A(N)  | 14:25:24 | 7.0      | Middle  | 2          | 1         | 24.31           | 7.90 | 32.53         | 93.5  | 6.50     | 3.3            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10A(N)  | 14:24:21 | 7.0      | Middle  | 2          | 2         | 24.31           | 7.91 | 32.50         | 93.8  | 6.52     | 3.4            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10A(N)  | 14:24:14 | 12.9     | Bottom  | 3          | 1         | 24.30           | 7.90 | 32.50         | 91.2  | 6.34     | 3.6            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10A(N)  | 14:25:17 | 12.9     | Bottom  | 3          | 2         | 24.29           | 7.88 | 32.53         | 91.6  | 6.36     | 3.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10B(N2) | 14:36:42 | 1.0      | Surface | 1          | 1         | 24.32           | 7.91 | 32.52         | 86.6  | 6.02     | 3.2            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10B(N2) | 14:36:13 | 1.0      | Surface | 1          | 2         | 24.34           | 7.91 | 32.56         | 86.1  | 5.98     | 3.1            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10B(N2) | 14:36:03 | 3.9      | Middle  | 2          | 1         | 24.33           | 7.91 | 32.57         | 85.7  | 5.95     | 3.6            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10B(N2) | 14:36:33 | 3.9      | Middle  | 2          | 2         | 24.33           | 7.91 | 32.53         | 85.2  | 5.92     | 3.4            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10B(N2) | 14:36:26 | 6.7      | Bottom  | 3          | 1         | 24.33           | 7.91 | 32.56         | 85.2  | 5.92     | 3.8            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | SR10B(N2) | 14:35:55 | 6.7      | Bottom  | 3          | 2         | 24.33           | 7.91 | 32.57         | 85.2  | 5.92     | 3.9            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS2(A)    | 12:33:10 | 1.0      | Surface | 1          | 1         | 23.67           | 7.85 | 32.77         | 99.6  | 6.98     | 7.2            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS2(A)    | 12:32:47 | 1.0      | Surface | 1          | 2         | 23.67           | 7.85 | 32.77         | 100.2 | 7.03     | 7.1            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS2(A)    | 12:32:41 | 4.1      | Middle  | 2          | 1         | 23.70           | 7.85 | 32.82         | 99.0  | 6.94     | 7.3            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS2(A)    | 12:33:02 | 4.1      | Middle  | 2          | 2         | 23.72           | 7.86 | 32.84         | 98.9  | 6.94     | 7.4            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS2(A)    | 12:32:33 | 7.1      | Bottom  | 3          | 1         | 23.68           | 7.89 | 32.86         | 98.2  | 6.89     | 7.5            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS2(A)    | 12:32:55 | 7.1      | Bottom  | 3          | 2         | 23.69           | 7.88 | 32.88         | 97.8  | 6.85     | 7.6            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 14:29:43 | 1.0      | Surface | 1          | 1         | 24.23           | 8.01 | 29.05         | 100.9 | 7.14     | 5.1            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 14:30:56 | 1.0      | Surface | 1          | 2         | 24.19           | 8.03 | 29.12         | 90.4  | 6.39     | 5.1            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 14:30:30 | 6.1      | Middle  | 2          | 1         | 24.32           | 8.02 | 29.34         | 88.9  | 6.31     | 5.4            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 14:29:32 | 6.1      | Middle  | 2          | 2         | 24.31           | 8.00 | 29.23         | 94.5  | 6.69     | 5.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 14:29:58 | 11.1     | Bottom  | 3          | 1         | 24.36           | 8.00 | 29.38         | 88.5  | 6.27     | 5.6            | 5.4      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 14:29:16 | 11.1     | Bottom  | 3          | 2         | 24.36           | 7.99 | 29.24         | 92.4  | 6.56     | 5.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS5       | 8:46:05  | 1.0      | Surface | 1          | 1         | 23.76           | 8.00 | 28.18         | 92.1  | 6.61     | 6.7            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS5       | 8:45:27  | 1.0      | Surface | 1          | 2         | 23.77           | 7.99 | 28.13         | 96.3  | 6.91     | 7.0            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS5       | 8:45:58  | 4.3      | Middle  | 2          | 1         | 23.77           | 8.00 | 28.19         | 91.3  | 6.57     | 6.8            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS5       | 8:45:19  | 4.3      | Middle  | 2          | 2         | 23.82           | 7.99 | 28.19         | 94.2  | 6.77     | 7.0            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS5       | 8:45:40  | 7.6      | Bottom  | 3          | 1         | 23.85           | 7.99 | 28.32         | 91.3  | 6.57     | 7.1            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS5       | 8:45:08  | 7.6      | Bottom  | 3          | 2         | 23.88           | 7.99 | 28.33         | 93.3  | 6.72     | 7.2            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)6   | 8:37:08  | 1.0      | Surface | 1          | 1         | 23.69           | 7.98 | 28.07         | 103.2 | 7.44     | 8.6            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)6   | 8:37:23  | 1.0      | Surface | 1          | 2         | 23.70           | 7.98 | 28.12         | 97.6  | 7.04     | 8.8            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)6   | 8:37:14  | 2.4      | Bottom  | 3          | 1         | 23.70           | 7.98 | 28.11         | 95.9  | 6.91     | 8.9            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)6   | 8:36:58  | 2.4      | Bottom  | 3          | 2         | 23.67           | 7.98 | 28.04         | 99.5  | 7.17     | 9.1            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS7       | 8:28:11  | 1.0      | Surface | 1          | 1         | 23.63           | 7.98 | 28.07         | 103.4 | 7.46     | 6.3            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS7       | 8:28:28  | 1.0      | Surface | 1          | 2         | 23.63           | 7.99 | 28.07         | 97.2  | 7.01     | 6.4            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS7       | 8:28:19  | 2.2      | Bottom  | 3          | 1         | 23.67           | 7.98 | 28.17         | 95.5  | 6.89     | 6.4            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS7       | 8:28:01  | 2.2      | Bottom  | 3          | 2         | 23.67           | 7.98 | 28.12         | 99.5  | 7.18     | 6.5            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS8       | 7:58:29  | 1.0      | Surface | 1          | 1         | 23.97           | 7.96 | 27.69         | 108.8 | 7.83     | 6.4            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS8       | 7:58:14  | 1.0      | Surface | 1          | 2         | 23.96           | 7.96 | 27.63         | 101.7 | 7.32     | 6.4            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS8       | 7:58:21  | 3.0      | Bottom  | 3          | 1         | 23.97           | 7.96 | 27.69         | 98.9  | 7.11     | 6.4            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS8       | 7:58:01  | 3.0      | Bottom  | 3          | 2         | 23.95           | 7.96 | 27.60         | 96.6  | 6.94     | 6.2            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)9   | 8:18:41  | 1.0      | Surface | 1          | 1         | 23.99           | 7.97 | 28.03         | 96.7  | 6.92     | 6.9            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)9   | 8:19:03  | 1.0      | Surface | 1          | 2         | 24.02           | 7.98 | 28.16         | 92.1  | 6.58     | 6.8            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)9   | 8:18:53  | 2.6      | Bottom  | 3          | 1         | 24.05           | 7.98 | 28.47         | 91.6  | 6.56     | 7.2            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS(Mf)9   | 8:18:17  | 2.6      | Bottom  | 3          | 2         | 24.05           | 7.96 | 28.37         | 93.1  | 6.68     | 7.3            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS10(N)   | 8:07:36  | 1.0      | Surface | 1          | 1         | 24.07           | 7.81 | 30.76         | 94.5  | 6.66     | 7.3            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS10(N)   | 8:08:00  | 1.0      | Surface | 1          | 2         | 24.04           | 7.80 | 30.73         | 93.6  | 6.61     | 7.2            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS10(N)   | 8:07:30  | 5.4      | Middle  | 2          | 1         | 24.08           | 7.83 | 30.84         | 91.4  | 6.44     | 7.4            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS10(N)   | 8:07:54  | 5.4      | Middle  | 2          | 2         | 24.07           | 7.80 | 30.77         | 90.8  | 6.41     | 7.5            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS10(N)   | 8:07:22  | 9.8      | Bottom  | 3          | 1         | 24.07           | 7.89 | 30.89         | 88.9  | 6.27     | 7.6            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | IS10(N)   | 8:07:46  | 9.8      | Bottom  | 3          | 2         | 24.08           | 7.80 | 30.82         | 89.8  | 6.33     | 7.7            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR3(N)    | 8:54:49  | 1.0      | Surface | 1          | 1         | 23.78           | 7.99 | 28.23         | 97.8  | 7.03     | 7.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR3(N)    | 8:55:12  | 1.0      | Surface | 1          | 2         | 23.78           | 8.00 | 28.26         | 92.9  | 6.68     | 7.5            | 6.0      |

## 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 | 2017-11-20        | Mid-Flood | Cloudy            | SR3(N)    | 8:55:02  | 2.6      | Bottom  | 3          | 1         | 23.80           | 7.99 | 28.27         | 92.2  | 6.63     | 6.5            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR3(N)    | 8:54:33  | 2.6      | Bottom  | 3          | 2         | 23.80           | 7.98 | 28.22         | 94.5  | 6.79     | 6.4            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR4(N)    | 8:05:17  | 1.0      | Surface | 1          | 1         | 24.17           | 7.96 | 28.02         | 93.5  | 6.68     | 8.6            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR4(N)    | 8:05:02  | 1.0      | Surface | 1          | 2         | 24.13           | 7.95 | 27.95         | 101.6 | 7.26     | 8.4            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR4(N)    | 8:04:49  | 2.7      | Bottom  | 3          | 1         | 24.21           | 7.95 | 28.03         | 95.4  | 6.83     | 8.5            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR4(N)    | 8:05:09  | 2.7      | Bottom  | 3          | 2         | 24.20           | 7.96 | 28.10         | 91.8  | 6.56     | 8.4            | 12.6     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR5(N)    | 8:17:38  | 1.0      | Surface | 1          | 1         | 24.08           | 7.84 | 30.77         | 87.1  | 6.14     | 7.4            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR5(N)    | 8:17:59  | 1.0      | Surface | 1          | 2         | 24.07           | 7.83 | 30.77         | 87.7  | 6.17     | 7.3            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR5(N)    | 8:17:32  | 4.4      | Middle  | 2          | 1         | 24.10           | 7.85 | 30.82         | 87.1  | 6.14     | 7.6            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR5(N)    | 8:17:52  | 4.4      | Middle  | 2          | 2         | 24.07           | 7.83 | 30.78         | 87.1  | 6.14     | 7.5            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR5(N)    | 8:17:23  | 7.7      | Bottom  | 3          | 1         | 24.11           | 7.83 | 30.87         | 86.9  | 6.13     | 7.9            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR5(N)    | 8:17:46  | 7.7      | Bottom  | 3          | 2         | 24.07           | 7.83 | 30.80         | 86.8  | 6.12     | 7.8            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10A(N)  | 7:20:25  | 1.0      | Surface | 1          | 1         | 24.27           | 7.73 | 32.09         | 84.3  | 5.88     | 2.2            | 14.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10A(N)  | 7:20:02  | 1.0      | Surface | 1          | 2         | 24.27           | 7.72 | 32.09         | 83.9  | 5.85     | 2.1            | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10A(N)  | 7:20:20  | 7.1      | Middle  | 2          | 1         | 24.27           | 7.73 | 32.09         | 83.7  | 5.84     | 2.4            | 14.5     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10A(N)  | 7:19:54  | 7.1      | Middle  | 2          | 2         | 24.27           | 7.73 | 32.09         | 83.6  | 5.83     | 2.4            | 13.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10A(N)  | 7:20:12  | 13.1     | Bottom  | 3          | 1         | 24.27           | 7.72 | 32.09         | 83.6  | 5.83     | 2.5            | 14.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10A(N)  | 7:19:46  | 13.1     | Bottom  | 3          | 2         | 24.28           | 7.75 | 32.10         | 83.5  | 5.83     | 2.6            | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10B(N2) | 7:09:28  | 1.0      | Surface | 1          | 1         | 24.26           | 7.68 | 32.10         | 87.4  | 6.10     | 2.4            | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10B(N2) | 7:09:08  | 1.0      | Surface | 1          | 2         | 24.27           | 7.66 | 32.09         | 86.1  | 6.00     | 2.3            | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10B(N2) | 7:09:02  | 3.9      | Middle  | 2          | 1         | 24.27           | 7.68 | 32.08         | 84.8  | 5.91     | 2.4            | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10B(N2) | 7:09:22  | 3.9      | Middle  | 2          | 2         | 24.27           | 7.67 | 32.09         | 85.4  | 5.96     | 2.5            | 16.8     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10B(N2) | 7:08:51  | 6.8      | Bottom  | 3          | 1         | 24.27           | 7.67 | 32.07         | 84.4  | 5.89     | 2.7            | 19.2     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | SR10B(N2) | 7:09:16  | 6.8      | Bottom  | 3          | 2         | 24.27           | 7.66 | 32.09         | 84.2  | 5.87     | 2.7            | 17.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS2(A)    | 9:07:58  | 1.0      | Surface | 1          | 1         | 23.88           | 7.86 | 30.56         | 94.2  | 6.65     | 8.3            | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS2(A)    | 9:07:36  | 1.0      | Surface | 1          | 2         | 23.89           | 7.85 | 30.54         | 94.9  | 6.71     | 8.2            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS2(A)    | 9:07:28  | 4.1      | Middle  | 2          | 1         | 23.87           | 7.88 | 30.76         | 92.4  | 6.50     | 8.4            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS2(A)    | 9:07:52  | 4.1      | Middle  | 2          | 2         | 23.86           | 7.86 | 30.60         | 93.0  | 6.58     | 8.6            | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS2(A)    | 9:07:44  | 7.1      | Bottom  | 3          | 1         | 23.86           | 7.86 | 31.61         | 92.2  | 6.53     | 8.8            | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS2(A)    | 9:07:20  | 7.1      | Bottom  | 3          | 2         | 23.86           | 7.88 | 30.85         | 91.6  | 6.48     | 8.7            | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS(Mf)5   | 7:36:40  | 1.0      | Surface | 1          | 1         | 24.27           | 7.94 | 29.31         | 90.1  | 6.37     | 7.2            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS(Mf)5   | 7:35:56  | 1.0      | Surface | 1          | 2         | 24.25           | 7.92 | 29.84         | 93.5  | 6.53     | 7.0            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS(Mf)5   | 7:35:40  | 6.2      | Middle  | 2          | 1         | 24.31           | 7.90 | 30.48         | 90.9  | 6.41     | 7.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS(Mf)5   | 7:36:25  | 6.2      | Middle  | 2          | 2         | 24.31           | 7.93 | 29.50         | 89.9  | 6.35     | 7.4            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS(Mf)5   | 7:36:12  | 11.4     | Bottom  | 3          | 1         | 24.42           | 7.92 | 29.80         | 89.5  | 6.33     | 7.3            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-20        | Mid-Flood | Cloudy            | CS(Mf)5   | 7:35:18  | 11.4     | Bottom  | 3          | 2         | 24.45           | 7.85 | 31.32         | 90.8  | 6.39     | 7.2            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS5       | 14:04:38 | 1.0      | Surface | 1          | 1         | 22.97           | 8.06 | 28.59         | 98.7  | 7.20     | 6.6            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS5       | 14:05:07 | 1.0      | Surface | 1          | 2         | 22.97           | 8.06 | 28.69         | 94.3  | 6.86     | 6.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS5       | 14:04:26 | 4.2      | Middle  | 2          | 1         | 22.91           | 8.06 | 28.59         | 96.3  | 7.02     | 6.6            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS5       | 14:04:58 | 4.2      | Middle  | 2          | 2         | 22.93           | 8.06 | 28.72         | 93.8  | 6.83     | 6.6            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS5       | 14:04:48 | 7.4      | Bottom  | 3          | 1         | 22.94           | 8.06 | 28.68         | 93.8  | 6.82     | 6.7            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS5       | 14:04:14 | 7.4      | Bottom  | 3          | 2         | 22.88           | 8.06 | 28.50         | 95.2  | 6.93     | 6.8            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)6   | 14:13:16 | 1.0      | Surface | 1          | 1         | 23.17           | 8.05 | 28.69         | 105.2 | 7.64     | 6.7            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)6   | 14:13:34 | 1.0      | Surface | 1          | 2         | 23.16           | 8.05 | 28.73         | 100.8 | 7.31     | 6.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)6   | 14:13:06 | 2.1      | Bottom  | 3          | 1         | 23.09           | 8.07 | 28.66         | 102.6 | 7.44     | 6.8            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)6   | 14:13:24 | 2.1      | Bottom  | 3          | 2         | 23.14           | 8.05 | 28.72         | 99.2  | 7.19     | 6.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS7       | 14:21:35 | 1.0      | Surface | 1          | 1         | 23.41           | 8.05 | 28.74         | 100.6 | 7.27     | 6.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS7       | 14:21:53 | 1.0      | Surface | 1          | 2         | 23.41           | 8.06 | 28.76         | 98.5  | 7.11     | 6.6            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS7       | 14:21:44 | 2.0      | Bottom  | 3          | 1         | 23.41           | 8.05 | 28.77         | 97.9  | 7.06     | 6.5            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS7       | 14:21:25 | 2.0      | Bottom  | 3          | 2         | 23.38           | 8.04 | 28.74         | 99.3  | 7.17     | 6.6            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS8       | 14:48:57 | 1.0      | Surface | 1          | 1         | 23.31           | 8.06 | 28.43         | 104.0 | 7.54     | 9.5            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS8       | 14:49:14 | 1.0      | Surface | 1          | 2         | 23.32           | 8.06 | 28.53         | 99.9  | 7.23     | 9.4            | 10.3     |

## 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 | 2017-11-22        | Mid-Ebb   | Sunny             | IS8       | 14:49:05 | 2.9      | Bottom  | 3          | 1         | 23.31           | 8.06 | 28.53         | 98.8  | 7.15     | 9.5            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS8       | 14:48:46 | 2.9      | Bottom  | 3          | 2         | 23.28           | 8.06 | 28.38         | 101.3 | 7.34     | 9.4            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)9   | 14:30:39 | 1.0      | Surface | 1          | 1         | 23.54           | 8.06 | 28.57         | 101.5 | 7.32     | 6.7            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)9   | 14:30:56 | 1.0      | Surface | 1          | 2         | 23.54           | 8.06 | 28.69         | 97.9  | 7.06     | 6.8            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)9   | 14:30:29 | 2.4      | Bottom  | 3          | 1         | 23.52           | 8.06 | 28.52         | 99.6  | 7.18     | 6.9            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS(Mf)9   | 14:30:49 | 2.4      | Bottom  | 3          | 2         | 23.52           | 8.06 | 28.67         | 97.3  | 7.01     | 6.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS10(N)   | 14:50:59 | 1.0      | Surface | 1          | 1         | 23.44           | 8.30 | 32.19         | 91.3  | 6.45     | 5.2            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS10(N)   | 14:50:32 | 1.0      | Surface | 1          | 2         | 23.42           | 8.31 | 32.18         | 90.6  | 6.40     | 5.1            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS10(N)   | 14:50:49 | 5.5      | Middle  | 2          | 1         | 23.47           | 8.30 | 32.27         | 90.3  | 6.39     | 5.3            | 5.4      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS10(N)   | 14:50:18 | 5.5      | Middle  | 2          | 2         | 23.46           | 8.31 | 32.25         | 90.0  | 6.36     | 5.2            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS10(N)   | 14:50:43 | 10.0     | Bottom  | 3          | 1         | 23.46           | 8.30 | 32.27         | 89.6  | 6.33     | 5.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | IS10(N)   | 14:50:11 | 10.0     | Bottom  | 3          | 2         | 23.44           | 8.31 | 32.24         | 89.5  | 6.33     | 5.3            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR3(N)    | 13:55:29 | 1.0      | Surface | 1          | 1         | 22.96           | 8.10 | 26.52         | 102.3 | 7.56     | 7.1            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR3(N)    | 13:55:53 | 1.0      | Surface | 1          | 2         | 22.97           | 8.08 | 27.02         | 96.9  | 7.13     | 7.1            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR3(N)    | 13:55:41 | 2.3      | Bottom  | 3          | 1         | 22.94           | 8.08 | 26.80         | 95.8  | 7.04     | 7.5            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR3(N)    | 13:55:11 | 2.3      | Bottom  | 3          | 2         | 22.92           | 8.16 | 26.01         | 98.4  | 7.25     | 7.1            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR4(N)    | 14:41:38 | 1.0      | Surface | 1          | 1         | 23.31           | 8.04 | 28.75         | 102.0 | 7.38     | 8.8            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR4(N)    | 14:41:56 | 1.0      | Surface | 1          | 2         | 23.31           | 8.04 | 28.79         | 98.1  | 7.09     | 8.9            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR4(N)    | 14:41:29 | 2.5      | Bottom  | 3          | 1         | 23.26           | 8.05 | 28.75         | 99.6  | 7.20     | 9.0            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR4(N)    | 14:41:45 | 2.5      | Bottom  | 3          | 2         | 23.31           | 8.04 | 28.78         | 96.5  | 6.97     | 8.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR5(N)    | 14:40:12 | 1.0      | Surface | 1          | 1         | 23.39           | 8.33 | 32.13         | 91.5  | 6.47     | 3.2            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR5(N)    | 14:40:41 | 1.0      | Surface | 1          | 2         | 23.40           | 8.32 | 32.14         | 92.1  | 6.51     | 3.1            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR5(N)    | 14:40:00 | 4.2      | Middle  | 2          | 1         | 23.43           | 8.33 | 32.20         | 91.6  | 6.47     | 3.4            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR5(N)    | 14:40:34 | 4.2      | Middle  | 2          | 2         | 23.42           | 8.32 | 32.18         | 91.6  | 6.48     | 3.3            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR5(N)    | 14:39:51 | 7.4      | Bottom  | 3          | 1         | 23.47           | 8.33 | 32.27         | 91.0  | 6.44     | 3.6            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR5(N)    | 14:40:23 | 7.4      | Bottom  | 3          | 2         | 23.43           | 8.32 | 32.24         | 91.2  | 6.45     | 3.5            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10A(N)  | 15:42:18 | 1.0      | Surface | 1          | 1         | 23.80           | 8.31 | 33.10         | 92.5  | 6.47     | 3.1            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10A(N)  | 15:42:48 | 1.0      | Surface | 1          | 2         | 23.80           | 8.30 | 33.10         | 82.7  | 6.45     | 3.2            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10A(N)  | 15:42:10 | 7.1      | Middle  | 2          | 1         | 23.80           | 8.31 | 33.09         | 90.5  | 6.33     | 3.2            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10A(N)  | 15:42:40 | 7.1      | Middle  | 2          | 2         | 23.80           | 8.30 | 33.11         | 90.6  | 6.33     | 3.3            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10A(N)  | 15:42:31 | 13.1     | Bottom  | 3          | 1         | 23.80           | 8.30 | 33.11         | 89.4  | 6.25     | 3.4            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10A(N)  | 15:42:01 | 13.1     | Bottom  | 3          | 2         | 23.80           | 8.30 | 33.10         | 89.8  | 6.28     | 3.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10B(N2) | 15:53:26 | 1.0      | Surface | 1          | 1         | 23.80           | 8.28 | 33.10         | 87.9  | 6.14     | 2.9            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10B(N2) | 15:53:55 | 1.0      | Surface | 1          | 2         | 23.80           | 8.27 | 33.10         | 88.2  | 6.17     | 2.8            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10B(N2) | 15:53:46 | 3.9      | Middle  | 2          | 1         | 23.81           | 8.28 | 33.11         | 87.8  | 6.14     | 3.1            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10B(N2) | 15:53:20 | 3.9      | Middle  | 2          | 2         | 23.80           | 8.28 | 33.10         | 87.5  | 6.12     | 3.0            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10B(N2) | 15:53:38 | 6.7      | Bottom  | 3          | 1         | 23.80           | 8.28 | 33.11         | 87.4  | 6.10     | 3.3            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | SR10B(N2) | 15:53:11 | 6.7      | Bottom  | 3          | 2         | 23.80           | 8.29 | 33.11         | 87.3  | 6.10     | 3.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS2(A)    | 13:39:52 | 1.0      | Surface | 1          | 1         | 23.00           | 8.20 | 32.88         | 97.9  | 6.94     | 11.1           | 15.1     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS2(A)    | 13:40:12 | 1.0      | Surface | 1          | 2         | 23.00           | 8.20 | 32.89         | 98.3  | 6.97     | 11.2           | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS2(A)    | 13:39:45 | 3.9      | Middle  | 2          | 1         | 22.99           | 8.20 | 32.88         | 97.2  | 6.90     | 11.3           | 16.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS2(A)    | 13:40:04 | 3.9      | Middle  | 2          | 2         | 22.99           | 8.20 | 32.90         | 97.6  | 6.93     | 11.4           | 16.5     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS2(A)    | 13:39:59 | 6.8      | Bottom  | 3          | 1         | 23.00           | 8.20 | 32.88         | 97.1  | 6.89     | 11.8           | 16.1     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS2(A)    | 13:39:39 | 6.8      | Bottom  | 3          | 2         | 22.99           | 8.20 | 32.88         | 96.9  | 6.88     | 11.7           | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS(Mf)5   | 15:32:30 | 1.0      | Surface | 1          | 1         | 23.82           | 8.05 | 29.58         | 91.5  | 6.52     | 4.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS(Mf)5   | 15:31:41 | 1.0      | Surface | 1          | 2         | 23.81           | 8.05 | 29.41         | 102.7 | 7.33     | 4.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS(Mf)5   | 15:31:32 | 6.0      | Middle  | 2          | 1         | 23.83           | 8.06 | 29.49         | 98.4  | 7.02     | 3.9            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS(Mf)5   | 15:32:19 | 6.0      | Middle  | 2          | 2         | 23.81           | 8.05 | 29.71         | 90.8  | 6.47     | 4.0            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS(Mf)5   | 15:32:05 | 11.0     | Bottom  | 3          | 1         | 23.78           | 8.04 | 29.77         | 90.7  | 6.47     | 4.3            | 7.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Ebb   | Sunny             | CS(Mf)5   | 15:31:21 | 11.0     | Bottom  | 3          | 2         | 23.79           | 8.08 | 29.39         | 96.2  | 6.87     | 4.0            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS5       | 10:20:18 | 1.0      | Surface | 1          | 1         | 22.75           | 7.99 | 28.91         | 94.7  | 6.91     | 7.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS5       | 10:19:50 | 1.0      | Surface | 1          | 2         | 22.75           | 7.98 | 28.87         | 102.9 | 7.51     | 8.0            | 10.5     |

## 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 | 2017-11-22        | Mid-Flood | Sunny             | IS5       | 10:20:12 | 4.4      | Middle  | 2          | 1         | 22.75           | 7.99 | 28.91         | 94.1  | 6.86     | 7.9            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS5       | 10:19:41 | 4.4      | Middle  | 2          | 2         | 22.75           | 7.98 | 28.85         | 98.6  | 7.19     | 8.3            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS5       | 10:20:03 | 7.7      | Bottom  | 3          | 1         | 22.75           | 7.98 | 28.90         | 93.7  | 6.83     | 8.0            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS5       | 10:19:27 | 7.7      | Bottom  | 3          | 2         | 22.72           | 7.98 | 28.84         | 96.7  | 7.06     | 8.3            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)6   | 10:09:20 | 1.0      | Surface | 1          | 1         | 22.84           | 7.99 | 28.64         | 100.2 | 7.31     | 8.8            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)6   | 10:11:08 | 1.0      | Surface | 1          | 2         | 22.86           | 8.00 | 28.88         | 103.9 | 7.58     | 8.8            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)6   | 10:10:49 | 2.1      | Bottom  | 3          | 1         | 22.84           | 8.00 | 28.90         | 95.7  | 6.97     | 8.4            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)6   | 10:09:10 | 2.1      | Bottom  | 3          | 2         | 22.82           | 7.99 | 28.58         | 94.2  | 6.86     | 8.9            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS7       | 10:00:21 | 1.0      | Surface | 1          | 1         | 23.07           | 7.98 | 28.85         | 95.7  | 6.95     | 11.0           | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS7       | 10:00:41 | 1.0      | Surface | 1          | 2         | 23.07           | 7.98 | 28.91         | 93.2  | 6.77     | 11.3           | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS7       | 10:00:08 | 2.0      | Bottom  | 3          | 1         | 23.02           | 7.97 | 28.82         | 94.5  | 6.85     | 11.4           | 13.7     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS7       | 10:00:32 | 2.0      | Bottom  | 3          | 2         | 22.96           | 7.98 | 28.90         | 93.1  | 6.75     | 11.7           | 13.1     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS8       | 9:29:59  | 1.0      | Surface | 1          | 1         | 22.92           | 7.97 | 28.47         | 99.3  | 7.24     | 9.5            | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS8       | 9:29:40  | 1.0      | Surface | 1          | 2         | 22.92           | 7.97 | 28.36         | 105.9 | 7.73     | 9.3            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS8       | 9:29:49  | 3.4      | Bottom  | 3          | 1         | 22.93           | 7.96 | 28.46         | 97.4  | 7.10     | 9.1            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS8       | 9:29:32  | 3.4      | Bottom  | 3          | 2         | 22.92           | 7.97 | 28.30         | 102.3 | 7.46     | 9.5            | 13.3     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)9   | 9:48:54  | 1.0      | Surface | 1          | 1         | 23.14           | 7.96 | 28.85         | 105.3 | 7.63     | 11.8           | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)9   | 9:49:09  | 1.0      | Surface | 1          | 2         | 23.15           | 7.97 | 28.89         | 99.2  | 7.18     | 11.6           | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)9   | 9:48:45  | 2.8      | Bottom  | 3          | 1         | 23.11           | 7.96 | 28.85         | 101.1 | 7.33     | 11.6           | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS(MF)9   | 9:49:00  | 2.8      | Bottom  | 3          | 2         | 23.15           | 7.96 | 28.89         | 96.8  | 7.01     | 11.8           | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS10(N)   | 9:35:30  | 1.0      | Surface | 1          | 1         | 23.18           | 8.21 | 32.04         | 94.4  | 6.71     | 6.1            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS10(N)   | 9:35:05  | 1.0      | Surface | 1          | 2         | 23.20           | 8.20 | 32.01         | 93.5  | 6.65     | 6.3            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS10(N)   | 9:34:56  | 5.5      | Middle  | 2          | 1         | 23.17           | 8.20 | 32.05         | 92.2  | 6.56     | 6.4            | 11.3     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS10(N)   | 9:35:21  | 5.5      | Middle  | 2          | 2         | 23.12           | 8.21 | 32.11         | 93.0  | 6.61     | 6.5            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS10(N)   | 9:35:14  | 10.0     | Bottom  | 3          | 1         | 23.16           | 8.20 | 32.08         | 92.1  | 6.55     | 6.7            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | IS10(N)   | 9:34:47  | 10.0     | Bottom  | 3          | 2         | 23.18           | 8.19 | 32.04         | 92.0  | 6.54     | 6.8            | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR3(N)    | 10:29:42 | 1.0      | Surface | 1          | 1         | 22.79           | 7.98 | 28.80         | 103.4 | 7.55     | 8.8            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR3(N)    | 10:29:23 | 1.0      | Surface | 1          | 2         | 22.79           | 7.98 | 28.69         | 99.3  | 7.25     | 9.1            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR3(N)    | 10:29:11 | 2.3      | Bottom  | 3          | 1         | 22.78           | 7.98 | 28.60         | 97.1  | 7.09     | 8.8            | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR3(N)    | 10:29:31 | 2.3      | Bottom  | 3          | 2         | 22.79           | 7.98 | 28.75         | 95.5  | 6.96     | 8.8            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR4(N)    | 9:38:05  | 1.0      | Surface | 1          | 1         | 22.90           | 7.97 | 28.63         | 98.1  | 7.15     | 10.1           | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR4(N)    | 9:37:50  | 1.0      | Surface | 1          | 2         | 22.90           | 7.96 | 28.57         | 103.9 | 7.57     | 10.2           | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR4(N)    | 9:37:56  | 2.8      | Bottom  | 3          | 1         | 22.91           | 7.96 | 28.63         | 96.2  | 7.01     | 10.0           | 14.7     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR4(N)    | 9:37:39  | 2.8      | Bottom  | 3          | 2         | 22.91           | 7.97 | 28.56         | 99.9  | 7.28     | 10.1           | 14.2     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR5(N)    | 9:45:09  | 1.0      | Surface | 1          | 1         | 23.19           | 8.22 | 32.03         | 91.3  | 6.49     | 7.3            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR5(N)    | 9:45:35  | 1.0      | Surface | 1          | 2         | 23.18           | 8.23 | 32.04         | 91.1  | 6.48     | 7.3            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR5(N)    | 9:45:28  | 4.3      | Middle  | 2          | 1         | 23.13           | 8.22 | 32.10         | 91.1  | 6.48     | 7.4            | 11.1     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR5(N)    | 9:45:01  | 4.3      | Middle  | 2          | 2         | 23.13           | 8.22 | 32.10         | 91.2  | 6.48     | 7.5            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR5(N)    | 9:44:51  | 7.5      | Bottom  | 3          | 1         | 23.18           | 8.22 | 32.06         | 91.0  | 6.47     | 7.7            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR5(N)    | 9:45:19  | 7.5      | Bottom  | 3          | 2         | 23.17           | 8.22 | 32.07         | 90.8  | 6.46     | 7.8            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10A(N)  | 8:44:07  | 1.0      | Surface | 1          | 1         | 23.73           | 8.19 | 33.09         | 88.6  | 6.20     | 3.8            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10A(N)  | 8:44:30  | 1.0      | Surface | 1          | 2         | 23.73           | 8.24 | 33.08         | 88.9  | 6.22     | 3.9            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10A(N)  | 8:44:22  | 7.1      | Middle  | 2          | 1         | 23.73           | 8.22 | 33.09         | 88.3  | 6.18     | 4.0            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10A(N)  | 8:44:01  | 7.1      | Middle  | 2          | 2         | 23.73           | 8.19 | 33.09         | 87.9  | 6.15     | 4.0            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10A(N)  | 8:43:52  | 13.2     | Bottom  | 3          | 1         | 23.73           | 8.27 | 33.09         | 87.6  | 6.13     | 4.1            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10A(N)  | 8:44:16  | 13.2     | Bottom  | 3          | 2         | 23.73           | 8.21 | 33.09         | 87.7  | 6.14     | 4.2            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10B(N2) | 8:34:03  | 1.0      | Surface | 1          | 1         | 23.73           | 8.12 | 33.09         | 95.7  | 6.81     | 4.2            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10B(N2) | 8:34:30  | 1.0      | Surface | 1          | 2         | 23.73           | 8.22 | 33.09         | 97.7  | 6.84     | 4.2            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10B(N2) | 8:34:21  | 3.9      | Middle  | 2          | 1         | 23.73           | 8.19 | 33.09         | 93.1  | 6.51     | 4.3            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10B(N2) | 8:33:54  | 3.9      | Middle  | 2          | 2         | 23.73           | 8.28 | 33.09         | 95.4  | 6.67     | 4.4            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10B(N2) | 8:33:42  | 6.8      | Bottom  | 3          | 1         | 23.73           | 8.21 | 33.10         | 92.0  | 6.44     | 4.6            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | SR10B(N2) | 8:34:14  | 6.8      | Bottom  | 3          | 2         | 23.73           | 8.26 | 33.09         | 90.9  | 6.36     | 4.5            | 9.5      |

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 | 2017-11-22        | Mid-Flood | Sunny             | CS2(A)  | 10:43:23 | 1.0      | Surface | 1          | 1         | 22.85           | 8.29 | 32.19         | 98.6  | 7.04     | 12.2           | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS2(A)  | 10:42:56 | 1.0      | Surface | 1          | 2         | 22.84           | 8.27 | 32.19         | 97.6  | 6.98     | 12.1           | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS2(A)  | 10:42:47 | 3.9      | Middle  | 2          | 1         | 22.84           | 8.26 | 32.20         | 96.9  | 6.92     | 12.3           | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS2(A)  | 10:43:14 | 3.9      | Middle  | 2          | 2         | 22.84           | 8.28 | 32.20         | 97.3  | 6.95     | 12.4           | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS2(A)  | 10:43:06 | 6.8      | Bottom  | 3          | 1         | 22.84           | 8.28 | 32.22         | 96.3  | 6.88     | 12.6           | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS2(A)  | 10:42:38 | 6.8      | Bottom  | 3          | 2         | 22.82           | 8.23 | 32.23         | 96.2  | 6.88     | 12.5           | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS(Mf)5 | 9:05:19  | 1.0      | Surface | 1          | 1         | 23.65           | 7.97 | 29.92         | 88.8  | 6.34     | 7.4            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS(Mf)5 | 9:04:29  | 1.0      | Surface | 1          | 2         | 23.65           | 7.96 | 30.25         | 98.4  | 6.92     | 7.7            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS(Mf)5 | 9:04:09  | 6.2      | Middle  | 2          | 1         | 23.71           | 7.94 | 30.54         | 89.5  | 6.38     | 7.9            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS(Mf)5 | 9:05:04  | 6.2      | Middle  | 2          | 2         | 23.70           | 7.96 | 30.05         | 88.8  | 6.32     | 7.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS(Mf)5 | 9:04:47  | 11.4     | Bottom  | 3          | 1         | 23.71           | 7.96 | 30.18         | 88.6  | 6.31     | 7.8            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-22        | Mid-Flood | Sunny             | CS(Mf)5 | 9:03:06  | 11.4     | Bottom  | 3          | 2         | 23.70           | 7.89 | 32.22         | 89.5  | 6.36     | 7.9            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS5     | 15:33    | 1.0      | Surface | 1          | 1         | 21.96           | 8.07 | 28.72         | 99.1  | 7.34     | 6.2            | 11.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS5     | 15:33    | 1.0      | Surface | 1          | 2         | 21.96           | 8.07 | 28.79         | 94.5  | 7.00     | 6.4            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS5     | 15:33    | 4.5      | Middle  | 2          | 1         | 21.96           | 8.07 | 28.83         | 94.1  | 6.97     | 6.4            | 13.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS5     | 15:32    | 4.5      | Middle  | 2          | 2         | 21.95           | 8.07 | 28.74         | 96.6  | 7.16     | 6.1            | 14.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS5     | 15:32    | 7.9      | Bottom  | 3          | 1         | 21.95           | 8.07 | 28.71         | 95.8  | 7.09     | 6.3            | 13.5     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS5     | 15:33    | 7.9      | Bottom  | 3          | 2         | 21.96           | 8.07 | 28.82         | 94.0  | 6.96     | 6.3            | 13.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)6 | 15:44    | 1.0      | Surface | 1          | 1         | 22.26           | 8.08 | 28.72         | 99.3  | 7.31     | 5.8            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)6 | 15:44    | 1.0      | Surface | 1          | 2         | 22.27           | 8.08 | 28.69         | 101.3 | 7.47     | 5.7            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)6 | 15:44    | 2.1      | Bottom  | 3          | 1         | 22.27           | 8.08 | 28.73         | 99.0  | 7.29     | 5.8            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)6 | 15:44    | 2.1      | Bottom  | 3          | 2         | 22.27           | 8.07 | 28.69         | 99.7  | 7.34     | 5.8            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS7     | 15:54    | 1.0      | Surface | 1          | 1         | 22.27           | 8.07 | 28.70         | 104.0 | 7.66     | 6.9            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS7     | 15:55    | 1.0      | Surface | 1          | 2         | 22.27           | 8.07 | 28.74         | 101.7 | 7.49     | 6.9            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS7     | 15:54    | 2.1      | Bottom  | 3          | 1         | 22.26           | 8.07 | 28.71         | 102.4 | 7.55     | 6.8            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS7     | 15:54    | 2.1      | Bottom  | 3          | 2         | 22.27           | 8.07 | 28.73         | 100.6 | 7.40     | 6.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS8     | 16:24    | 1.0      | Surface | 1          | 1         | 22.23           | 8.07 | 28.61         | 101.1 | 7.37     | 7.1            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS8     | 16:25    | 1.0      | Surface | 1          | 2         | 22.38           | 8.08 | 28.56         | 97.3  | 7.09     | 7.2            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS8     | 16:24    | 2.9      | Bottom  | 3          | 1         | 22.65           | 8.05 | 29.25         | 97.7  | 7.20     | 7.2            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS8     | 16:25    | 2.9      | Bottom  | 3          | 2         | 22.63           | 8.06 | 29.45         | 95.5  | 7.03     | 7.3            | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)9 | 16:05    | 1.0      | Surface | 1          | 1         | 22.30           | 8.07 | 28.66         | 103.0 | 7.55     | 7.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)9 | 16:05    | 1.0      | Surface | 1          | 2         | 22.31           | 8.07 | 28.70         | 99.8  | 7.33     | 7.5            | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)9 | 16:05    | 2.4      | Bottom  | 3          | 1         | 22.47           | 8.06 | 28.84         | 100.3 | 7.38     | 7.4            | 15.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS(Mf)9 | 16:05    | 2.4      | Bottom  | 3          | 2         | 22.37           | 8.06 | 28.90         | 98.5  | 7.25     | 7.5            | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS10(N) | 16:03    | 1.0      | Surface | 1          | 1         | 22.58           | 8.30 | 33.04         | 92.9  | 6.62     | 3.3            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS10(N) | 16:04    | 1.0      | Surface | 1          | 2         | 22.51           | 8.30 | 33.04         | 93.6  | 6.66     | 3.1            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS10(N) | 16:03    | 5.3      | Middle  | 2          | 1         | 22.66           | 8.30 | 33.11         | 92.5  | 6.58     | 3.3            | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS10(N) | 16:03    | 5.3      | Middle  | 2          | 2         | 22.68           | 8.30 | 33.10         | 92.8  | 6.63     | 3.2            | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS10(N) | 16:03    | 9.5      | Bottom  | 3          | 1         | 22.77           | 8.30 | 33.21         | 91.9  | 6.55     | 3.5            | 16.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | IS10(N) | 16:03    | 9.5      | Bottom  | 3          | 2         | 22.75           | 8.30 | 33.23         | 92.3  | 6.60     | 3.6            | 15.3     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR3(N)  | 15:21    | 1.0      | Surface | 1          | 1         | 22.05           | 8.13 | 27.96         | 97.6  | 7.25     | 7.1            | 13.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR3(N)  | 15:22    | 1.0      | Surface | 1          | 2         | 22.05           | 8.10 | 28.18         | 98.9  | 7.36     | 7.2            | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR3(N)  | 15:22    | 3.1      | Bottom  | 3          | 1         | 22.05           | 8.11 | 28.13         | 96.3  | 7.14     | 7.3            | 16.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR3(N)  | 15:21    | 3.1      | Bottom  | 3          | 2         | 22.04           | 8.16 | 27.72         | 96.7  | 7.17     | 7.1            | 15.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR4(N)  | 16:16    | 1.0      | Surface | 1          | 1         | 22.65           | 8.05 | 28.54         | 97.2  | 7.09     | 7.1            | 15.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR4(N)  | 16:16    | 1.0      | Surface | 1          | 2         | 22.64           | 8.05 | 28.49         | 100.7 | 7.35     | 7.5            | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR4(N)  | 16:16    | 2.5      | Bottom  | 3          | 1         | 22.67           | 8.04 | 28.98         | 96.1  | 7.03     | 7.5            | 14.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR4(N)  | 16:16    | 2.5      | Bottom  | 3          | 2         | 22.64           | 8.04 | 29.19         | 98.1  | 7.19     | 7.6            | 15.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR5(N)  | 15:55    | 1.0      | Surface | 1          | 1         | 22.84           | 8.33 | 33.31         | 94.8  | 6.73     | 2.8            | 10.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR5(N)  | 15:54    | 1.0      | Surface | 1          | 2         | 22.85           | 8.34 | 33.30         | 93.5  | 6.63     | 2.9            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR5(N)  | 15:55    | 4.1      | Middle  | 2          | 1         | 22.85           | 8.33 | 33.31         | 93.0  | 6.60     | 3.1            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR5(N)  | 15:54    | 4.1      | Middle  | 2          | 2         | 22.86           | 8.34 | 33.31         | 92.2  | 6.54     | 3.0            | 13.7     |

## 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 | 2017-11-24        | Mid-Ebb   | Sunny             | SR5(N)    | 15:55 | 7.1      | Bottom  | 3          | 1         | 22.86           | 8.34 | 33.32         | 91.8  | 6.52     | 3.3            | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR5(N)    | 15:54 | 7.1      | Bottom  | 3          | 2         | 22.86           | 8.34 | 33.32         | 91.9  | 6.52     | 3.4            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10A(N)  | 17:04 | 1.0      | Surface | 1          | 1         | 22.97           | 8.30 | 33.71         | 92.8  | 6.55     | 1.9            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10A(N)  | 17:03 | 1.0      | Surface | 1          | 2         | 22.96           | 8.30 | 33.71         | 93.8  | 6.62     | 1.9            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10A(N)  | 17:03 | 6.8      | Middle  | 2          | 1         | 23.03           | 8.30 | 33.74         | 91.7  | 6.47     | 2.2            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10A(N)  | 17:03 | 6.8      | Middle  | 2          | 2         | 23.02           | 8.30 | 33.75         | 92.3  | 6.52     | 2.1            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10A(N)  | 17:03 | 12.5     | Bottom  | 3          | 1         | 23.01           | 8.30 | 33.75         | 91.6  | 6.47     | 2.3            | 15.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10A(N)  | 17:03 | 12.5     | Bottom  | 3          | 2         | 23.01           | 8.30 | 33.74         | 91.6  | 6.47     | 2.2            | 16.5     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10B(N2) | 17:11 | 1.0      | Surface | 1          | 1         | 22.96           | 8.28 | 33.71         | 93.8  | 6.63     | 1.8            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10B(N2) | 17:12 | 1.0      | Surface | 1          | 2         | 22.95           | 8.28 | 33.71         | 94.6  | 6.69     | 1.7            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10B(N2) | 17:12 | 6.7      | Middle  | 2          | 1         | 22.96           | 8.28 | 33.71         | 93.4  | 6.60     | 2.0            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10B(N2) | 17:11 | 6.7      | Middle  | 2          | 2         | 22.96           | 8.28 | 33.70         | 92.4  | 6.53     | 1.9            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10B(N2) | 17:11 | 12.4     | Bottom  | 3          | 1         | 22.96           | 8.28 | 33.70         | 92.1  | 6.51     | 2.4            | 15.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | SR10B(N2) | 17:12 | 12.4     | Bottom  | 3          | 2         | 22.96           | 8.28 | 33.71         | 92.2  | 6.52     | 2.3            | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS2(A)    | 15:01 | 1.0      | Surface | 1          | 1         | 22.32           | 8.47 | 33.33         | 92.3  | 6.55     | 5.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS2(A)    | 15:01 | 1.0      | Surface | 1          | 2         | 22.33           | 8.43 | 33.33         | 92.5  | 6.57     | 5.0            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS2(A)    | 15:01 | 4.0      | Middle  | 2          | 1         | 22.35           | 8.43 | 33.33         | 92.1  | 6.54     | 5.3            | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS2(A)    | 15:00 | 4.0      | Middle  | 2          | 2         | 22.34           | 8.48 | 33.33         | 91.6  | 6.50     | 5.4            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS2(A)    | 15:01 | 7.0      | Bottom  | 3          | 1         | 22.35           | 8.44 | 33.33         | 91.5  | 6.49     | 5.7            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS2(A)    | 15:00 | 7.0      | Bottom  | 3          | 2         | 22.34           | 8.49 | 33.32         | 91.4  | 6.49     | 5.6            | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:51 | 1.0      | Surface | 1          | 1         | 22.91           | 8.08 | 29.85         | 93.1  | 6.71     | 3.6            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:50 | 1.0      | Surface | 1          | 2         | 23.03           | 8.07 | 29.87         | 103.6 | 7.49     | 3.5            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:50 | 6.2      | Middle  | 2          | 1         | 23.03           | 8.06 | 29.87         | 96.7  | 6.98     | 3.5            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:50 | 6.2      | Middle  | 2          | 2         | 23.03           | 8.08 | 30.00         | 92.1  | 6.64     | 3.4            | 10.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:50 | 11.3     | Bottom  | 3          | 1         | 23.03           | 8.07 | 29.96         | 91.6  | 6.63     | 3.6            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Ebb   | Sunny             | CS(Mf)5   | 16:50 | 11.3     | Bottom  | 3          | 2         | 23.00           | 8.06 | 29.63         | 95.1  | 6.87     | 3.5            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS5       | 11:37 | 1.0      | Surface | 1          | 1         | 21.90           | 8.02 | 29.26         | 99.6  | 7.37     | 6.9            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS5       | 11:38 | 1.0      | Surface | 1          | 2         | 21.91           | 8.04 | 29.30         | 94.8  | 7.01     | 6.7            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS5       | 11:37 | 4.5      | Middle  | 2          | 1         | 21.88           | 8.01 | 29.26         | 97.7  | 7.22     | 6.9            | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS5       | 11:38 | 4.5      | Middle  | 2          | 2         | 21.89           | 8.03 | 29.31         | 94.1  | 6.95     | 7.1            | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS5       | 11:37 | 8.0      | Bottom  | 3          | 1         | 21.85           | 8.01 | 29.26         | 96.2  | 7.11     | 6.8            | 18.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS5       | 11:37 | 8.0      | Bottom  | 3          | 2         | 21.87           | 8.03 | 29.33         | 93.9  | 6.94     | 7.1            | 18.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)6   | 11:26 | 1.0      | Surface | 1          | 1         | 22.02           | 8.04 | 29.15         | 99.2  | 7.32     | 8.7            | 17.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)6   | 11:26 | 1.0      | Surface | 1          | 2         | 22.02           | 8.05 | 29.27         | 102.0 | 7.53     | 8.5            | 16.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)6   | 11:25 | 2.1      | Bottom  | 3          | 1         | 21.99           | 8.05 | 29.11         | 98.0  | 7.23     | 8.7            | 20.5     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)6   | 11:26 | 2.1      | Bottom  | 3          | 2         | 22.01           | 8.04 | 29.23         | 96.1  | 7.09     | 8.6            | 20.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS7       | 11:15 | 1.0      | Surface | 1          | 1         | 21.96           | 8.05 | 29.16         | 98.2  | 7.25     | 7.4            | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS7       | 11:16 | 1.0      | Surface | 1          | 2         | 21.96           | 8.05 | 29.23         | 101.0 | 7.47     | 7.1            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS7       | 11:15 | 2.0      | Bottom  | 3          | 1         | 21.94           | 8.05 | 29.14         | 97.2  | 7.18     | 7.6            | 16.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS7       | 11:15 | 2.0      | Bottom  | 3          | 2         | 21.95           | 8.05 | 29.24         | 96.4  | 7.11     | 7.2            | 17.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS8       | 10:41 | 1.0      | Surface | 1          | 1         | 21.98           | 8.04 | 29.18         | 93.7  | 6.92     | 20.1           | 23.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS8       | 10:41 | 1.0      | Surface | 1          | 2         | 21.97           | 8.03 | 29.17         | 94.4  | 6.97     | 20.0           | 23.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS8       | 10:41 | 3.3      | Bottom  | 3          | 1         | 21.97           | 8.03 | 29.19         | 93.6  | 6.91     | 20.5           | 28.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS8       | 10:41 | 3.3      | Bottom  | 3          | 2         | 21.98           | 8.03 | 29.18         | 93.9  | 6.94     | 20.7           | 28.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)9   | 11:04 | 1.0      | Surface | 1          | 1         | 22.08           | 8.04 | 29.41         | 100.8 | 7.42     | 16.4           | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)9   | 11:04 | 1.0      | Surface | 1          | 2         | 22.08           | 8.04 | 29.34         | 103.7 | 7.64     | 16.8           | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)9   | 11:04 | 2.4      | Bottom  | 3          | 1         | 22.05           | 8.05 | 29.29         | 98.7  | 7.26     | 16.5           | 21.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS(Mf)9   | 11:04 | 2.4      | Bottom  | 3          | 2         | 22.08           | 8.04 | 29.39         | 96.7  | 7.12     | 16.2           | 22.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS10(N)   | 11:06 | 1.0      | Surface | 1          | 1         | 22.35           | 8.21 | 32.97         | 95.6  | 6.86     | 6.9            | 18.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS10(N)   | 11:07 | 1.0      | Surface | 1          | 2         | 22.34           | 8.22 | 32.97         | 95.2  | 6.83     | 7.0            | 18.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS10(N)   | 11:06 | 5.5      | Middle  | 2          | 1         | 22.32           | 8.21 | 32.98         | 94.9  | 6.81     | 7.1            | 17.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS10(N)   | 11:07 | 5.5      | Middle  | 2          | 2         | 22.32           | 8.22 | 32.98         | 94.2  | 6.76     | 7.1            | 17.8     |



## 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 | 2017-11-24        | Mid-Flood | Sunny             | IS10(N)   | 11:07 | 9.9      | Bottom  | 3          | 1         | 22.29           | 8.22 | 32.97         | 94.2  | 6.76     | 7.4            | 19.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | IS10(N)   | 11:06 | 9.9      | Bottom  | 3          | 2         | 22.29           | 8.20 | 32.97         | 94.1  | 6.75     | 7.5            | 20.6     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR3(N)    | 11:49 | 1.0      | Surface | 1          | 1         | 22.00           | 8.01 | 29.23         | 102.5 | 7.57     | 13.2           | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR3(N)    | 11:50 | 1.0      | Surface | 1          | 2         | 22.00           | 8.04 | 29.37         | 100.0 | 7.38     | 13.6           | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR3(N)    | 11:49 | 2.1      | Bottom  | 3          | 1         | 21.96           | 8.02 | 29.22         | 94.6  | 6.98     | 13.3           | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR3(N)    | 11:50 | 2.1      | Bottom  | 3          | 2         | 22.00           | 8.03 | 29.34         | 93.5  | 6.89     | 13.5           | 13.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR4(N)    | 10:50 | 1.0      | Surface | 1          | 1         | 22.24           | 8.05 | 29.53         | 97.5  | 7.15     | 13.3           | 20.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR4(N)    | 10:50 | 1.0      | Surface | 1          | 2         | 22.24           | 8.05 | 29.48         | 95.5  | 7.01     | 13.5           | 20.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR4(N)    | 10:50 | 2.5      | Bottom  | 3          | 1         | 22.25           | 8.05 | 29.54         | 93.3  | 6.84     | 13.3           | 22.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR4(N)    | 10:50 | 2.5      | Bottom  | 3          | 2         | 22.24           | 8.05 | 29.45         | 94.1  | 6.90     | 13.3           | 23.2     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR5(N)    | 11:20 | 1.0      | Surface | 1          | 1         | 22.76           | 8.23 | 33.24         | 93.0  | 6.61     | 8.1            | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR5(N)    | 11:20 | 1.0      | Surface | 1          | 2         | 22.76           | 8.22 | 33.25         | 92.5  | 6.58     | 8.2            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR5(N)    | 11:20 | 4.3      | Middle  | 2          | 1         | 22.75           | 8.22 | 33.25         | 92.4  | 6.57     | 8.5            | 12.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR5(N)    | 11:20 | 4.3      | Middle  | 2          | 2         | 22.75           | 8.23 | 33.24         | 91.7  | 6.52     | 8.4            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR5(N)    | 11:19 | 7.5      | Bottom  | 3          | 1         | 22.75           | 8.22 | 33.25         | 91.5  | 6.51     | 8.8            | 14.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR5(N)    | 11:20 | 7.5      | Bottom  | 3          | 2         | 22.75           | 8.23 | 33.24         | 91.6  | 6.51     | 8.6            | 15.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10A(N)  | 10:11 | 1.0      | Surface | 1          | 1         | 22.99           | 8.09 | 33.59         | 93.2  | 6.59     | 2.4            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10A(N)  | 10:10 | 1.0      | Surface | 1          | 2         | 22.98           | 8.06 | 33.59         | 94.1  | 6.65     | 2.3            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10A(N)  | 10:11 | 6.8      | Middle  | 2          | 1         | 22.99           | 8.08 | 33.59         | 91.4  | 6.46     | 2.6            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10A(N)  | 10:10 | 6.8      | Middle  | 2          | 2         | 22.99           | 8.04 | 33.59         | 92.5  | 6.54     | 2.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10A(N)  | 10:10 | 12.6     | Bottom  | 3          | 1         | 22.98           | 8.03 | 33.59         | 91.4  | 6.46     | 2.9            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10A(N)  | 10:11 | 12.6     | Bottom  | 3          | 2         | 22.99           | 8.07 | 33.59         | 91.3  | 6.46     | 2.8            | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10B(N2) | 9:57  | 1.0      | Surface | 1          | 1         | 22.98           | 7.78 | 33.66         | 91.3  | 6.45     | 3.1            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10B(N2) | 9:57  | 1.0      | Surface | 1          | 2         | 22.98           | 7.85 | 33.66         | 91.1  | 6.44     | 3.2            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10B(N2) | 9:57  | 4.1      | Middle  | 2          | 1         | 22.98           | 7.83 | 33.66         | 91.0  | 6.43     | 3.7            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10B(N2) | 9:56  | 4.1      | Middle  | 2          | 2         | 22.98           | 7.73 | 33.67         | 91.1  | 6.44     | 3.6            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10B(N2) | 9:57  | 7.1      | Bottom  | 3          | 1         | 22.98           | 7.80 | 33.67         | 91.0  | 6.43     | 4.0            | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | SR10B(N2) | 9:56  | 7.1      | Bottom  | 3          | 2         | 22.99           | 7.71 | 33.67         | 91.0  | 6.43     | 3.9            | 12.3     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS2(A)    | 12:18 | 1.0      | Surface | 1          | 1         | 21.70           | 8.29 | 33.24         | 98.4  | 7.13     | 10.9           | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS2(A)    | 12:17 | 1.0      | Surface | 1          | 2         | 21.70           | 8.29 | 33.23         | 98.5  | 7.14     | 10.8           | 15.1     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS2(A)    | 12:18 | 4.1      | Middle  | 2          | 1         | 21.69           | 8.29 | 33.24         | 98.2  | 7.12     | 10.9           | 17.7     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS2(A)    | 12:17 | 4.1      | Middle  | 2          | 2         | 21.68           | 8.29 | 33.24         | 98.2  | 7.12     | 11.0           | 18.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS2(A)    | 12:17 | 7.1      | Bottom  | 3          | 1         | 21.68           | 8.29 | 33.24         | 98.2  | 7.12     | 11.3           | 27.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS2(A)    | 12:17 | 7.1      | Bottom  | 3          | 2         | 21.67           | 8.29 | 33.23         | 98.2  | 7.12     | 11.5           | 27.8     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS(Mf)5   | 10:08 | 1.0      | Surface | 1          | 1         | 22.75           | 7.97 | 31.03         | 95.5  | 6.85     | 5.2            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS(Mf)5   | 10:09 | 1.0      | Surface | 1          | 2         | 22.77           | 7.99 | 30.72         | 89.3  | 6.43     | 5.5            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS(Mf)5   | 10:09 | 6.3      | Middle  | 2          | 1         | 22.84           | 7.99 | 30.84         | 89.1  | 6.43     | 7.5            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS(Mf)5   | 10:08 | 6.3      | Middle  | 2          | 2         | 22.85           | 7.94 | 31.30         | 92.0  | 6.60     | 7.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS(Mf)5   | 10:08 | 11.5     | Bottom  | 3          | 1         | 22.84           | 7.90 | 31.63         | 90.8  | 6.54     | 7.6            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-24        | Mid-Flood | Sunny             | CS(Mf)5   | 10:09 | 11.5     | Bottom  | 3          | 2         | 22.84           | 7.98 | 30.91         | 89.1  | 6.42     | 7.4            | 14.1     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS5       | 6:39  | 1.0      | Surface | 1          | 1         | 21.17           | 8.02 | 29.99         | 99.1  | 7.35     | 5.7            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS5       | 6:40  | 1.0      | Surface | 1          | 2         | 21.21           | 8.03 | 30.06         | 93.8  | 6.95     | 5.3            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS5       | 6:39  | 4.1      | Middle  | 2          | 1         | 21.24           | 8.02 | 30.09         | 96.5  | 7.18     | 5.5            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS5       | 6:40  | 4.1      | Middle  | 2          | 2         | 21.25           | 8.04 | 30.11         | 93.3  | 6.94     | 5.4            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS5       | 6:39  | 7.2      | Bottom  | 3          | 1         | 21.32           | 8.04 | 30.73         | 92.8  | 6.91     | 5.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS5       | 6:39  | 7.2      | Bottom  | 3          | 2         | 21.31           | 8.02 | 30.55         | 94.9  | 7.07     | 5.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 6:30  | 1.0      | Surface | 1          | 1         | 21.34           | 8.00 | 30.05         | 93.7  | 6.95     | 7.2            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 6:30  | 1.0      | Surface | 1          | 2         | 21.35           | 7.99 | 30.03         | 99.8  | 7.41     | 7.1            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 6:30  | 2.1      | Bottom  | 3          | 1         | 21.38           | 7.99 | 30.09         | 95.6  | 7.10     | 7.1            | 10.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 6:30  | 2.1      | Bottom  | 3          | 2         | 21.39           | 8.00 | 30.13         | 92.3  | 6.86     | 7.0            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS7       | 6:21  | 1.0      | Surface | 1          | 1         | 21.43           | 8.01 | 29.92         | 93.6  | 6.95     | 7.2            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | IS7       | 6:20  | 1.0      | Surface | 1          | 2         | 21.44           | 7.99 | 29.83         | 99.5  | 7.39     | 7.3            | 10.3     |

## 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 | 2017-11-27        | Mid-Ebb | Cloudy            | IS7       | 6:20 | 2.0      | Bottom  | 3          | 1         | 21.43           | 7.99 | 29.78         | 96.8  | 7.19     | 7.5            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS7       | 6:20 | 2.0      | Bottom  | 3          | 2         | 21.44           | 8.00 | 29.91         | 92.8  | 6.89     | 7.1            | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS8       | 5:46 | 1.0      | Surface | 1          | 1         | 21.83           | 8.01 | 30.02         | 102.0 | 7.51     | 11.1           | 22.0     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS8       | 5:45 | 1.0      | Surface | 1          | 2         | 21.84           | 8.00 | 29.92         | 98.8  | 7.29     | 10.6           | 23.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS8       | 5:45 | 3.0      | Bottom  | 3          | 1         | 21.91           | 8.00 | 29.99         | 97.0  | 7.14     | 10.5           | 24.0     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS8       | 5:45 | 3.0      | Bottom  | 3          | 2         | 21.85           | 8.00 | 30.08         | 95.3  | 7.02     | 10.9           | 25.1     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS(Mf)9   | 6:09 | 1.0      | Surface | 1          | 1         | 21.43           | 7.99 | 30.06         | 99.5  | 7.37     | 6.0            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS(Mf)9   | 6:09 | 1.0      | Surface | 1          | 2         | 21.44           | 8.00 | 30.06         | 94.4  | 7.00     | 6.3            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS(Mf)9   | 6:09 | 2.7      | Bottom  | 3          | 1         | 21.44           | 7.99 | 30.07         | 93.5  | 6.94     | 6.0            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS(Mf)9   | 6:09 | 2.7      | Bottom  | 3          | 2         | 21.47           | 7.98 | 30.07         | 96.0  | 7.12     | 6.2            | 12.8     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS10(N)   | 5:45 | 1.0      | Surface | 1          | 1         | 21.99           | 8.19 | 33.59         | 97.2  | 6.99     | 1.2            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS10(N)   | 5:45 | 1.0      | Surface | 1          | 2         | 21.99           | 8.17 | 33.59         | 97.4  | 7.01     | 1.1            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS10(N)   | 5:45 | 5.5      | Middle  | 2          | 1         | 21.99           | 8.16 | 33.59         | 94.7  | 6.81     | 1.3            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS10(N)   | 5:45 | 5.5      | Middle  | 2          | 2         | 21.99           | 8.18 | 33.59         | 95.8  | 6.89     | 1.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS10(N)   | 5:45 | 9.9      | Bottom  | 3          | 1         | 22.00           | 8.14 | 33.60         | 94.1  | 6.77     | 1.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | IS10(N)   | 5:45 | 9.9      | Bottom  | 3          | 2         | 22.00           | 8.18 | 33.60         | 94.4  | 6.79     | 1.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR3(N)    | 6:49 | 1.0      | Surface | 1          | 1         | 21.14           | 8.01 | 29.79         | 101.7 | 7.58     | 4.4            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR3(N)    | 6:50 | 1.0      | Surface | 1          | 2         | 21.18           | 8.01 | 29.92         | 95.6  | 7.13     | 4.5            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR3(N)    | 6:49 | 2.4      | Bottom  | 3          | 1         | 21.20           | 8.01 | 29.98         | 94.1  | 7.02     | 4.6            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR3(N)    | 6:49 | 2.4      | Bottom  | 3          | 2         | 21.21           | 8.02 | 29.94         | 97.6  | 7.29     | 4.5            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR4(N)    | 5:56 | 1.0      | Surface | 1          | 1         | 21.37           | 7.96 | 29.19         | 101.5 | 7.53     | 4.8            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR4(N)    | 5:55 | 1.0      | Surface | 1          | 2         | 21.67           | 7.97 | 29.37         | 99.2  | 7.36     | 5.0            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR4(N)    | 5:55 | 2.7      | Bottom  | 3          | 1         | 21.61           | 7.99 | 29.53         | 96.4  | 7.15     | 5.0            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR4(N)    | 5:56 | 2.7      | Bottom  | 3          | 2         | 21.67           | 7.96 | 29.54         | 93.6  | 6.99     | 5.0            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR5(N)    | 5:58 | 1.0      | Surface | 1          | 1         | 22.00           | 8.21 | 33.59         | 93.0  | 6.69     | 2.1            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR5(N)    | 5:59 | 1.0      | Surface | 1          | 2         | 22.00           | 8.22 | 33.59         | 93.1  | 6.70     | 2.2            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR5(N)    | 5:58 | 4.2      | Middle  | 2          | 1         | 22.01           | 8.21 | 33.59         | 92.7  | 6.67     | 2.5            | 11.3     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR5(N)    | 5:59 | 4.2      | Middle  | 2          | 2         | 22.00           | 8.21 | 33.59         | 93.0  | 6.69     | 2.4            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR5(N)    | 5:59 | 7.3      | Bottom  | 3          | 1         | 22.00           | 8.21 | 33.59         | 92.8  | 6.68     | 2.6            | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR5(N)    | 5:58 | 7.3      | Bottom  | 3          | 2         | 22.01           | 8.20 | 33.60         | 92.8  | 6.68     | 2.7            | 13.4     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10A(N)  | 4:46 | 1.0      | Surface | 1          | 1         | 22.41           | 8.19 | 33.86         | 93.2  | 6.65     | 1.0            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10A(N)  | 4:47 | 1.0      | Surface | 1          | 2         | 22.41           | 8.14 | 33.85         | 93.4  | 6.66     | 1.2            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10A(N)  | 4:46 | 7.1      | Middle  | 2          | 1         | 22.41           | 8.18 | 33.85         | 92.7  | 6.61     | 1.1            | 6.3      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10A(N)  | 4:47 | 7.1      | Middle  | 2          | 2         | 22.41           | 8.12 | 33.85         | 93.2  | 6.64     | 1.3            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10A(N)  | 4:46 | 13.1     | Bottom  | 3          | 1         | 22.41           | 8.16 | 33.85         | 92.6  | 6.61     | 1.3            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10A(N)  | 4:47 | 13.1     | Bottom  | 3          | 2         | 22.41           | 8.21 | 33.85         | 92.6  | 6.61     | 1.4            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10B(N2) | 4:37 | 1.0      | Surface | 1          | 1         | 22.40           | 8.18 | 33.85         | 98.0  | 6.99     | 1.3            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10B(N2) | 4:36 | 1.0      | Surface | 1          | 2         | 22.41           | 8.17 | 33.86         | 97.2  | 6.93     | 1.2            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10B(N2) | 4:36 | 3.9      | Middle  | 2          | 1         | 22.41           | 8.18 | 33.86         | 95.5  | 6.81     | 1.3            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10B(N2) | 4:36 | 3.9      | Middle  | 2          | 2         | 22.41           | 8.16 | 33.86         | 96.6  | 6.89     | 1.5            | 10.3     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10B(N2) | 4:36 | 6.8      | Bottom  | 3          | 1         | 22.41           | 8.14 | 33.86         | 95.2  | 6.79     | 1.7            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | SR10B(N2) | 4:36 | 6.8      | Bottom  | 3          | 2         | 22.41           | 8.14 | 33.86         | 94.7  | 6.76     | 1.8            | 9.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS2(A)    | 6:51 | 1.0      | Surface | 1          | 1         | 21.38           | 8.26 | 33.84         | 98.9  | 7.18     | 3.2            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS2(A)    | 6:51 | 1.0      | Surface | 1          | 2         | 21.38           | 8.27 | 33.84         | 99.2  | 7.19     | 3.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS2(A)    | 6:50 | 3.9      | Middle  | 2          | 1         | 21.41           | 8.25 | 33.85         | 98.6  | 7.16     | 3.4            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS2(A)    | 6:51 | 3.9      | Middle  | 2          | 2         | 21.38           | 8.27 | 33.84         | 98.7  | 7.17     | 3.4            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS2(A)    | 6:51 | 6.7      | Bottom  | 3          | 1         | 21.39           | 8.26 | 33.85         | 98.4  | 7.15     | 3.7            | 11.9     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS2(A)    | 6:50 | 6.7      | Bottom  | 3          | 2         | 21.42           | 8.25 | 33.87         | 98.3  | 7.14     | 3.6            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS(Mf)5   | 5:16 | 1.0      | Surface | 1          | 1         | 22.50           | 8.00 | 31.19         | 90.3  | 6.53     | 2.8            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS(Mf)5   | 5:15 | 1.0      | Surface | 1          | 2         | 22.49           | 7.98 | 31.58         | 94.0  | 6.75     | 2.7            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS(Mf)5   | 5:15 | 6.4      | Middle  | 2          | 1         | 22.51           | 7.97 | 31.77         | 91.6  | 6.60     | 2.7            | 8.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb | Cloudy            | CS(Mf)5   | 5:16 | 6.4      | Middle  | 2          | 2         | 22.51           | 8.00 | 31.27         | 90.3  | 6.52     | 2.8            | 8.7      |

## 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 | 2017-11-27        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 5:16  | 11.8     | Bottom  | 3          | 1         | 22.51           | 7.99 | 31.37         | 90.2  | 6.52     | 2.8            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 5:15  | 11.8     | Bottom  | 3          | 2         | 22.50           | 7.93 | 32.36         | 91.2  | 6.58     | 2.8            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS5       | 13:32 | 1.0      | Surface | 1          | 1         | 21.64           | 8.08 | 30.05         | 92.9  | 6.87     | 6.4            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS5       | 13:31 | 1.0      | Surface | 1          | 2         | 21.62           | 8.08 | 29.98         | 96.3  | 7.13     | 6.4            | 10.0     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS5       | 13:31 | 4.4      | Middle  | 2          | 1         | 21.58           | 8.09 | 30.11         | 94.6  | 6.99     | 6.4            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS5       | 13:32 | 4.4      | Middle  | 2          | 2         | 21.60           | 8.08 | 30.22         | 92.8  | 6.86     | 6.4            | 11.6     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS5       | 13:32 | 7.7      | Bottom  | 3          | 1         | 21.50           | 8.08 | 30.40         | 92.8  | 6.85     | 6.3            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS5       | 13:31 | 7.7      | Bottom  | 3          | 2         | 21.50           | 8.10 | 30.22         | 94.1  | 6.96     | 6.4            | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)6   | 13:42 | 1.0      | Surface | 1          | 1         | 21.85           | 8.07 | 29.83         | 97.6  | 7.23     | 7.2            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)6   | 13:42 | 1.0      | Surface | 1          | 2         | 21.94           | 8.08 | 29.86         | 95.5  | 7.06     | 7.2            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)6   | 13:41 | 2.1      | Bottom  | 3          | 1         | 21.55           | 8.08 | 29.92         | 96.2  | 7.10     | 7.1            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)6   | 13:42 | 2.1      | Bottom  | 3          | 2         | 21.70           | 8.08 | 29.88         | 95.2  | 7.00     | 7.1            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS7       | 13:53 | 1.0      | Surface | 1          | 1         | 21.82           | 8.07 | 29.81         | 94.2  | 6.95     | 9.0            | 15.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS7       | 13:52 | 1.0      | Surface | 1          | 2         | 21.79           | 8.07 | 29.70         | 97.7  | 7.22     | 8.7            | 15.1     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS7       | 13:52 | 2.1      | Bottom  | 3          | 1         | 21.79           | 8.08 | 29.71         | 95.4  | 7.04     | 9.8            | 15.9     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS7       | 13:53 | 2.1      | Bottom  | 3          | 2         | 21.80           | 8.07 | 29.80         | 93.6  | 6.90     | 9.7            | 15.9     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS8       | 14:22 | 1.0      | Surface | 1          | 1         | 22.12           | 8.08 | 29.92         | 97.3  | 7.14     | 5.5            | 12.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS8       | 14:24 | 1.0      | Surface | 1          | 2         | 22.34           | 8.09 | 29.91         | 97.6  | 7.15     | 5.5            | 13.1     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS8       | 14:23 | 3.2      | Bottom  | 3          | 1         | 22.11           | 8.09 | 30.03         | 96.2  | 7.03     | 5.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS8       | 14:22 | 3.2      | Bottom  | 3          | 2         | 22.11           | 8.08 | 29.95         | 95.6  | 7.01     | 5.5            | 12.0     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)9   | 14:02 | 1.0      | Surface | 1          | 1         | 21.91           | 8.06 | 29.83         | 96.4  | 7.10     | 10.4           | 16.8     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)9   | 14:02 | 1.0      | Surface | 1          | 2         | 21.93           | 8.07 | 29.88         | 98.1  | 7.24     | 10.3           | 15.5     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)9   | 14:02 | 2.7      | Bottom  | 3          | 1         | 21.76           | 8.07 | 29.82         | 95.0  | 7.00     | 10.5           | 17.9     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS(Mf)9   | 14:02 | 2.7      | Bottom  | 3          | 2         | 21.81           | 8.07 | 29.93         | 94.4  | 6.95     | 10.2           | 16.9     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS10(N)   | 14:11 | 1.0      | Surface | 1          | 1         | 22.29           | 8.37 | 33.69         | 92.5  | 6.62     | 4.1            | 8.1      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS10(N)   | 14:11 | 1.0      | Surface | 1          | 2         | 22.28           | 8.36 | 33.69         | 92.7  | 6.63     | 4.2            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS10(N)   | 14:11 | 5.5      | Middle  | 2          | 1         | 22.28           | 8.38 | 33.69         | 92.3  | 6.60     | 4.3            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS10(N)   | 14:11 | 5.5      | Middle  | 2          | 2         | 22.28           | 8.37 | 33.69         | 92.5  | 6.61     | 4.3            | 7.5      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS10(N)   | 14:11 | 9.9      | Bottom  | 3          | 1         | 22.28           | 8.37 | 33.69         | 92.2  | 6.59     | 4.6            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | IS10(N)   | 14:11 | 9.9      | Bottom  | 3          | 2         | 22.29           | 8.38 | 33.68         | 92.1  | 6.59     | 4.5            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR3(N)    | 13:22 | 1.0      | Surface | 1          | 1         | 21.54           | 8.15 | 28.08         | 95.1  | 7.14     | 6.3            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR3(N)    | 13:22 | 1.0      | Surface | 1          | 2         | 21.53           | 8.12 | 28.45         | 94.5  | 7.07     | 6.7            | 10.4     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR3(N)    | 13:22 | 2.5      | Bottom  | 3          | 1         | 21.53           | 8.13 | 28.28         | 94.2  | 7.04     | 6.6            | 13.5     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR3(N)    | 13:22 | 2.5      | Bottom  | 3          | 2         | 21.54           | 8.25 | 27.68         | 94.7  | 7.10     | 6.5            | 13.9     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR4(N)    | 14:15 | 1.0      | Surface | 1          | 1         | 22.16           | 8.07 | 29.85         | 99.8  | 7.32     | 7.6            | 12.7     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR4(N)    | 14:15 | 1.0      | Surface | 1          | 2         | 22.16           | 8.07 | 29.77         | 96.3  | 7.06     | 7.5            | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR4(N)    | 14:15 | 2.8      | Bottom  | 3          | 1         | 22.16           | 8.07 | 29.93         | 93.5  | 6.86     | 7.7            | 14.7     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR4(N)    | 14:15 | 2.8      | Bottom  | 3          | 2         | 22.12           | 8.08 | 29.72         | 94.6  | 6.93     | 7.5            | 13.0     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR5(N)    | 14:01 | 1.0      | Surface | 1          | 1         | 22.29           | 8.39 | 33.69         | 98.4  | 7.04     | 4.5            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR5(N)    | 14:01 | 1.0      | Surface | 1          | 2         | 22.29           | 8.41 | 33.68         | 96.9  | 6.93     | 4.4            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR5(N)    | 14:01 | 4.2      | Middle  | 2          | 1         | 22.29           | 8.40 | 33.69         | 96.0  | 6.87     | 4.8            | 7.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR5(N)    | 14:01 | 4.2      | Middle  | 2          | 2         | 22.28           | 8.41 | 33.68         | 94.6  | 6.77     | 4.7            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR5(N)    | 14:01 | 7.4      | Bottom  | 3          | 1         | 22.28           | 8.40 | 33.68         | 93.7  | 6.70     | 4.9            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR5(N)    | 14:00 | 7.4      | Bottom  | 3          | 2         | 22.28           | 8.40 | 33.66         | 93.6  | 6.69     | 4.9            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10A(N)  | 15:08 | 1.0      | Surface | 1          | 1         | 22.47           | 8.37 | 33.78         | 94.9  | 6.76     | 2.3            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10A(N)  | 15:08 | 1.0      | Surface | 1          | 2         | 22.47           | 8.36 | 33.78         | 96.6  | 6.88     | 2.3            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10A(N)  | 15:07 | 7.1      | Middle  | 2          | 1         | 22.47           | 8.36 | 33.77         | 93.1  | 6.63     | 2.5            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10A(N)  | 15:08 | 7.1      | Middle  | 2          | 2         | 22.47           | 8.36 | 33.77         | 93.9  | 6.69     | 2.6            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10A(N)  | 15:08 | 13.1     | Bottom  | 3          | 1         | 22.47           | 8.36 | 33.77         | 92.5  | 6.59     | 2.8            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10A(N)  | 15:07 | 13.1     | Bottom  | 3          | 2         | 22.47           | 8.36 | 33.77         | 92.3  | 6.58     | 2.7            | 9.1      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10B(N2) | 15:17 | 1.0      | Surface | 1          | 1         | 22.47           | 8.34 | 33.78         | 91.4  | 6.51     | 3.0            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10B(N2) | 15:17 | 1.0      | Surface | 1          | 2         | 22.47           | 8.35 | 33.78         | 91.5  | 6.52     | 3.1            | 5.9      |

## 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 | 2017-11-27        | Mid-Flood | Cloudy            | SR10B(N2) | 15:17 | 4        | Middle  | 2          | 1         | 22.47           | 8.35 | 33.77         | 91.4  | 6.51     | 3.2            | 4.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10B(N2) | 15:17 | 4        | Middle  | 2          | 2         | 22.46           | 8.34 | 33.78         | 91.2  | 6.50     | 3.2            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10B(N2) | 15:17 | 6.9      | Bottom  | 3          | 1         | 22.47           | 8.35 | 33.77         | 91.2  | 6.50     | 3.3            | 4.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | SR10B(N2) | 15:17 | 6.9      | Bottom  | 3          | 2         | 22.47           | 8.34 | 33.77         | 91.2  | 6.50     | 3.4            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS2(A)    | 13:06 | 1.0      | Surface | 1          | 1         | 21.46           | 8.52 | 33.79         | 100.2 | 7.27     | 4.3            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS2(A)    | 13:05 | 1.0      | Surface | 1          | 2         | 21.47           | 8.52 | 33.77         | 99.7  | 7.24     | 4.5            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS2(A)    | 13:05 | 3.9      | Middle  | 2          | 1         | 21.44           | 8.49 | 33.78         | 98.7  | 7.17     | 4.8            | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS2(A)    | 13:05 | 3.9      | Middle  | 2          | 2         | 21.41           | 8.53 | 33.78         | 99.7  | 7.23     | 4.9            | 11.4     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS2(A)    | 13:05 | 6.8      | Bottom  | 3          | 1         | 21.40           | 8.53 | 33.77         | 98.4  | 7.14     | 5.0            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS2(A)    | 13:05 | 6.8      | Bottom  | 3          | 2         | 21.41           | 8.39 | 33.77         | 98.4  | 7.14     | 5.1            | 11.2     |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS(Mf)5   | 14:50 | 1.0      | Surface | 1          | 1         | 22.55           | 8.08 | 30.52         | 94.6  | 6.86     | 5.4            | 4.5      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS(Mf)5   | 14:51 | 1.0      | Surface | 1          | 2         | 22.54           | 8.09 | 30.55         | 90.1  | 6.53     | 5.7            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS(Mf)5   | 14:50 | 6.5      | Middle  | 2          | 1         | 22.51           | 8.08 | 30.68         | 92.5  | 6.71     | 6.4            | 3.8      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS(Mf)5   | 14:51 | 6.5      | Middle  | 2          | 2         | 22.51           | 8.09 | 30.69         | 89.8  | 6.51     | 6.8            | 3.9      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS(Mf)5   | 14:50 | 12       | Bottom  | 3          | 1         | 22.51           | 8.08 | 30.75         | 91.7  | 6.65     | 6.4            | 5.0      |
| HKLR    | HY/2011/03 | 2017-11-27        | Mid-Flood | Cloudy            | CS(Mf)5   | 14:50 | 12       | Bottom  | 3          | 2         | 22.52           | 8.09 | 30.76         | 89.8  | 6.51     | 6.5            | 4.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS5       | 9:14  | 1.0      | Surface | 1          | 1         | 22.04           | 8.03 | 30.48         | 94.2  | 6.89     | 4.9            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS5       | 9:14  | 1.0      | Surface | 1          | 2         | 22.04           | 8.02 | 30.48         | 96.2  | 7.04     | 4.9            | 4.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS5       | 9:14  | 4.2      | Middle  | 2          | 1         | 22.02           | 8.03 | 30.56         | 94.1  | 6.88     | 4.8            | 4.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS5       | 9:14  | 4.2      | Middle  | 2          | 2         | 22.02           | 8.02 | 30.53         | 95.6  | 7.00     | 5.0            | 4.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS5       | 9:14  | 7.4      | Bottom  | 3          | 1         | 22.02           | 8.02 | 30.55         | 95.0  | 6.96     | 5.1            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS5       | 9:14  | 7.4      | Bottom  | 3          | 2         | 22.02           | 8.03 | 30.58         | 94.0  | 6.88     | 4.9            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:05  | 1.0      | Surface | 1          | 1         | 21.97           | 8.00 | 30.30         | 96.8  | 7.11     | 7.3            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:06  | 1.0      | Surface | 1          | 2         | 21.97           | 8.01 | 30.33         | 93.8  | 6.88     | 7.4            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:05  | 2.2      | Bottom  | 3          | 1         | 21.96           | 8.00 | 30.28         | 95.0  | 6.97     | 7.4            | 9.3      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)6   | 9:06  | 2.2      | Bottom  | 3          | 2         | 21.96           | 8.01 | 30.33         | 93.3  | 6.85     | 7.4            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS7       | 8:56  | 1.0      | Surface | 1          | 1         | 22.09           | 8.01 | 30.15         | 93.2  | 6.83     | 5.5            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS7       | 8:55  | 1.0      | Surface | 1          | 2         | 22.09           | 8.01 | 30.12         | 95.4  | 6.99     | 5.6            | 5.3      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS7       | 8:55  | 2.1      | Bottom  | 3          | 1         | 22.09           | 8.01 | 30.14         | 92.5  | 6.78     | 5.9            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS7       | 8:55  | 2.1      | Bottom  | 3          | 2         | 22.08           | 8.00 | 30.09         | 93.8  | 6.88     | 5.6            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS8       | 8:23  | 1.0      | Surface | 1          | 1         | 22.10           | 7.99 | 30.16         | 97.5  | 7.15     | 7.8            | 8.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS8       | 8:23  | 1.0      | Surface | 1          | 2         | 22.08           | 7.98 | 30.16         | 95.8  | 7.02     | 7.8            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS8       | 8:23  | 3.1      | Bottom  | 3          | 1         | 22.07           | 7.99 | 30.19         | 93.5  | 6.85     | 7.7            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS8       | 8:23  | 3.1      | Bottom  | 3          | 2         | 22.09           | 7.99 | 30.17         | 94.1  | 6.89     | 7.8            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 8:45  | 1.0      | Surface | 1          | 1         | 22.01           | 7.99 | 30.16         | 95.4  | 7.00     | 6.1            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 8:45  | 1.0      | Surface | 1          | 2         | 22.02           | 8.00 | 30.17         | 96.7  | 7.10     | 6.1            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 8:45  | 2.6      | Bottom  | 3          | 1         | 22.01           | 8.00 | 30.18         | 93.8  | 6.88     | 6.1            | 9.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS(Mf)9   | 8:44  | 2.6      | Bottom  | 3          | 2         | 22.02           | 7.99 | 30.15         | 94.5  | 6.93     | 5.9            | 7.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS10(N)   | 8:29  | 1.0      | Surface | 1          | 1         | 22.08           | 8.10 | 33.65         | 97.0  | 6.97     | 2.2            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS10(N)   | 8:29  | 1.0      | Surface | 1          | 2         | 22.06           | 8.09 | 33.65         | 96.4  | 6.92     | 2.1            | 5.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS10(N)   | 8:29  | 5.3      | Middle  | 2          | 1         | 22.05           | 8.08 | 33.65         | 96.0  | 6.89     | 2.5            | 3.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS10(N)   | 8:29  | 5.3      | Middle  | 2          | 2         | 22.06           | 8.10 | 33.65         | 96.4  | 6.92     | 2.4            | 4.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS10(N)   | 8:29  | 9.5      | Bottom  | 3          | 1         | 22.06           | 8.10 | 33.65         | 95.9  | 6.89     | 2.8            | 4.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | IS10(N)   | 8:28  | 9.5      | Bottom  | 3          | 2         | 22.05           | 8.07 | 33.65         | 95.8  | 6.88     | 2.7            | 4.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:24  | 1.0      | Surface | 1          | 1         | 22.06           | 8.01 | 30.33         | 98.0  | 7.18     | 7.5            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:25  | 1.0      | Surface | 1          | 2         | 22.07           | 8.02 | 30.39         | 95.4  | 6.99     | 7.3            | 6.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:24  | 2.5      | Bottom  | 3          | 1         | 22.05           | 8.03 | 30.26         | 96.3  | 7.05     | 7.6            | 9.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR3(N)    | 9:25  | 2.5      | Bottom  | 3          | 2         | 22.04           | 8.02 | 30.37         | 94.7  | 6.93     | 7.5            | 8.3      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:31  | 1.0      | Surface | 1          | 1         | 22.41           | 7.96 | 29.16         | 94.3  | 6.91     | 8.5            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:31  | 1.0      | Surface | 1          | 2         | 22.43           | 7.97 | 29.22         | 98.4  | 7.17     | 8.1            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:30  | 2.6      | Bottom  | 3          | 1         | 22.43           | 7.98 | 30.12         | 92.8  | 6.76     | 8.5            | 4.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR4(N)    | 8:31  | 2.6      | Bottom  | 3          | 2         | 22.45           | 7.96 | 30.11         | 91.3  | 6.69     | 8.3            | 4.7      |

## Water Quality Monitoring Data

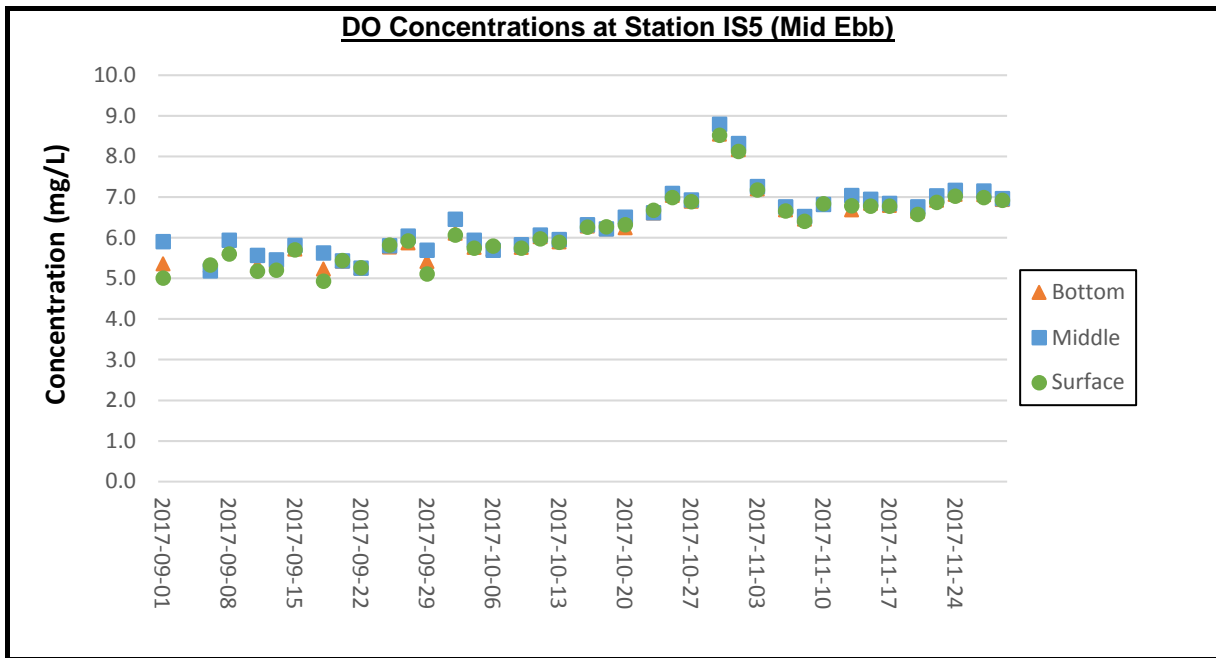
| Project | Works      | Date (yyyy-mm-dd) | Tide      | Weather Condition | Station   | Time  | Depth, m | Level   | Level_Code | Replicate | Temperature, °C | pH   | Salinity, ppt | DO, % | DO, mg/L | Turbidity, NTU | SS, mg/L |
|---------|------------|-------------------|-----------|-------------------|-----------|-------|----------|---------|------------|-----------|-----------------|------|---------------|-------|----------|----------------|----------|
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR5(N)    | 8:39  | 1.0      | Surface | 1          | 1         | 22.04           | 8.13 | 33.65         | 95.5  | 6.86     | 2.1            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR5(N)    | 8:39  | 1.0      | Surface | 1          | 2         | 22.05           | 8.13 | 33.65         | 95.6  | 6.87     | 1.9            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR5(N)    | 8:39  | 4.1      | Middle  | 2          | 1         | 22.04           | 8.13 | 33.65         | 95.5  | 6.86     | 2.4            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR5(N)    | 8:39  | 4.1      | Middle  | 2          | 2         | 22.04           | 8.12 | 33.65         | 95.5  | 6.86     | 2.2            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR5(N)    | 8:39  | 7.2      | Bottom  | 3          | 1         | 22.04           | 8.13 | 33.65         | 95.3  | 6.85     | 2.7            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR5(N)    | 8:39  | 7.2      | Bottom  | 3          | 2         | 22.04           | 8.12 | 33.65         | 95.3  | 6.85     | 2.5            | 8.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10A(N)  | 7:30  | 1.0      | Surface | 1          | 1         | 22.43           | 7.99 | 33.81         | 91.2  | 6.50     | 1.4            | 5.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10A(N)  | 7:30  | 1.0      | Surface | 1          | 2         | 22.43           | 7.96 | 33.81         | 91.1  | 6.50     | 1.2            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10A(N)  | 7:30  | 6.9      | Middle  | 2          | 1         | 22.43           | 7.99 | 33.81         | 91.0  | 6.49     | 1.6            | 4.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10A(N)  | 7:30  | 6.9      | Middle  | 2          | 2         | 22.43           | 7.95 | 33.81         | 90.8  | 6.47     | 1.5            | 4.3      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10A(N)  | 7:30  | 12.7     | Bottom  | 3          | 1         | 22.43           | 7.98 | 33.81         | 90.7  | 6.47     | 1.8            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10A(N)  | 7:30  | 12.7     | Bottom  | 3          | 2         | 22.43           | 7.94 | 33.81         | 90.7  | 6.47     | 1.7            | 5.3      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:22  | 1.0      | Surface | 1          | 1         | 22.44           | 8.01 | 33.78         | 96.6  | 6.89     | 1.9            | 5.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:22  | 1.0      | Surface | 1          | 2         | 22.43           | 8.09 | 33.81         | 95.0  | 6.77     | 1.8            | 5.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:21  | 3.7      | Middle  | 2          | 1         | 22.43           | 8.00 | 33.81         | 94.2  | 6.71     | 2.1            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:22  | 3.7      | Middle  | 2          | 2         | 22.43           | 8.17 | 33.81         | 93.0  | 6.63     | 2.0            | 6.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:22  | 6.4      | Bottom  | 3          | 1         | 22.43           | 8.15 | 33.81         | 92.7  | 6.61     | 2.2            | 6.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | SR10B(N2) | 7:21  | 6.4      | Bottom  | 3          | 2         | 22.43           | 8.13 | 33.82         | 92.2  | 6.58     | 2.3            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS2(A)    | 9:30  | 1.0      | Surface | 1          | 1         | 22.00           | 8.14 | 33.81         | 98.4  | 7.08     | 5.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS2(A)    | 9:31  | 1.0      | Surface | 1          | 2         | 22.07           | 8.14 | 33.80         | 98.1  | 7.04     | 5.4            | 6.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS2(A)    | 9:31  | 3.9      | Middle  | 2          | 1         | 22.01           | 8.14 | 33.81         | 97.9  | 7.03     | 5.6            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS2(A)    | 9:30  | 3.9      | Middle  | 2          | 2         | 21.94           | 8.14 | 33.81         | 97.7  | 7.02     | 5.4            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS2(A)    | 9:30  | 6.7      | Bottom  | 3          | 1         | 21.98           | 8.14 | 33.79         | 97.7  | 7.02     | 5.7            | 10.1     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS2(A)    | 9:30  | 6.7      | Bottom  | 3          | 2         | 21.94           | 8.13 | 33.80         | 97.5  | 7.01     | 5.9            | 9.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 7:55  | 1.0      | Surface | 1          | 1         | 22.44           | 7.95 | 31.54         | 90.5  | 6.50     | 3.0            | 4.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 7:55  | 1.0      | Surface | 1          | 2         | 22.43           | 7.97 | 31.07         | 88.6  | 6.42     | 2.8            | 4.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 7:55  | 6.2      | Middle  | 2          | 1         | 22.45           | 7.97 | 31.27         | 88.5  | 6.40     | 3.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 7:54  | 6.2      | Middle  | 2          | 2         | 22.45           | 7.95 | 31.82         | 89.3  | 6.45     | 3.1            | 3.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 7:54  | 11.3     | Bottom  | 3          | 1         | 22.45           | 7.93 | 32.39         | 89.4  | 6.45     | 3.2            | 5.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Ebb   | Cloudy            | CS(Mf)5   | 7:55  | 11.3     | Bottom  | 3          | 2         | 22.45           | 7.96 | 31.35         | 88.5  | 6.40     | 3.1            | 4.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS5       | 14:48 | 1.0      | Surface | 1          | 1         | 22.80           | 8.09 | 30.04         | 97.9  | 7.09     | 5.3            | 7.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS5       | 14:47 | 1.0      | Surface | 1          | 2         | 22.77           | 8.09 | 29.99         | 97.7  | 7.08     | 5.1            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS5       | 14:47 | 4.4      | Middle  | 2          | 1         | 22.68           | 8.09 | 30.17         | 97.4  | 7.06     | 5.4            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS5       | 14:47 | 4.4      | Middle  | 2          | 2         | 22.64           | 8.09 | 30.11         | 97.2  | 7.05     | 5.5            | 7.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS5       | 14:47 | 7.8      | Bottom  | 3          | 1         | 22.62           | 8.09 | 30.19         | 97.3  | 7.06     | 5.2            | 9.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS5       | 14:47 | 7.8      | Bottom  | 3          | 2         | 22.52           | 8.10 | 30.16         | 96.8  | 7.04     | 5.2            | 8.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)6   | 14:57 | 1.0      | Surface | 1          | 1         | 22.71           | 8.09 | 29.91         | 98.2  | 7.12     | 13.3           | 10.6     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)6   | 14:58 | 1.0      | Surface | 1          | 2         | 22.71           | 8.09 | 29.93         | 98.0  | 7.11     | 12.5           | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)6   | 14:57 | 2.1      | Bottom  | 3          | 1         | 22.70           | 8.09 | 29.92         | 98.1  | 7.12     | 13.2           | 12.1     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)6   | 14:57 | 2.1      | Bottom  | 3          | 2         | 22.70           | 8.09 | 29.94         | 98.2  | 7.12     | 13.3           | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS7       | 15:08 | 1.0      | Surface | 1          | 1         | 23.12           | 8.10 | 29.79         | 99.1  | 7.14     | 9.1            | 11.5     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS7       | 15:08 | 1.0      | Surface | 1          | 2         | 23.14           | 8.09 | 29.73         | 98.3  | 7.09     | 9.5            | 11.0     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS7       | 15:08 | 2.0      | Bottom  | 3          | 1         | 22.95           | 8.10 | 29.80         | 97.8  | 7.07     | 9.4            | 10.8     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS7       | 15:08 | 2.0      | Bottom  | 3          | 2         | 23.09           | 8.09 | 29.79         | 98.6  | 7.11     | 9.3            | 12.5     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS8       | 15:38 | 1.0      | Surface | 1          | 1         | 22.77           | 8.09 | 30.13         | 97.2  | 7.04     | 21.3           | 33.4     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS8       | 15:38 | 1.0      | Surface | 1          | 2         | 22.77           | 8.10 | 30.10         | 94.0  | 6.80     | 21.6           | 33.8     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS8       | 15:38 | 2.9      | Bottom  | 3          | 1         | 22.75           | 8.10 | 30.18         | 94.6  | 6.85     | 21.9           | 37.8     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS8       | 15:38 | 2.9      | Bottom  | 3          | 2         | 22.77           | 8.10 | 30.16         | 93.7  | 6.79     | 21.4           | 38.8     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:18 | 1.0      | Surface | 1          | 1         | 22.73           | 8.09 | 29.96         | 96.7  | 7.02     | 7.6            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:19 | 1.0      | Surface | 1          | 2         | 22.71           | 8.09 | 29.98         | 96.4  | 7.00     | 7.5            | 11.7     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:18 | 2.7      | Bottom  | 3          | 1         | 22.57           | 8.09 | 30.05         | 96.3  | 7.00     | 7.9            | 10.5     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS(Mf)9   | 15:18 | 2.7      | Bottom  | 3          | 2         | 22.48           | 8.08 | 30.09         | 96.6  | 7.03     | 7.9            | 10.6     |

## 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 | 2017-11-29        | Mid-Flood | Cloudy            | IS10(N)   | 15:27 | 1.0      | Surface | 1          | 1         | 22.22           | 8.17 | 33.48         | 98.5  | 7.05     | 4.1            | 4.4      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS10(N)   | 15:27 | 1.0      | Surface | 1          | 2         | 22.36           | 8.17 | 33.41         | 98.6  | 7.07     | 4.2            | 3.8      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS10(N)   | 15:27 | 5.4      | Middle  | 2          | 1         | 22.14           | 8.17 | 33.52         | 98.1  | 7.04     | 4.4            | 5.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS10(N)   | 15:27 | 5.4      | Middle  | 2          | 2         | 22.16           | 8.17 | 33.51         | 98.2  | 7.04     | 4.4            | 4.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS10(N)   | 15:27 | 9.7      | Bottom  | 3          | 1         | 22.25           | 8.17 | 33.45         | 97.8  | 7.02     | 4.6            | 6.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | IS10(N)   | 15:27 | 9.7      | Bottom  | 3          | 2         | 22.20           | 8.17 | 33.48         | 97.9  | 7.02     | 4.7            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR3(N)    | 14:37 | 1.0      | Surface | 1          | 1         | 22.60           | 8.13 | 28.43         | 96.3  | 7.06     | 5.7            | 8.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR3(N)    | 14:36 | 1.0      | Surface | 1          | 2         | 22.60           | 8.19 | 27.94         | 95.8  | 7.04     | 5.8            | 9.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR3(N)    | 14:37 | 2.6      | Bottom  | 3          | 1         | 22.57           | 8.14 | 28.29         | 96.1  | 7.06     | 5.9            | 9.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR3(N)    | 14:36 | 2.6      | Bottom  | 3          | 2         | 22.57           | 8.31 | 27.48         | 95.0  | 7.01     | 5.8            | 9.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR4(N)    | 15:30 | 1.0      | Surface | 1          | 1         | 22.64           | 8.08 | 30.01         | 96.9  | 7.04     | 12.3           | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR4(N)    | 15:31 | 1.0      | Surface | 1          | 2         | 22.64           | 8.08 | 30.07         | 93.5  | 6.79     | 12.0           | 12.9     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR4(N)    | 15:31 | 2.7      | Bottom  | 3          | 1         | 22.65           | 8.08 | 30.09         | 93.0  | 6.75     | 12.3           | 19.1     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR4(N)    | 15:30 | 2.7      | Bottom  | 3          | 2         | 22.63           | 8.09 | 29.97         | 95.1  | 6.91     | 12.5           | 18.2     |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR5(N)    | 15:17 | 1.0      | Surface | 1          | 1         | 22.30           | 8.18 | 33.41         | 98.0  | 7.02     | 5.1            | 4.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR5(N)    | 15:17 | 1.0      | Surface | 1          | 2         | 22.28           | 8.18 | 33.46         | 97.8  | 7.01     | 4.8            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR5(N)    | 15:17 | 4.1      | Middle  | 2          | 1         | 22.17           | 8.19 | 33.54         | 97.5  | 7.00     | 5.5            | 6.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR5(N)    | 15:17 | 4.1      | Middle  | 2          | 2         | 22.20           | 8.18 | 33.50         | 97.7  | 7.01     | 5.4            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR5(N)    | 15:16 | 7.2      | Bottom  | 3          | 1         | 22.18           | 8.18 | 33.54         | 97.3  | 6.98     | 5.8            | 5.7      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR5(N)    | 15:17 | 7.2      | Bottom  | 3          | 2         | 22.20           | 8.18 | 33.51         | 97.3  | 6.98     | 5.7            | 5.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10A(N)  | 16:44 | 1.0      | Surface | 1          | 1         | 22.51           | 8.19 | 33.75         | 92.8  | 6.61     | 2.1            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10A(N)  | 16:43 | 1.0      | Surface | 1          | 2         | 22.52           | 8.21 | 33.75         | 92.0  | 6.55     | 2.2            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10A(N)  | 16:44 | 7        | Middle  | 2          | 1         | 22.51           | 8.19 | 33.75         | 91.5  | 6.51     | 2.4            | 7.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10A(N)  | 16:43 | 7        | Middle  | 2          | 2         | 22.52           | 8.21 | 33.75         | 90.5  | 6.45     | 2.5            | 8.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10A(N)  | 16:43 | 12.9     | Bottom  | 3          | 1         | 22.52           | 8.21 | 33.74         | 90.3  | 6.43     | 2.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10A(N)  | 16:43 | 12.9     | Bottom  | 3          | 2         | 22.51           | 8.20 | 33.75         | 90.2  | 6.43     | 2.7            | 8.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10B(N2) | 16:52 | 1.0      | Surface | 1          | 1         | 22.51           | 8.16 | 33.75         | 89.6  | 6.38     | 2.2            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10B(N2) | 16:52 | 1.0      | Surface | 1          | 2         | 22.51           | 8.17 | 33.75         | 89.6  | 6.38     | 2.3            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10B(N2) | 16:51 | 3.8      | Middle  | 2          | 1         | 22.51           | 8.17 | 33.75         | 89.4  | 6.37     | 2.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10B(N2) | 16:52 | 3.8      | Middle  | 2          | 2         | 22.51           | 8.16 | 33.75         | 89.6  | 6.38     | 2.6            | 7.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10B(N2) | 16:51 | 6.5      | Bottom  | 3          | 1         | 22.51           | 8.17 | 33.75         | 89.4  | 6.36     | 2.9            | 7.9      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | SR10B(N2) | 16:52 | 6.5      | Bottom  | 3          | 2         | 22.51           | 8.16 | 33.75         | 89.4  | 6.37     | 2.8            | 8.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS2(A)    | 14:19 | 1.0      | Surface | 1          | 1         | 22.54           | 8.18 | 31.44         | 100.1 | 7.22     | 2.1            | 4.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS2(A)    | 14:19 | 1.0      | Surface | 1          | 2         | 22.37           | 8.17 | 31.94         | 99.7  | 7.19     | 2.3            | 4.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS2(A)    | 14:19 | 3.9      | Middle  | 2          | 1         | 22.36           | 8.18 | 31.88         | 99.6  | 7.14     | 2.4            | 7.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS2(A)    | 14:19 | 3.9      | Middle  | 2          | 2         | 22.16           | 8.17 | 32.83         | 99.2  | 7.15     | 2.6            | 5.3      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS2(A)    | 14:18 | 6.7      | Bottom  | 3          | 1         | 22.21           | 8.12 | 32.87         | 98.0  | 7.06     | 2.9            | 6.1      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS2(A)    | 14:19 | 6.7      | Bottom  | 3          | 2         | 22.30           | 8.17 | 33.20         | 99.0  | 7.15     | 2.8            | 5.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:06 | 1.0      | Surface | 1          | 1         | 22.42           | 8.10 | 30.34         | 91.3  | 6.64     | 4.1            | 3.2      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:06 | 1.0      | Surface | 1          | 2         | 22.52           | 8.10 | 30.18         | 93.2  | 6.80     | 4.1            | 4.3      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:06 | 6.3      | Middle  | 2          | 1         | 22.31           | 8.09 | 30.25         | 92.3  | 6.71     | 6.6            | 3.0      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:06 | 6.3      | Middle  | 2          | 2         | 22.31           | 8.10 | 30.45         | 91.2  | 6.64     | 6.8            | 4.6      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:05 | 11.5     | Bottom  | 3          | 1         | 22.31           | 8.10 | 30.23         | 92.1  | 6.72     | 6.5            | 6.5      |
| HKLR    | HY/2011/03 | 2017-11-29        | Mid-Flood | Cloudy            | CS(Mf)5   | 16:06 | 11.5     | Bottom  | 3          | 2         | 22.32           | 8.10 | 30.43         | 91.0  | 6.63     | 6.4            | 4.9      |

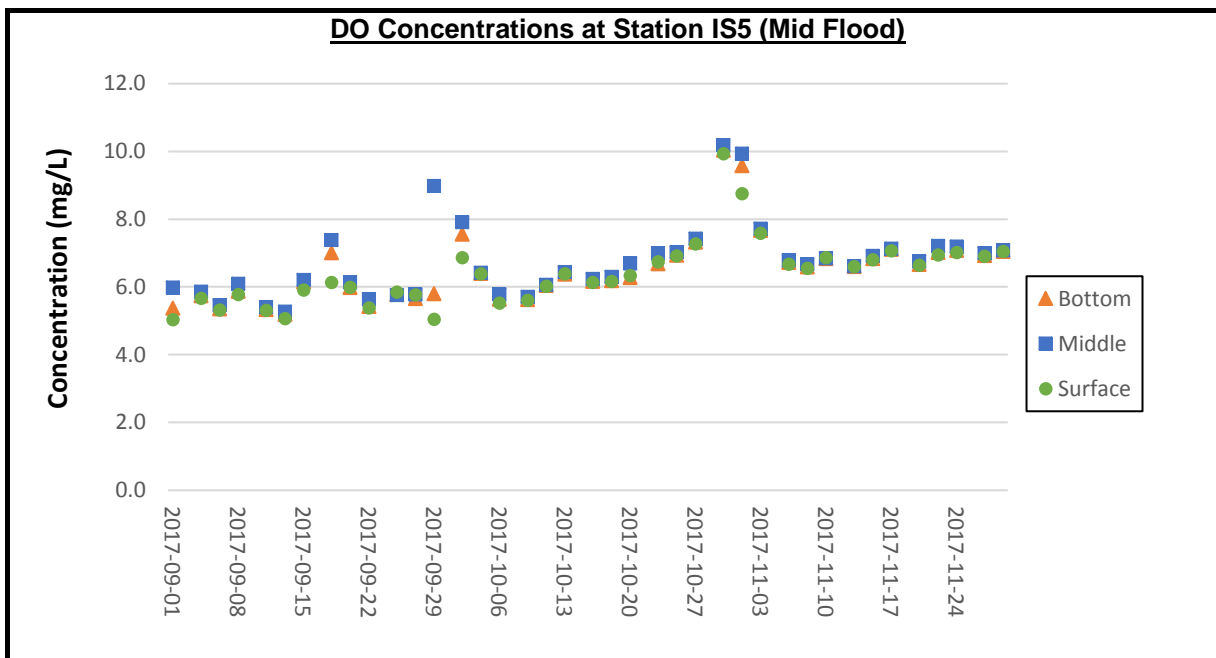
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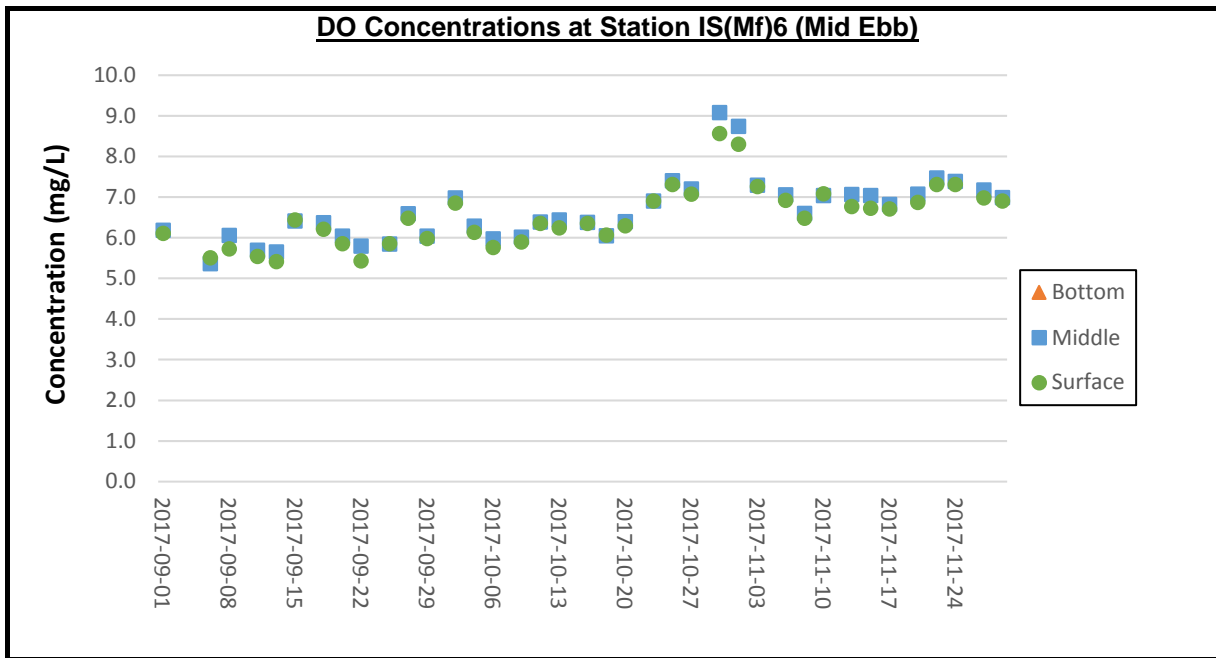
1) Due to the hoisting of Strong Wind Signal and Typhoon Signal No. 3 by the Hong Kong Observatory, the water quality monitoring at mid-ebb tide was cancelled on 4 September 2017. No substitute monitoring was conducted due to boat unavailability.



Remark:

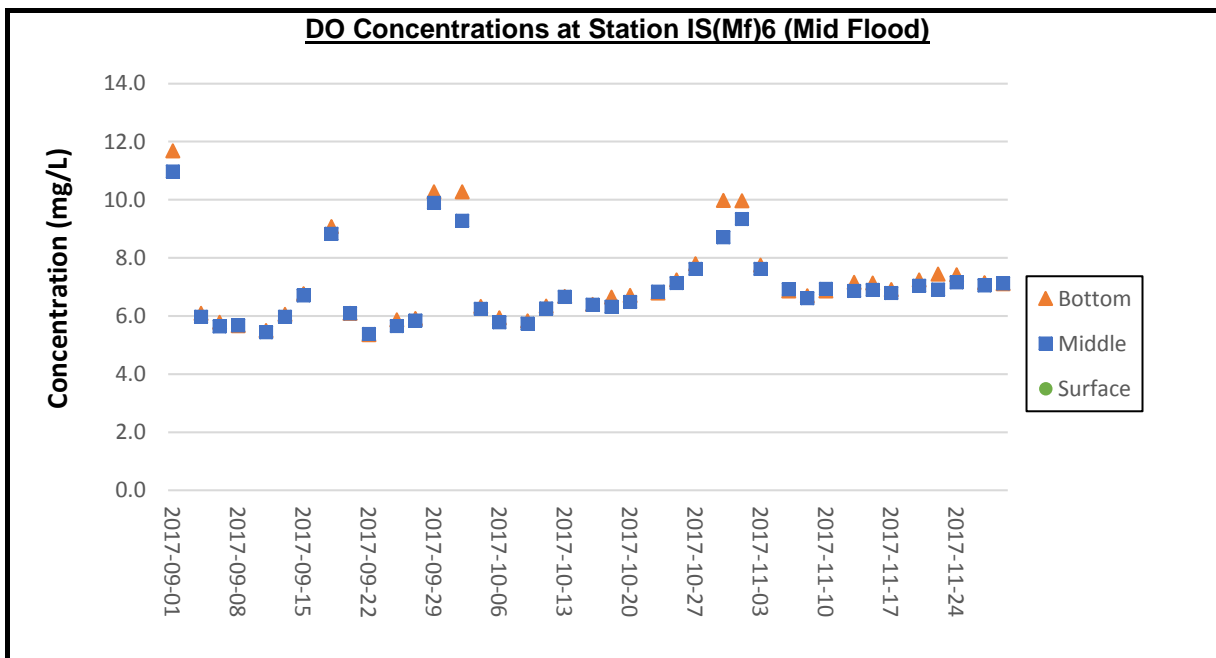
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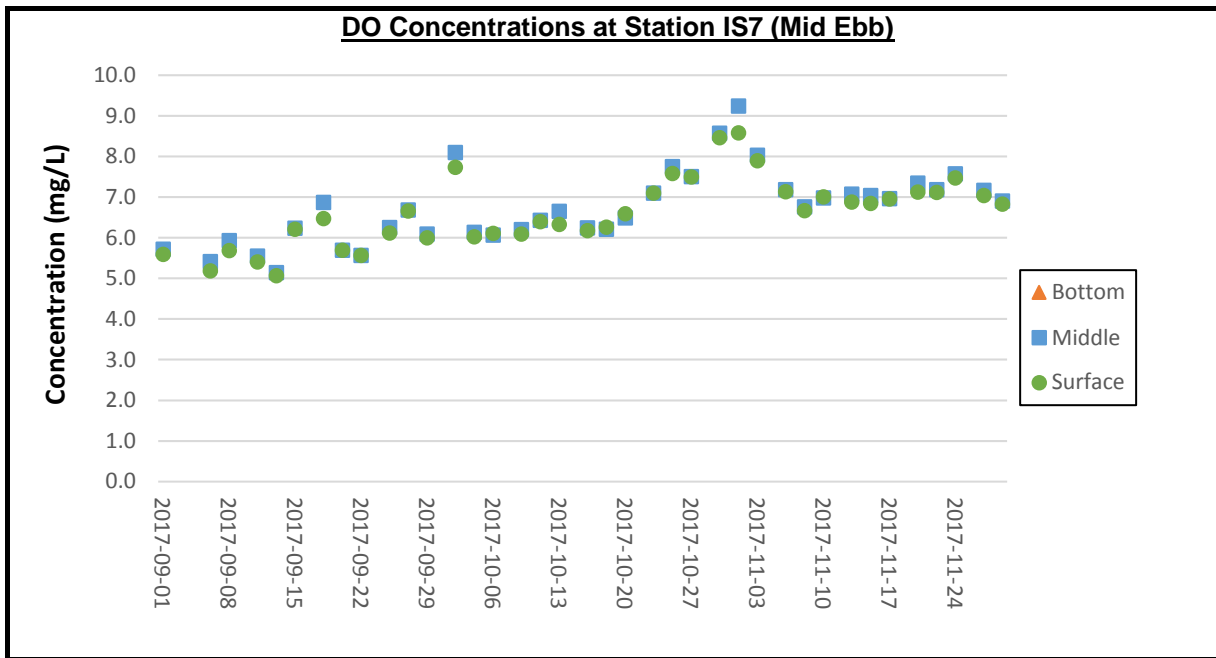


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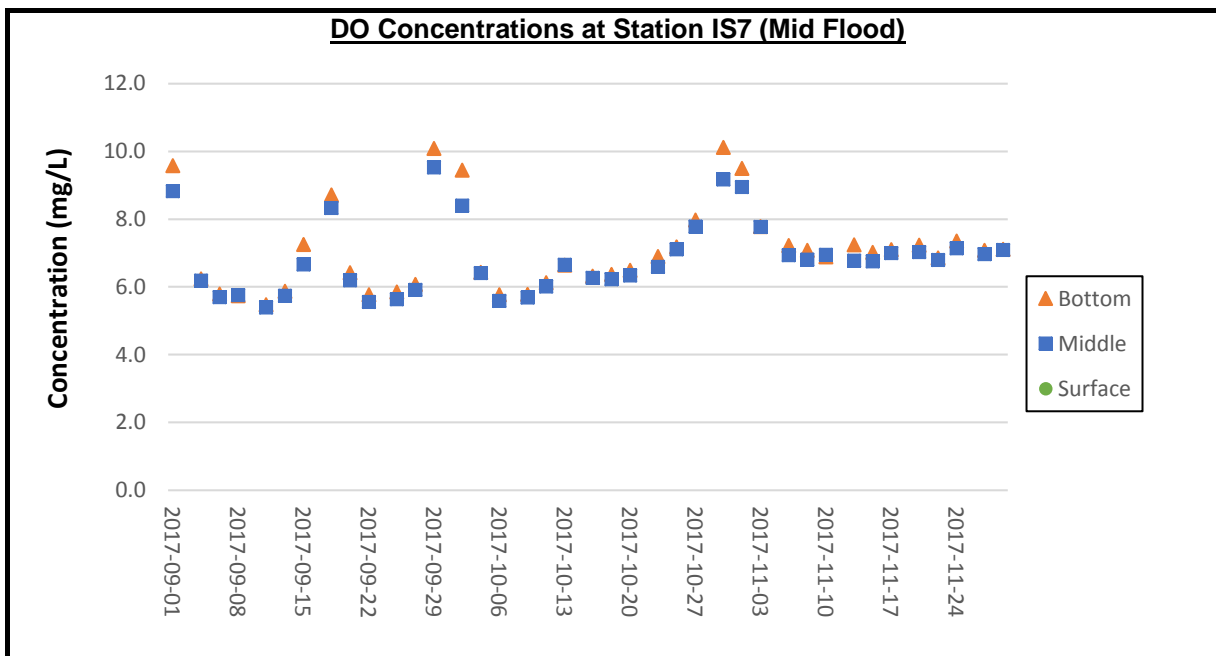


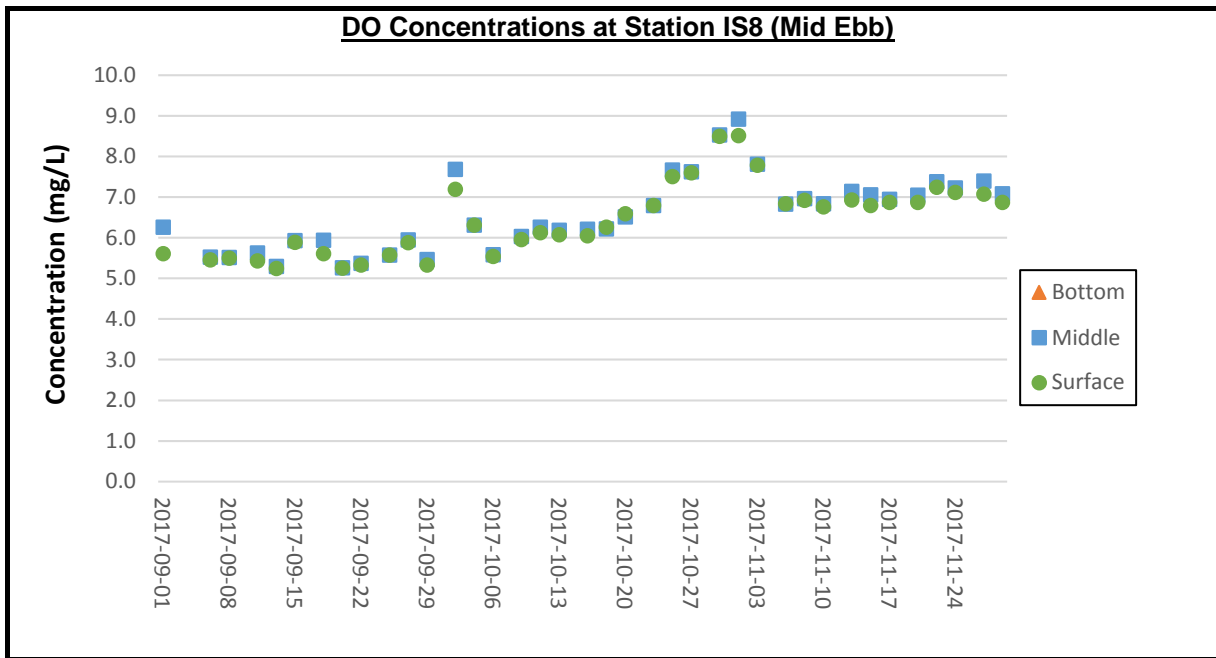




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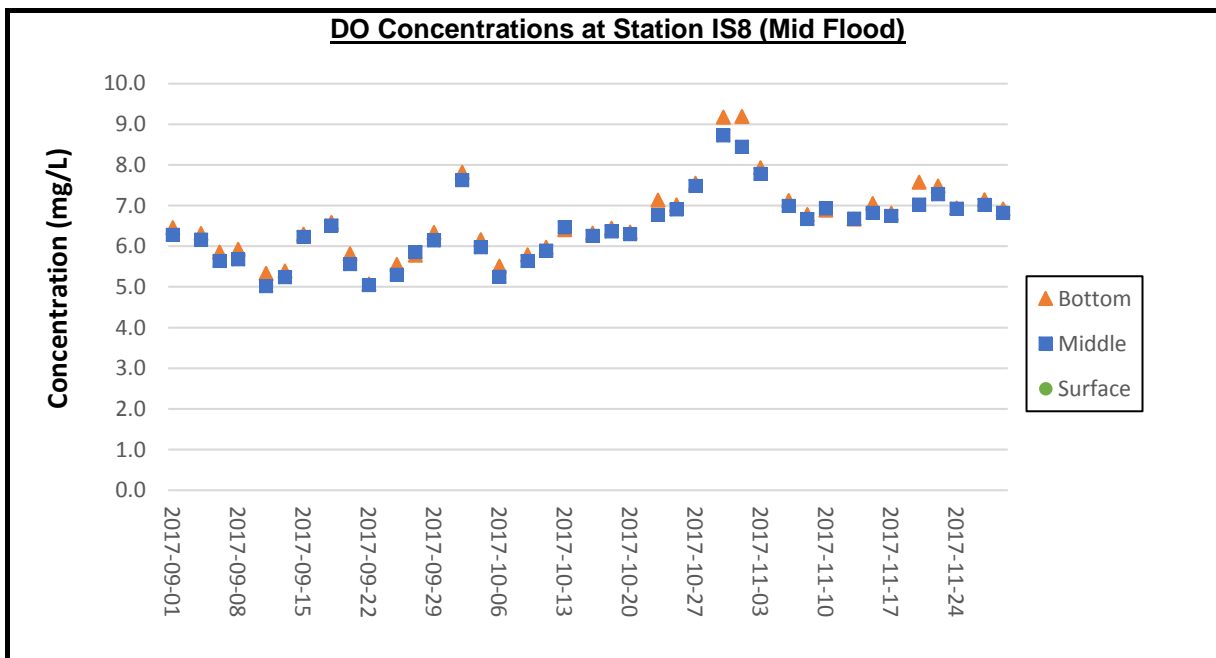
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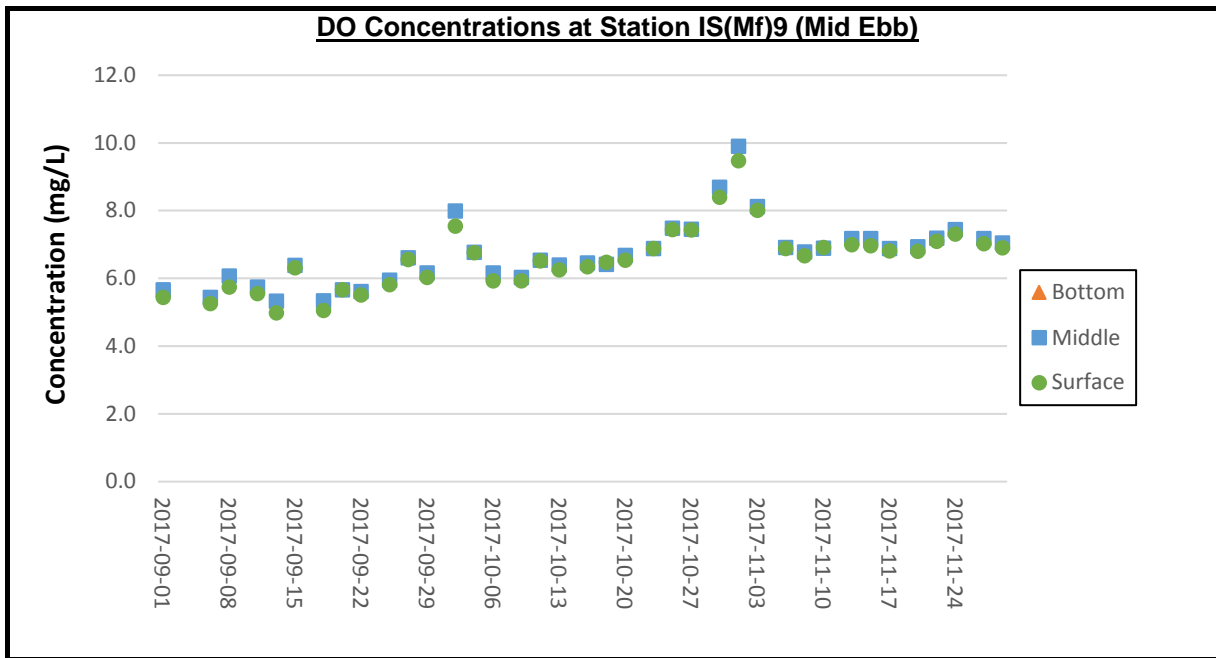




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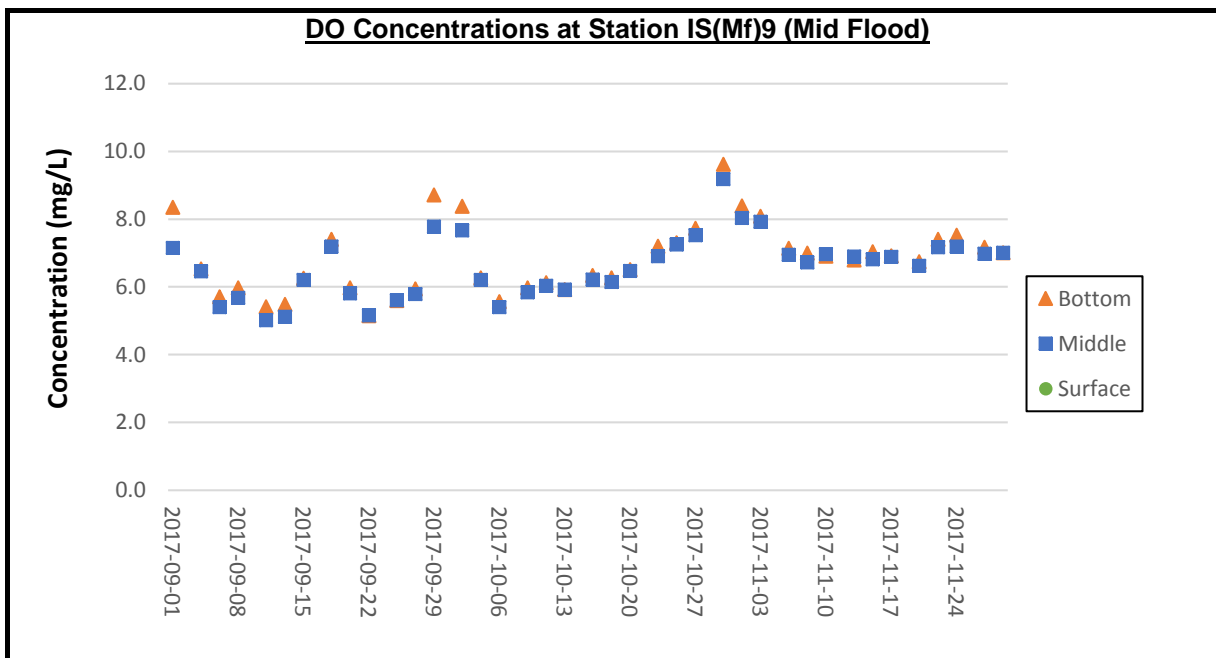
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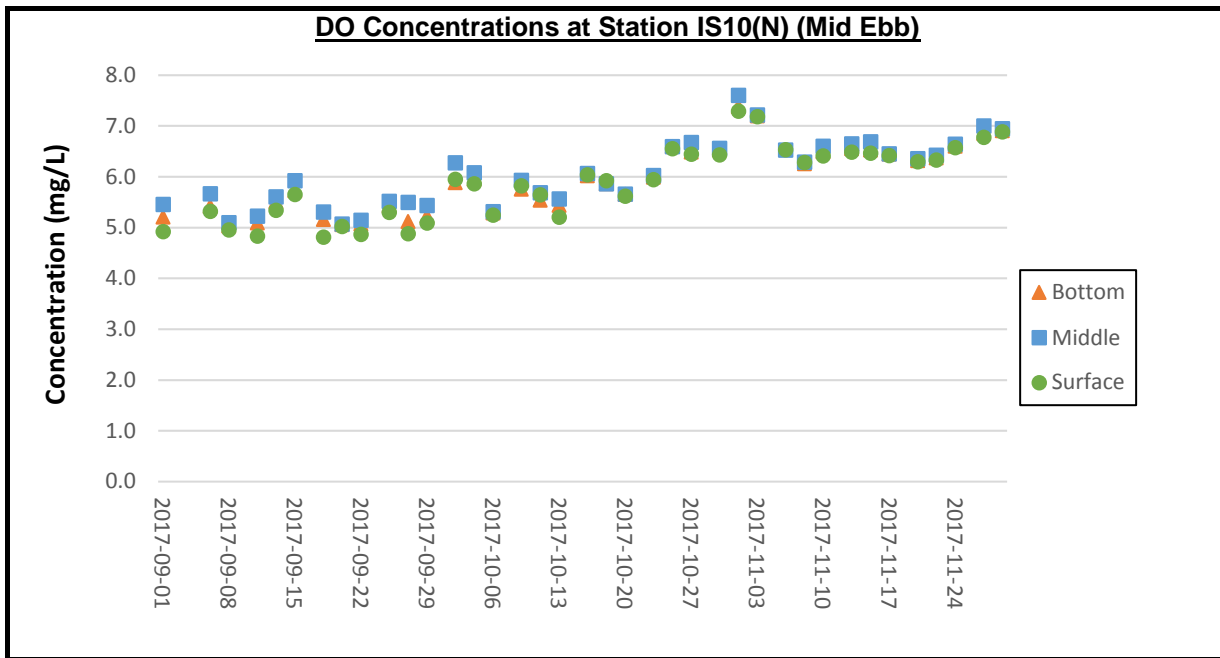




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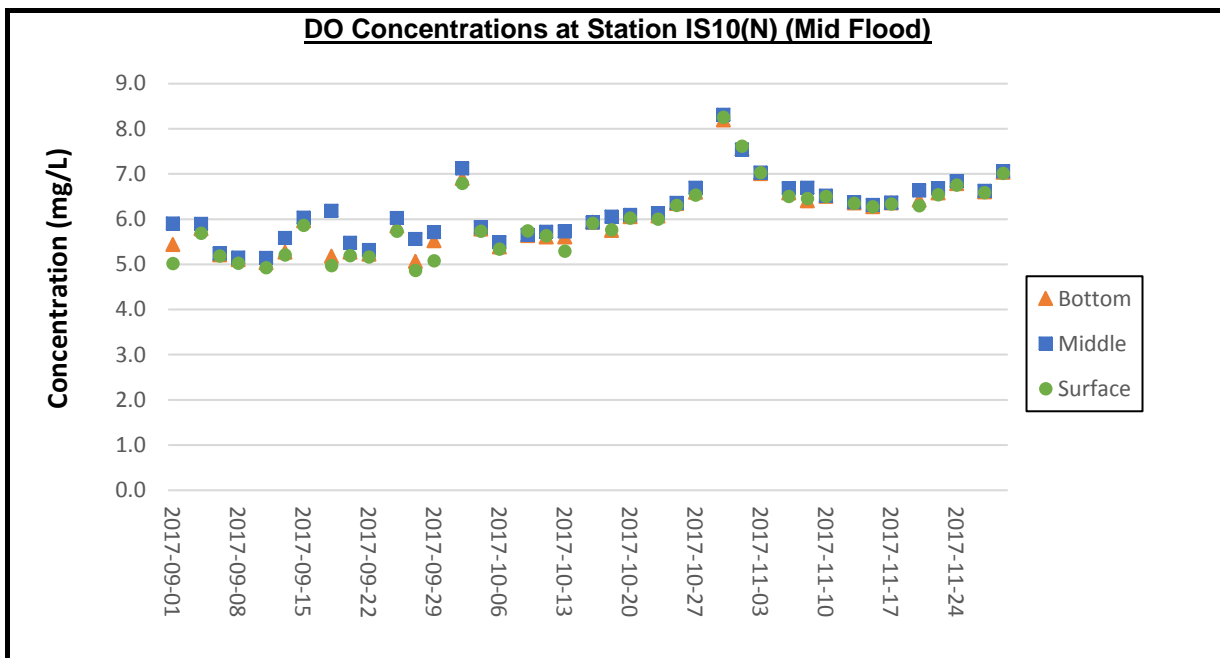
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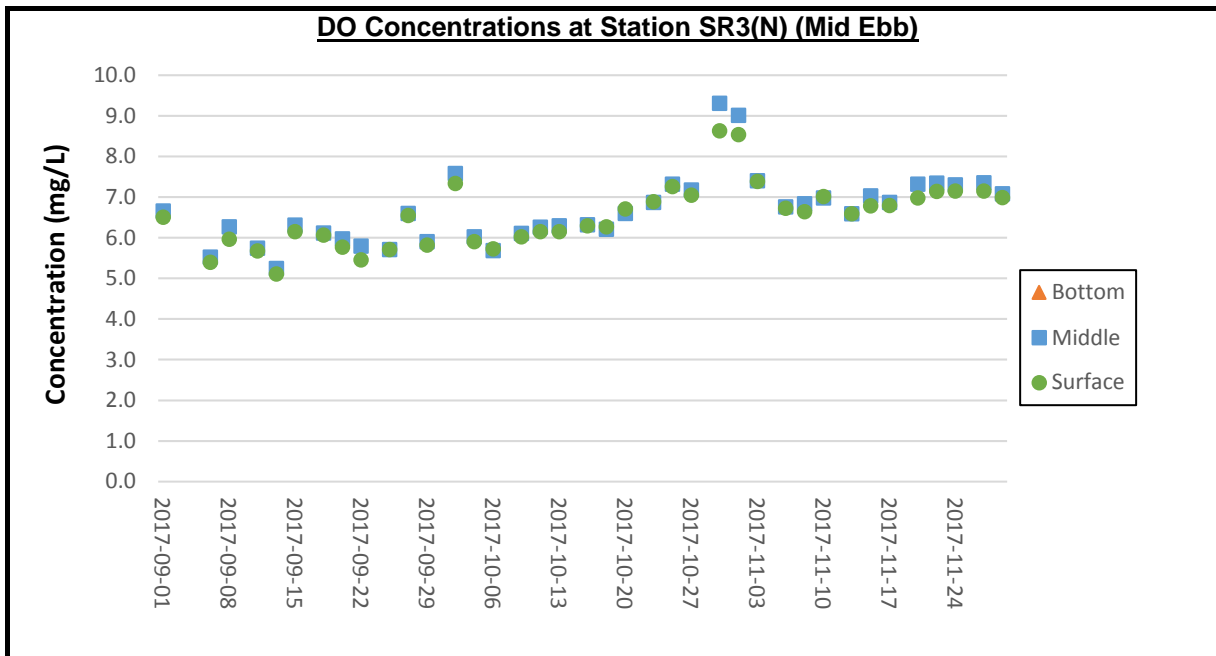




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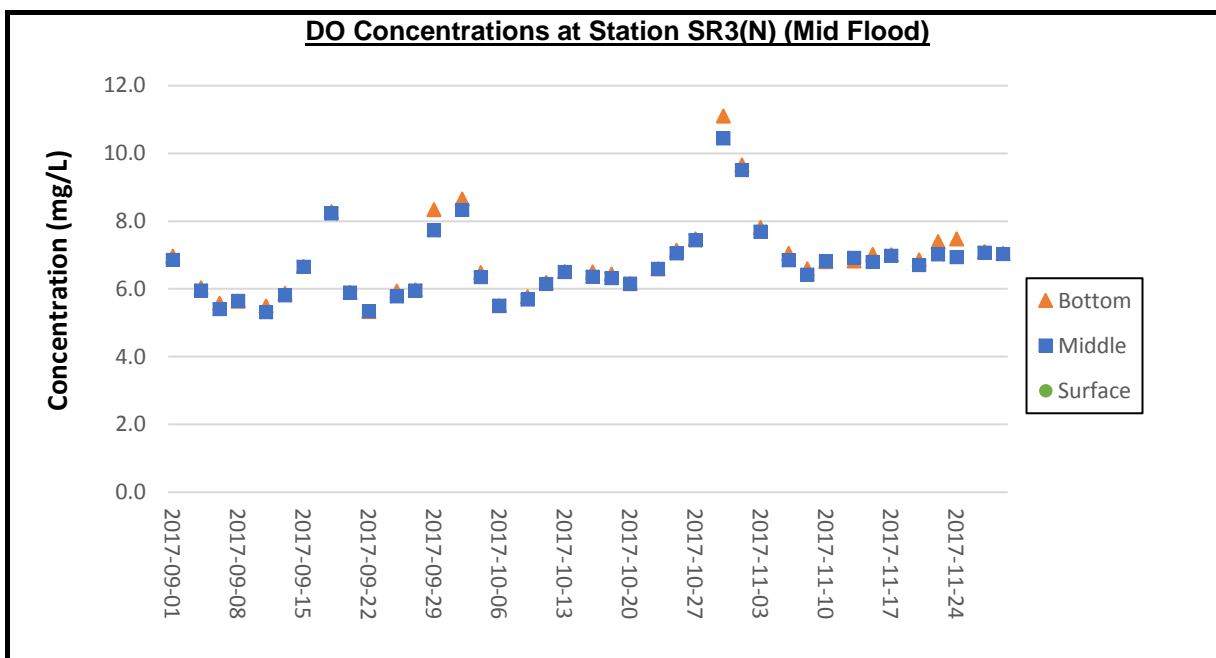
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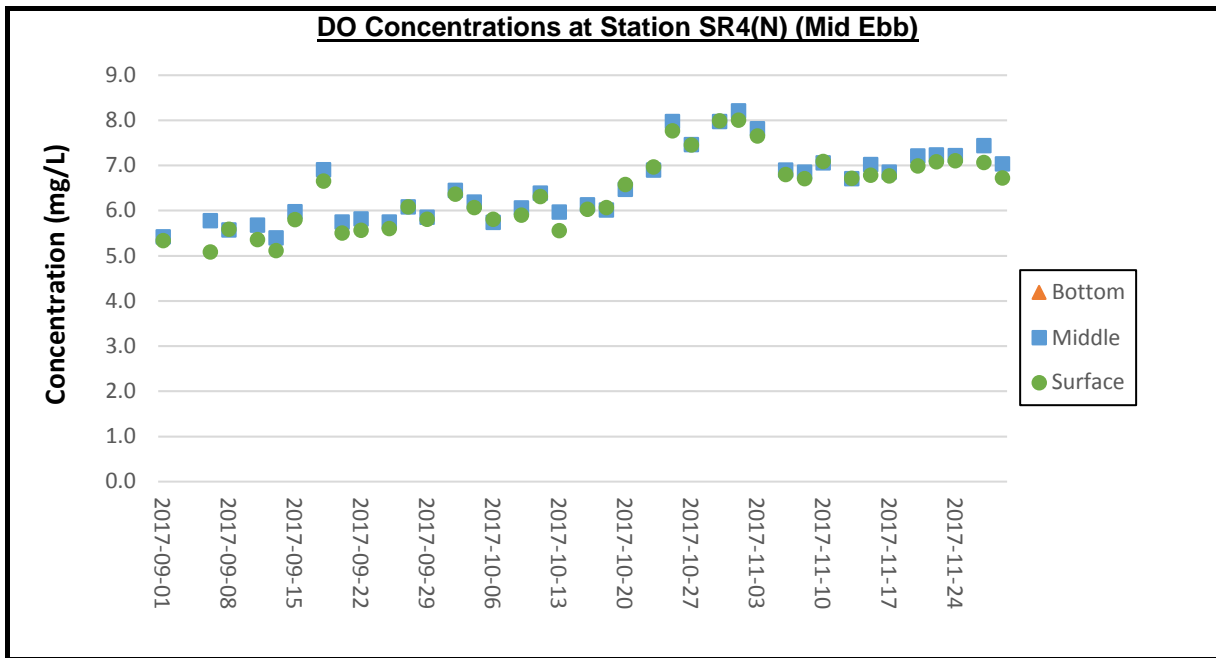




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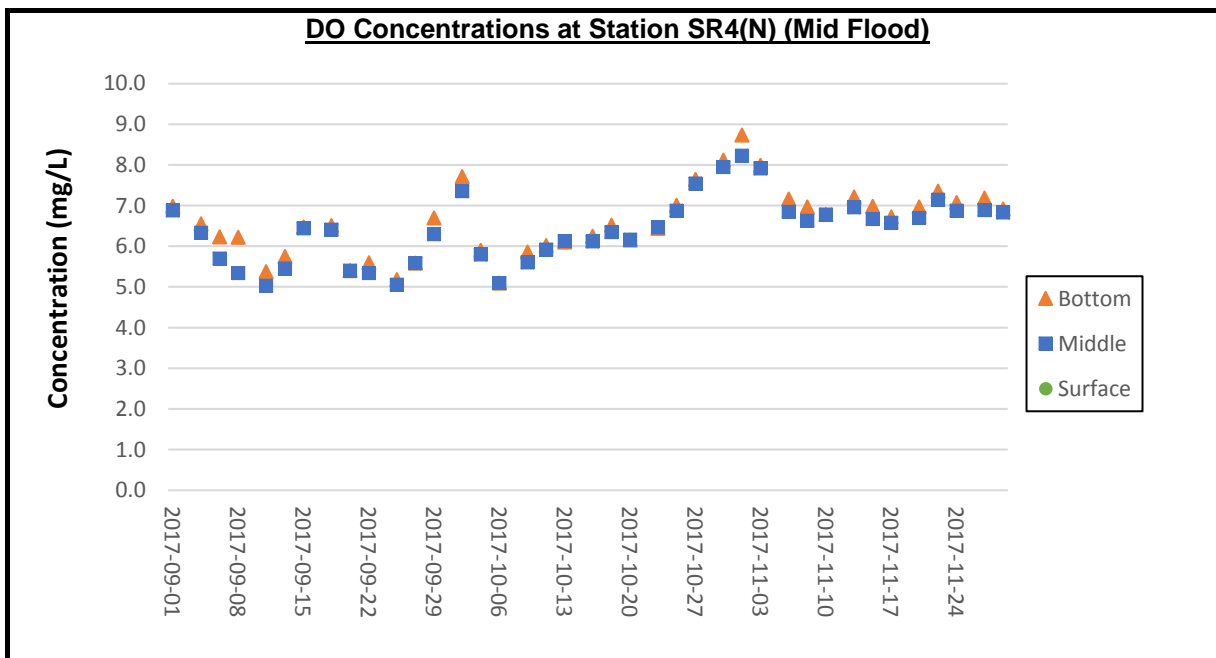
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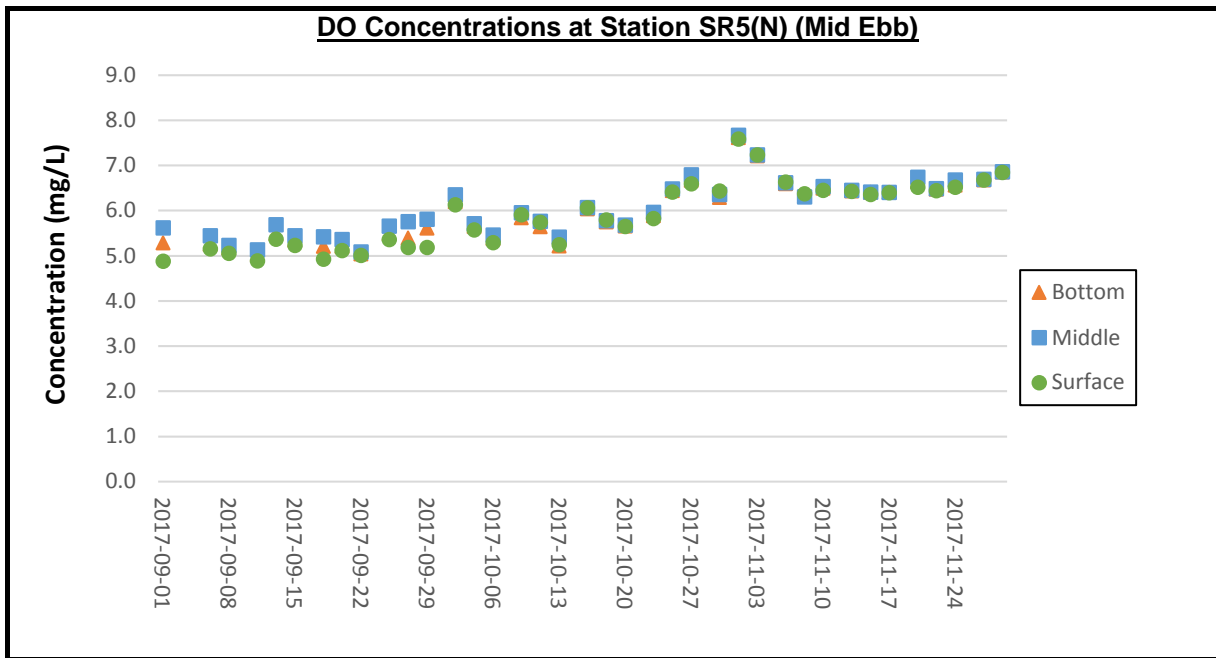




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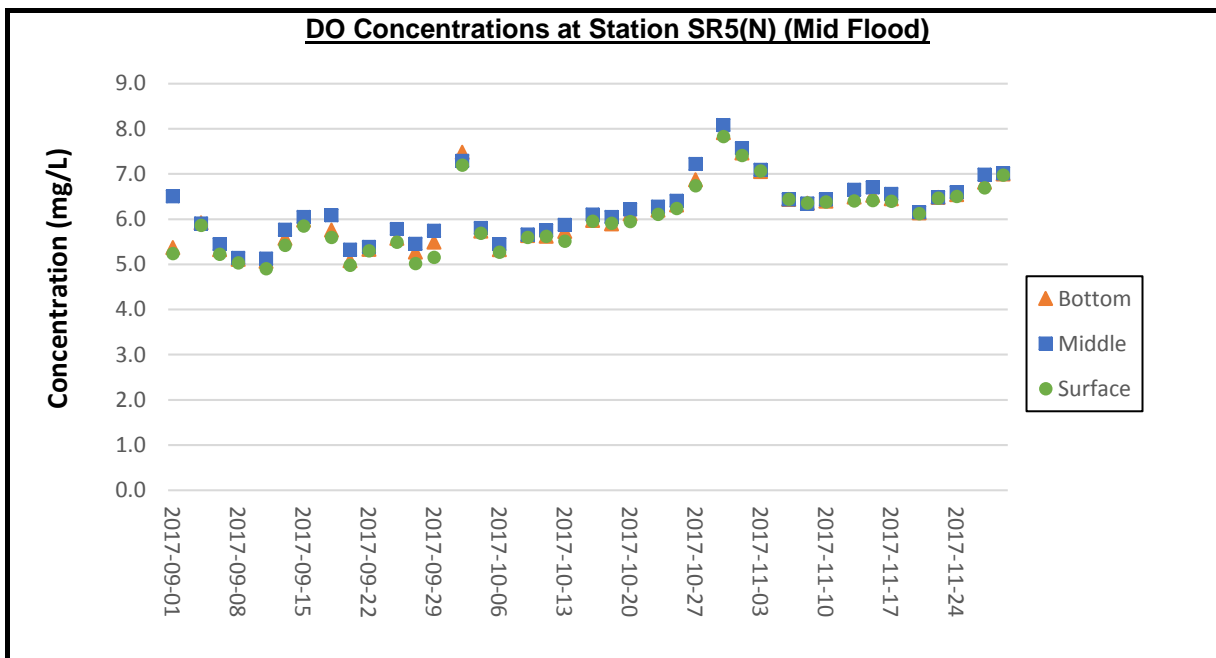
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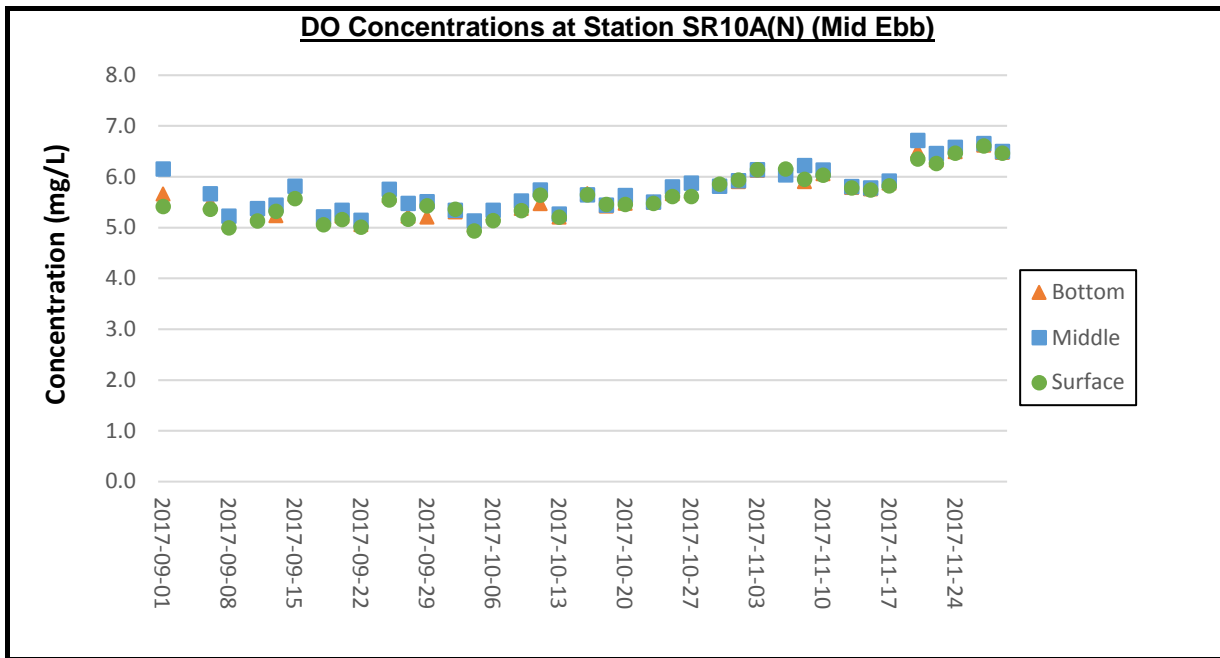




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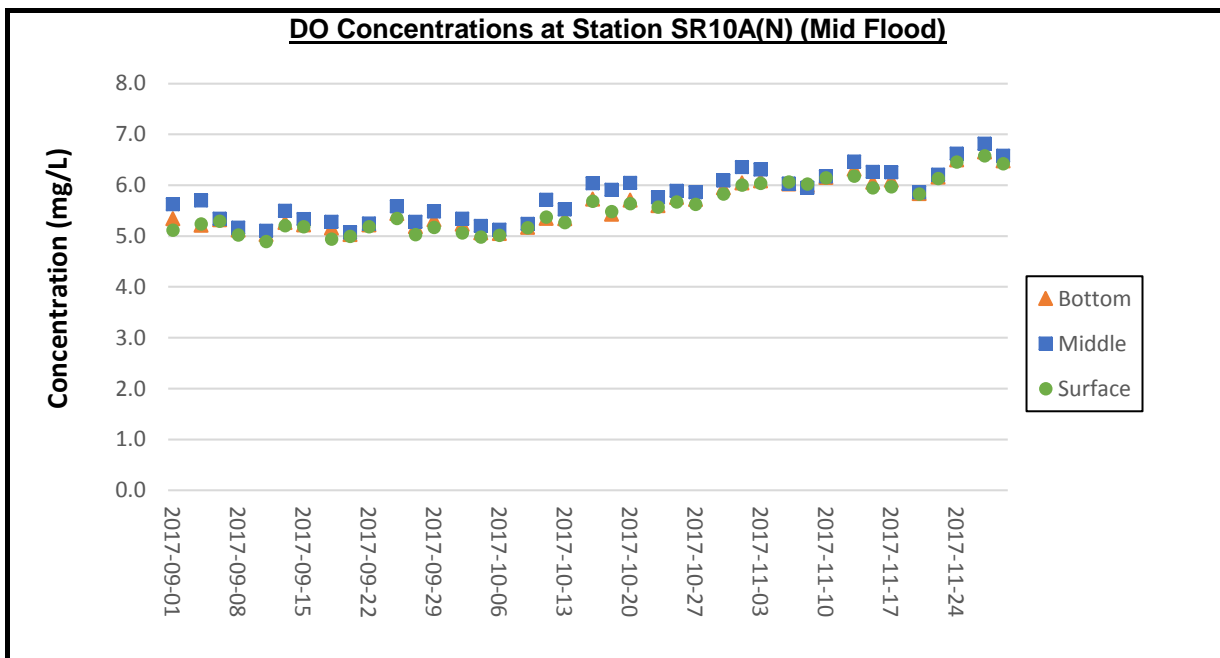
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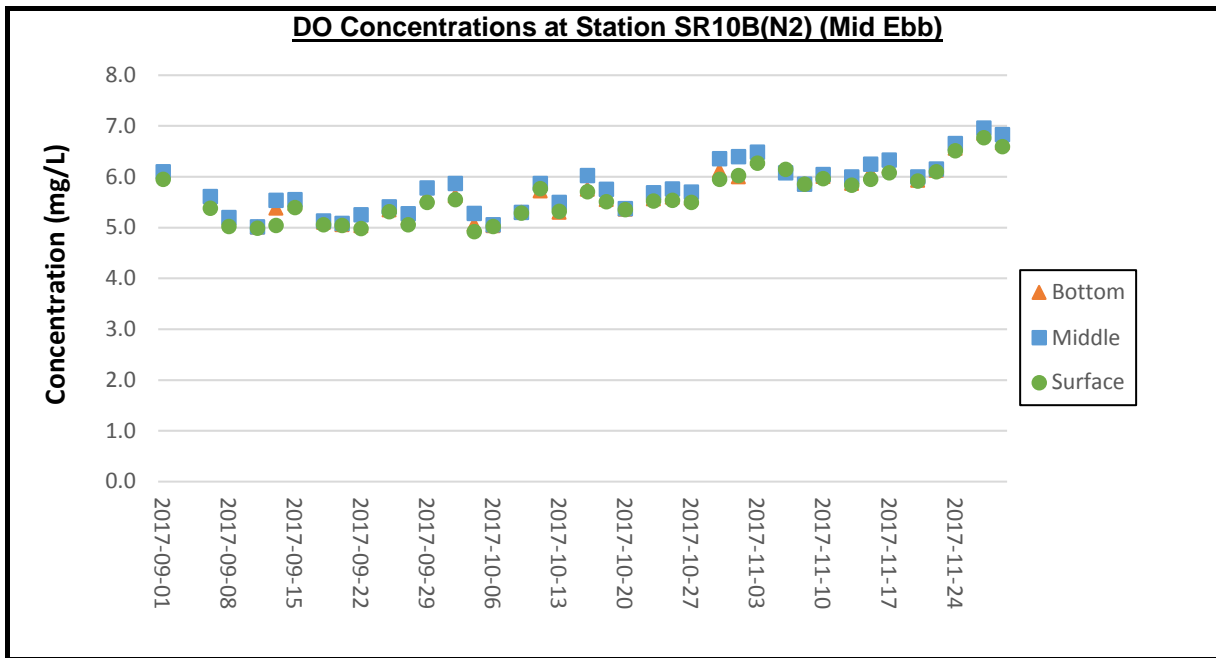


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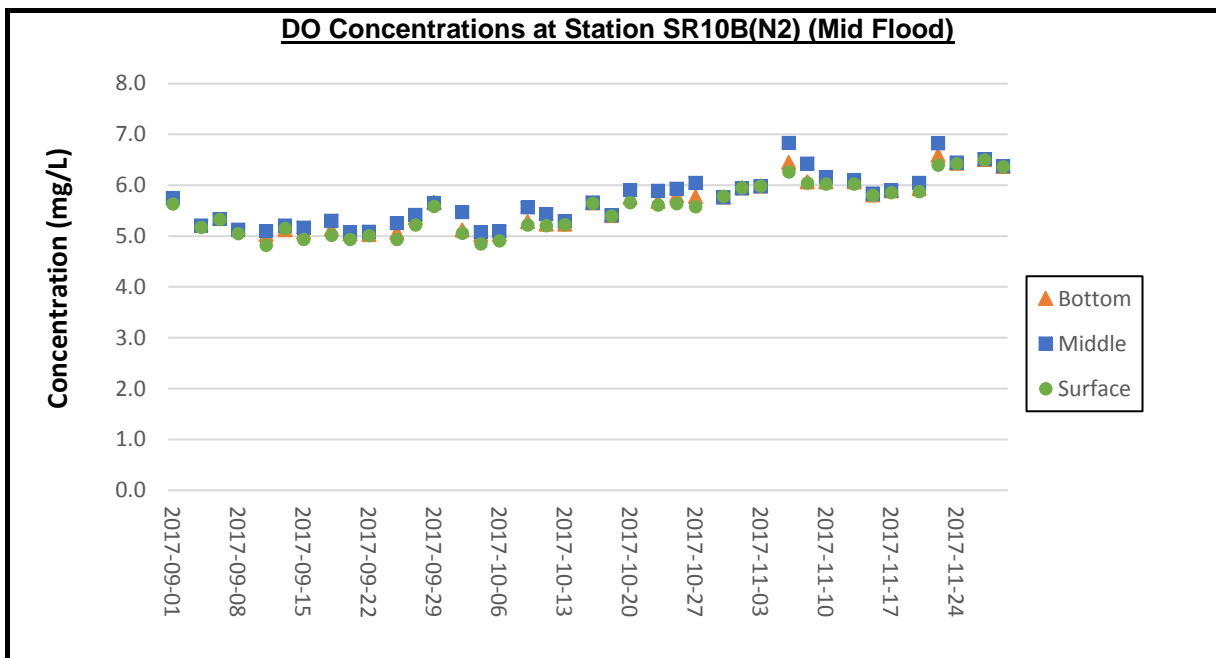


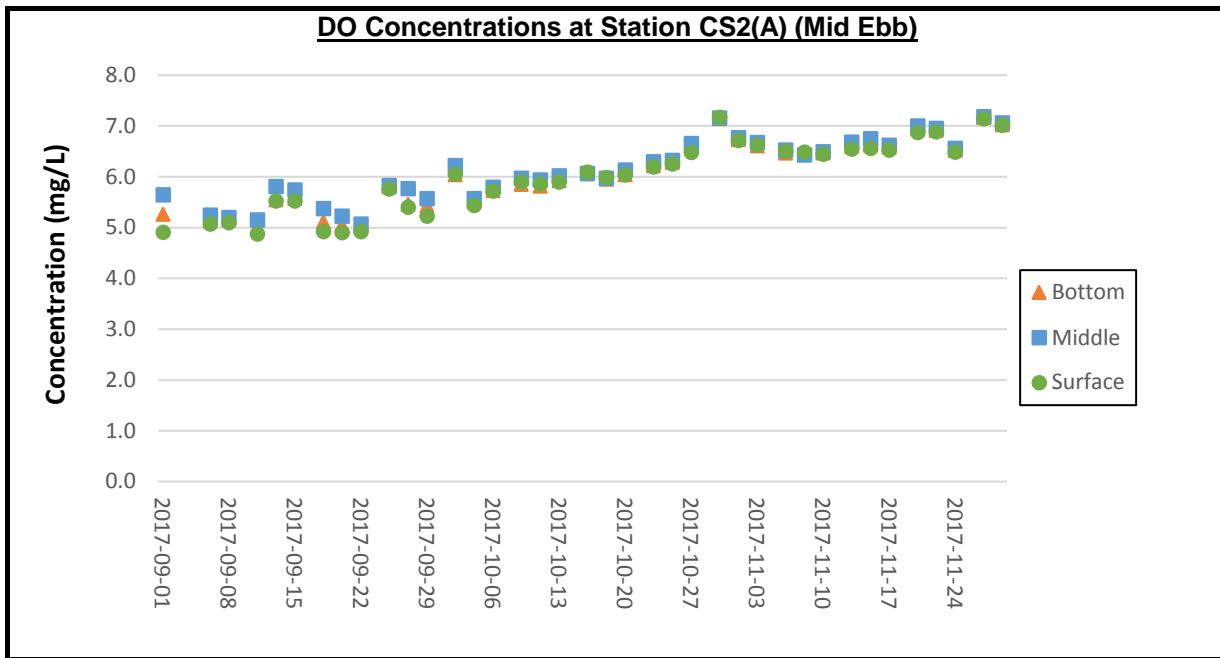




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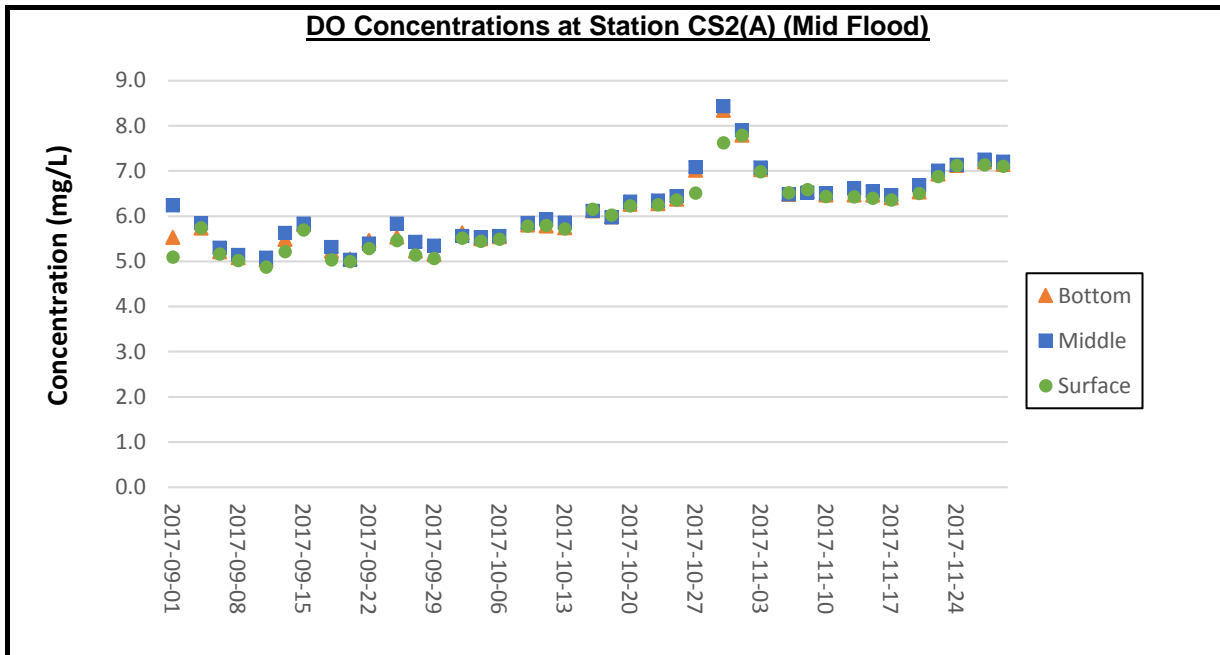
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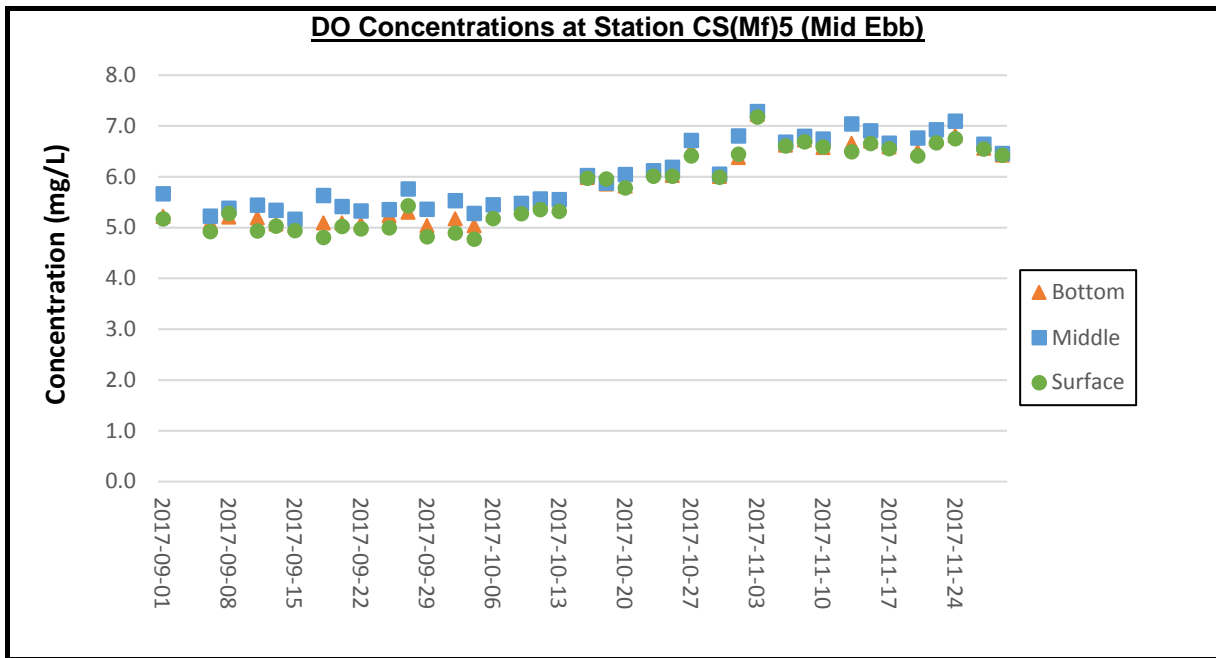




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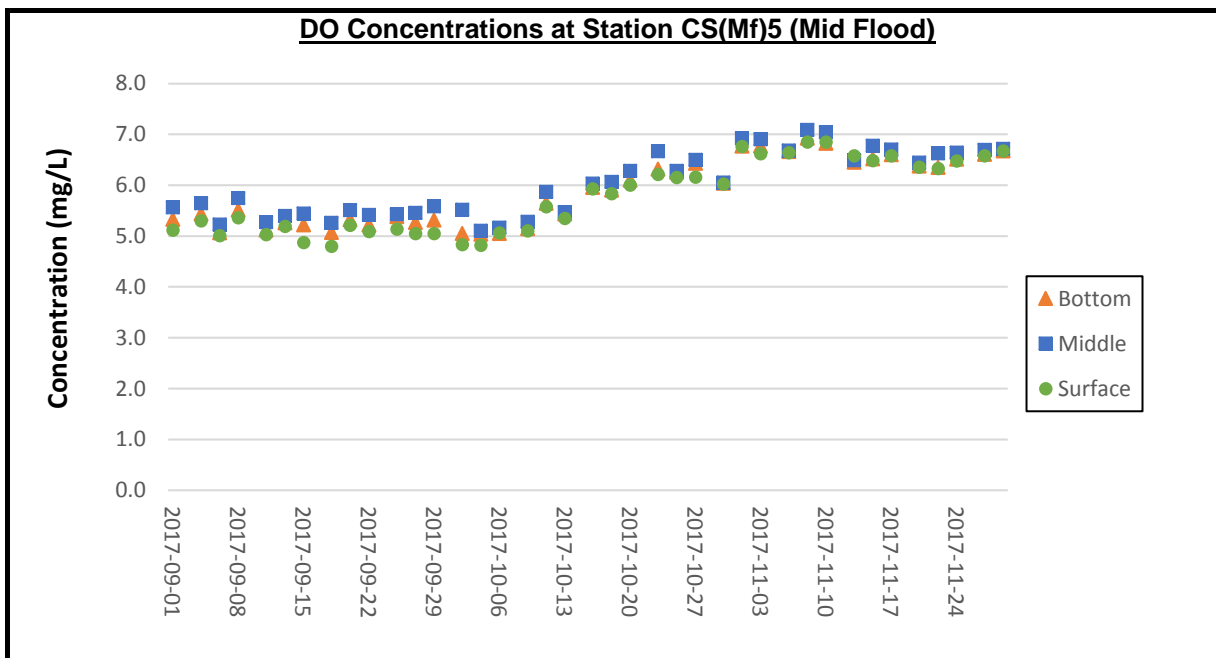
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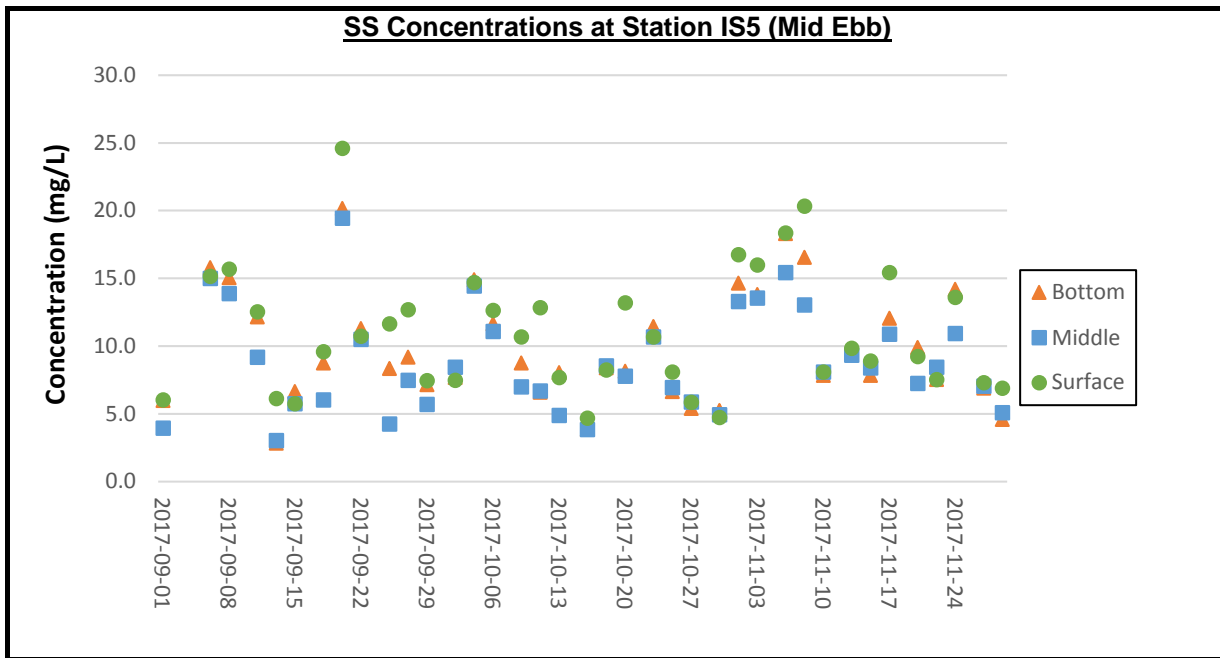




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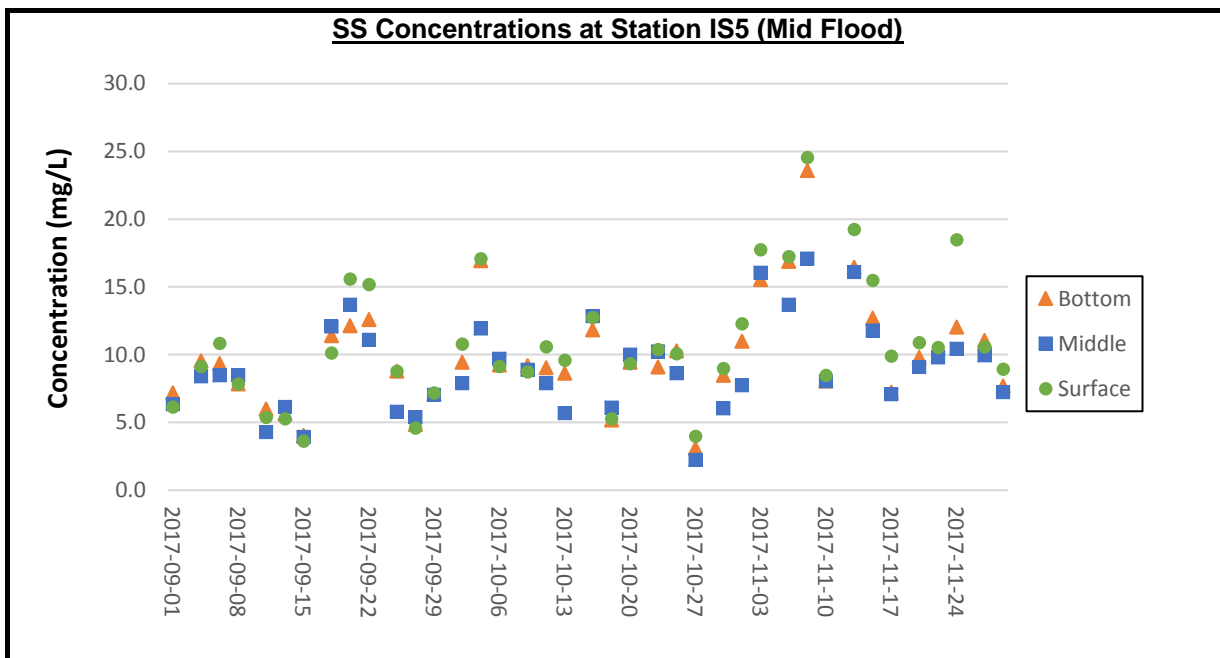
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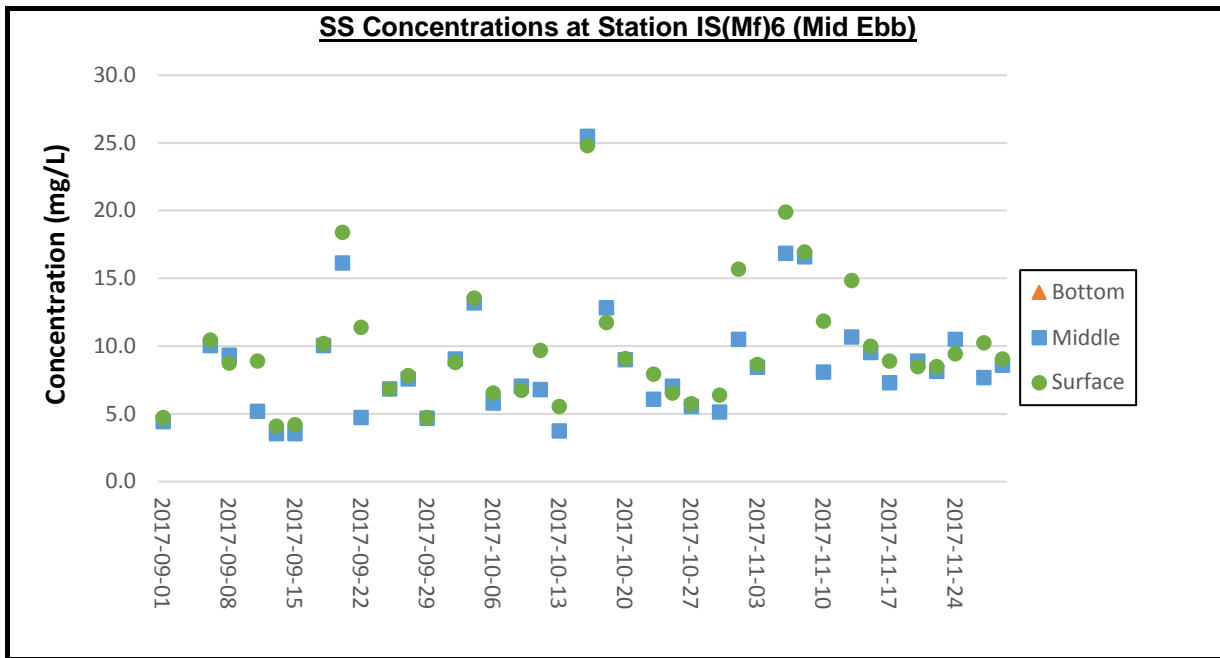




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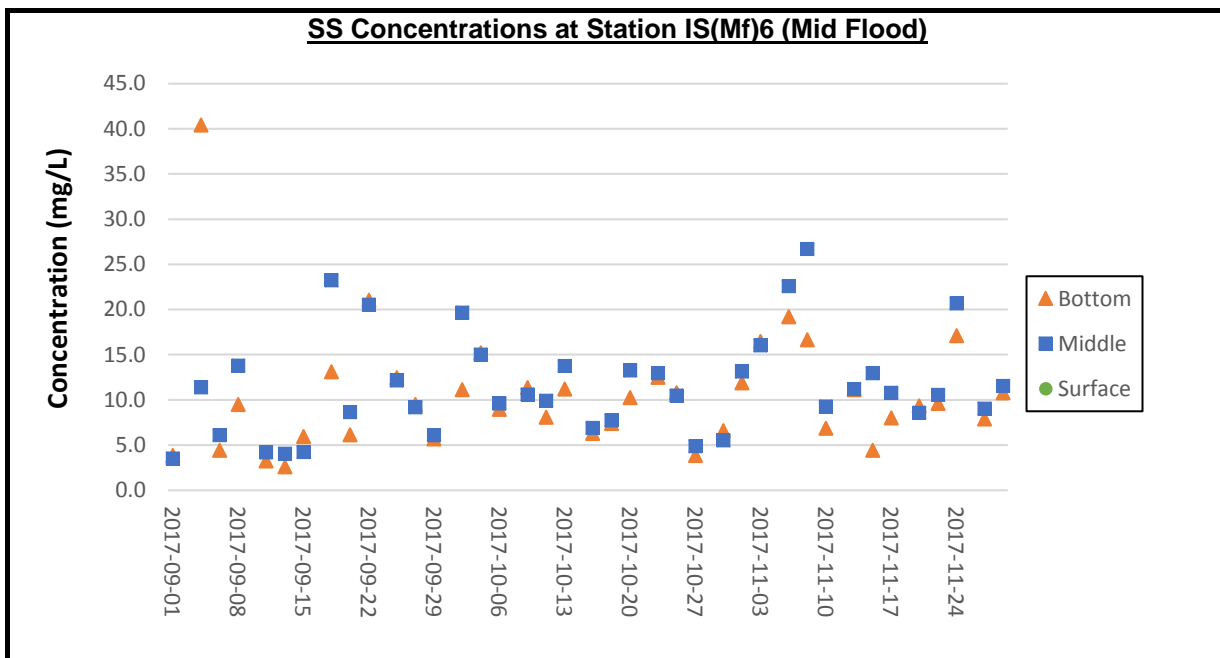
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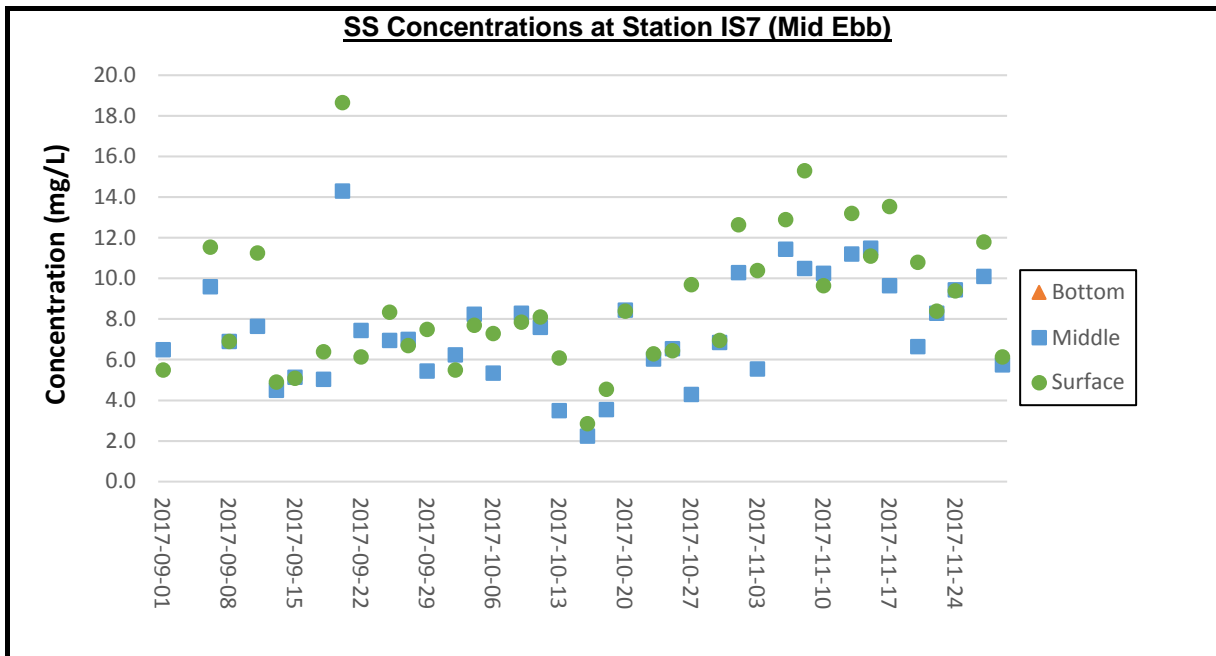




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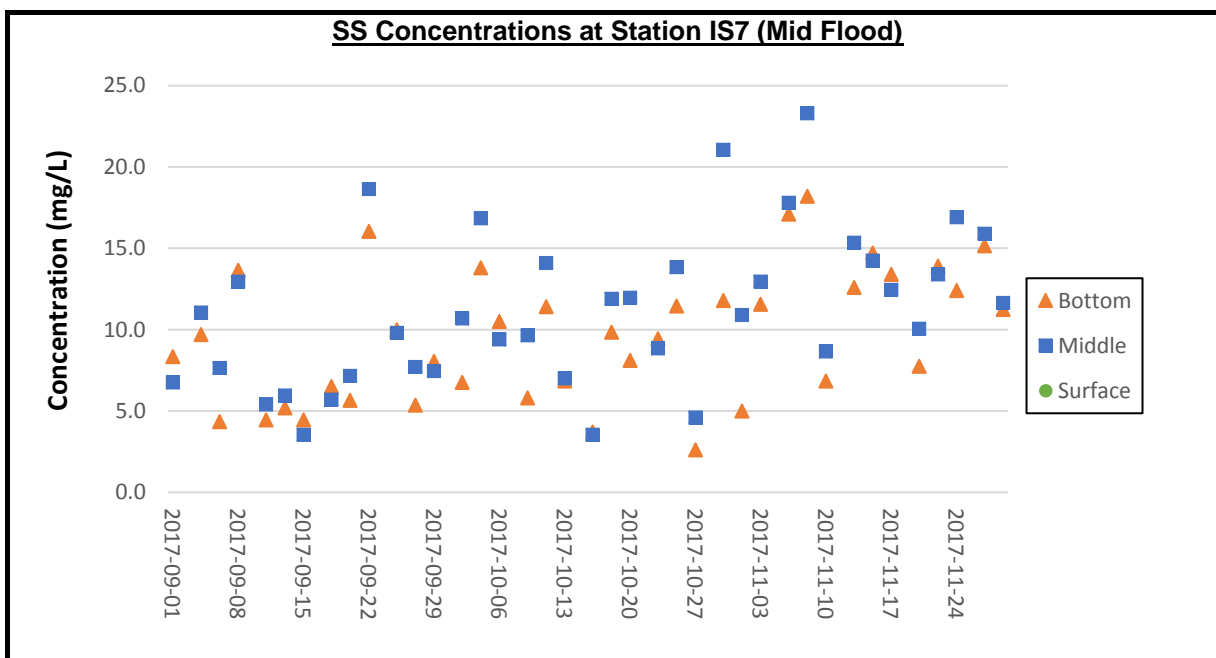
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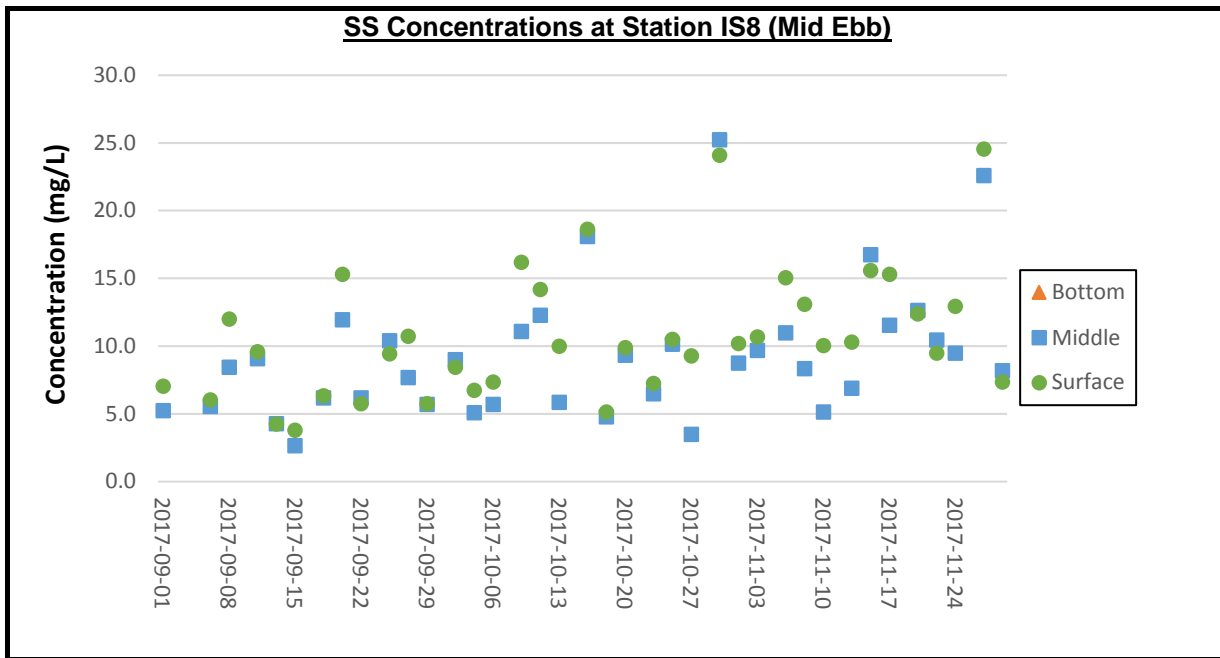




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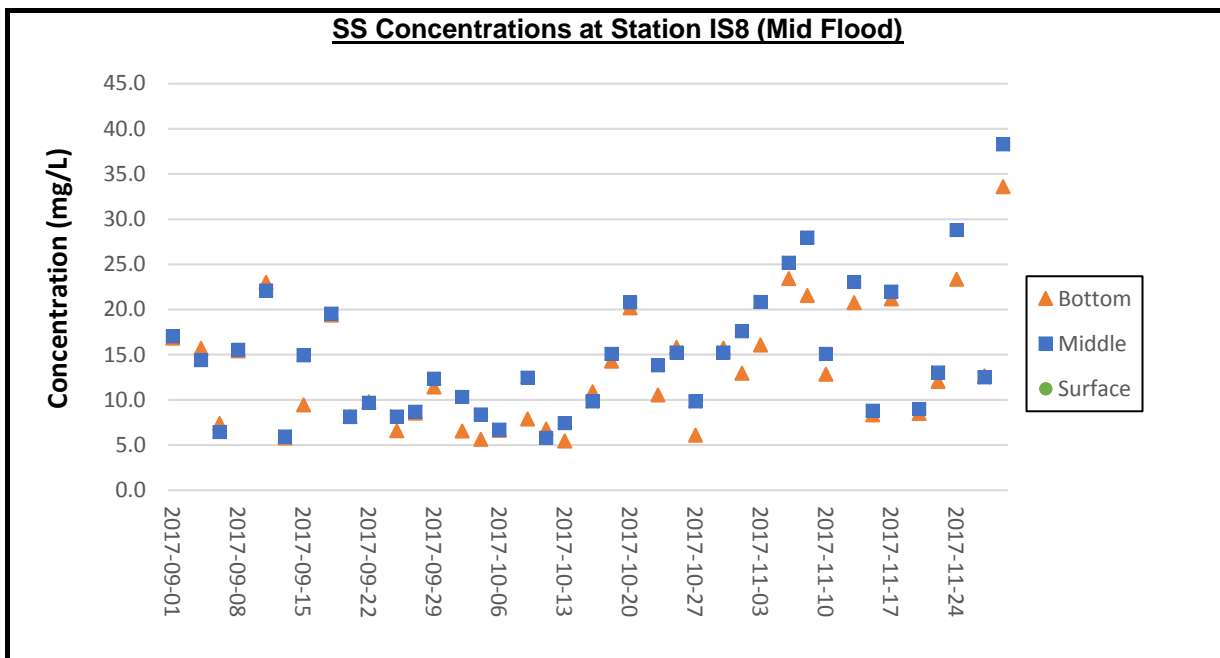
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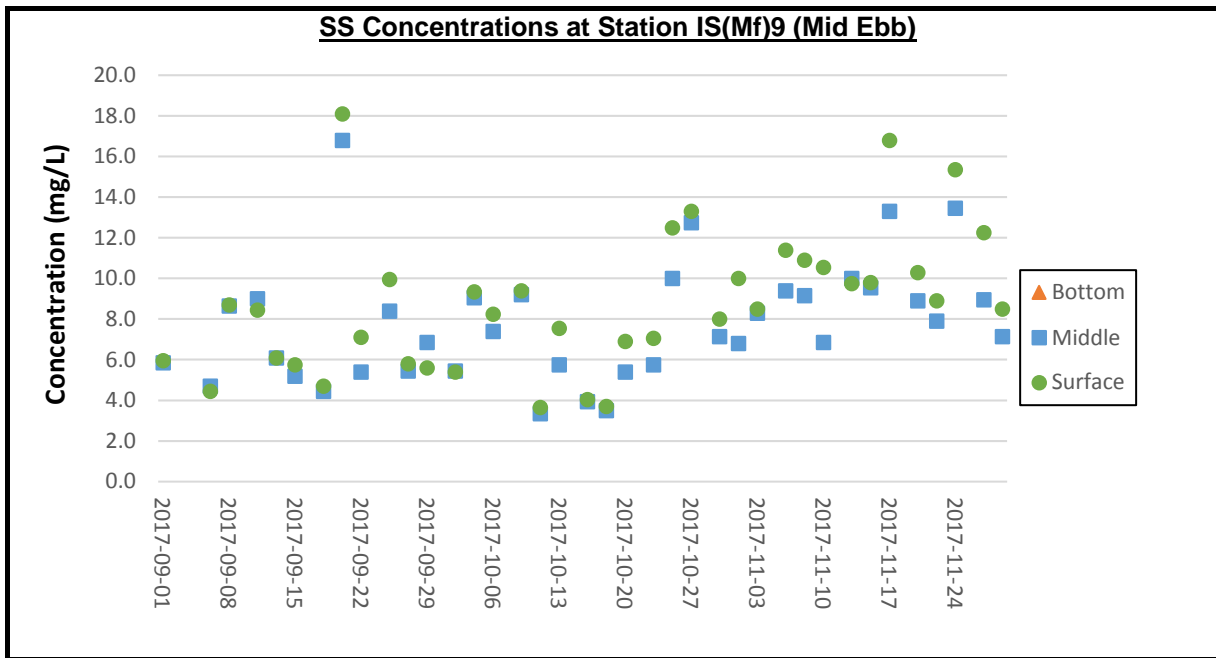




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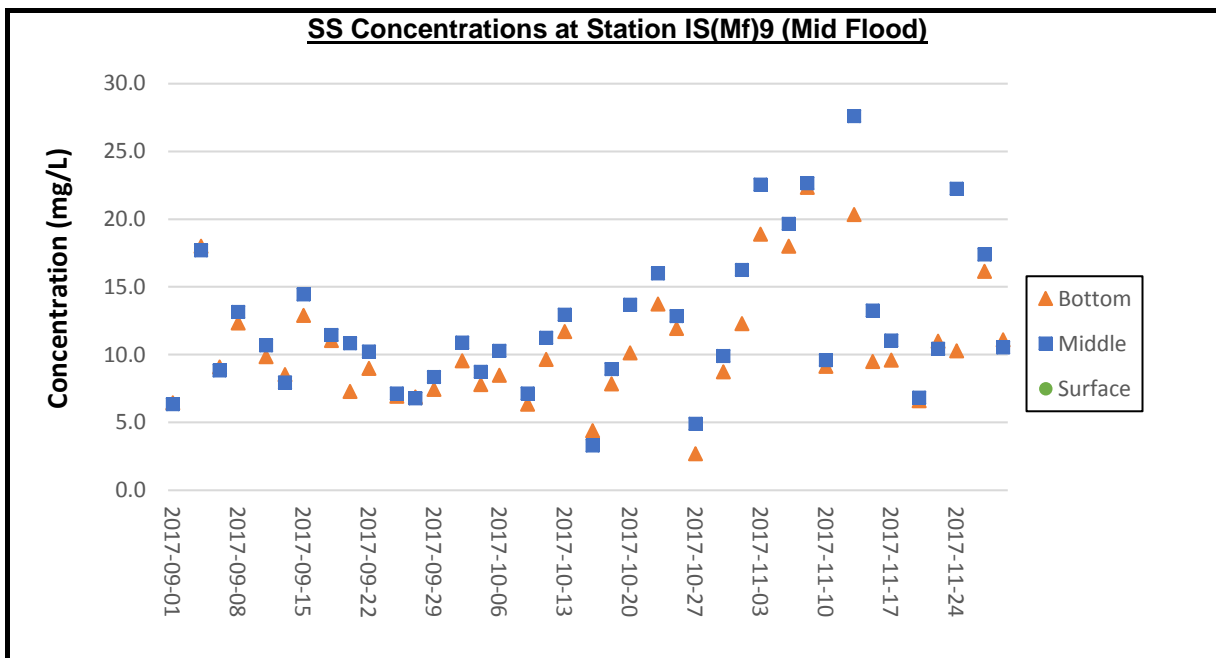
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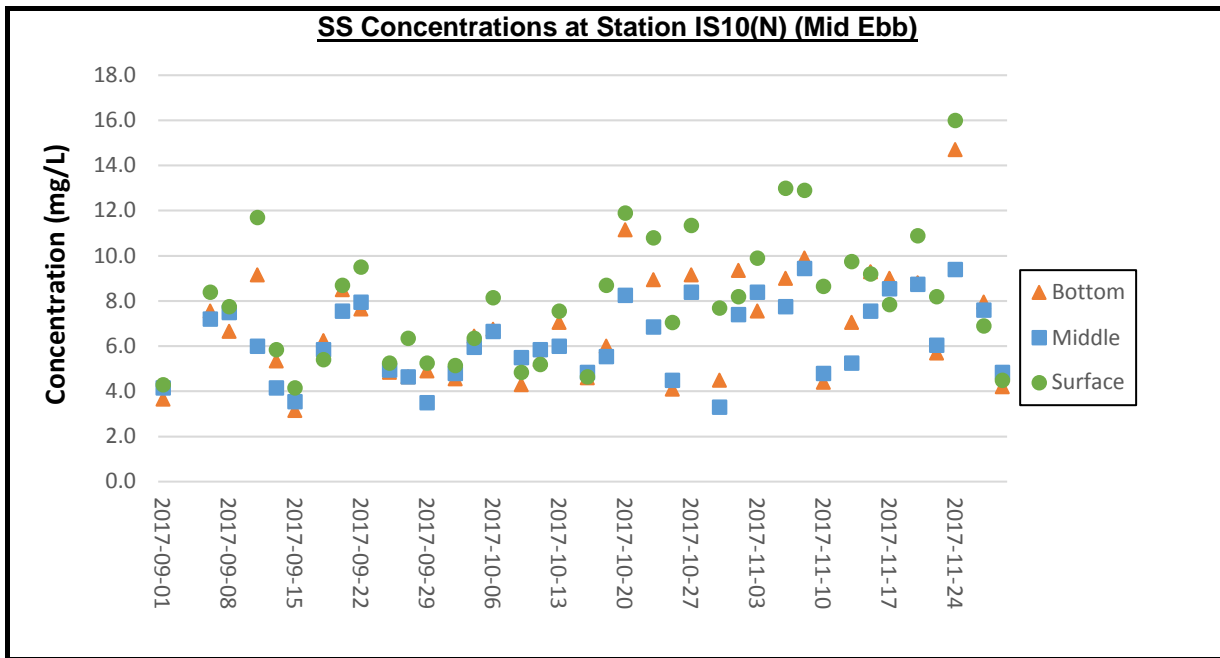


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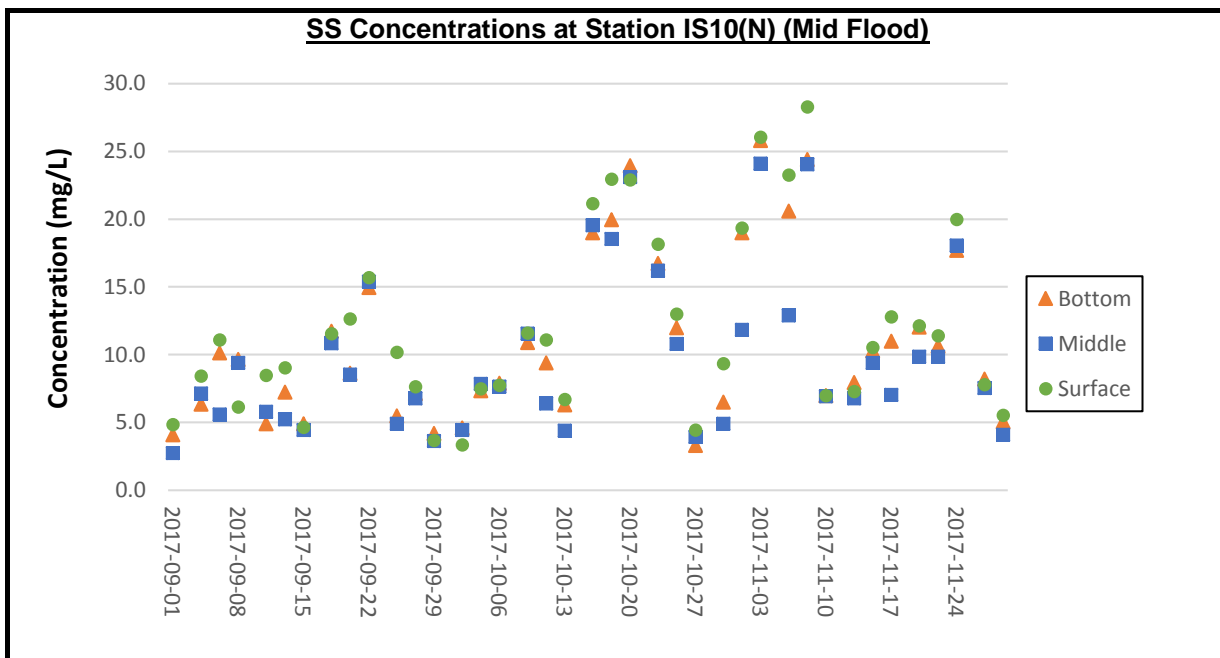


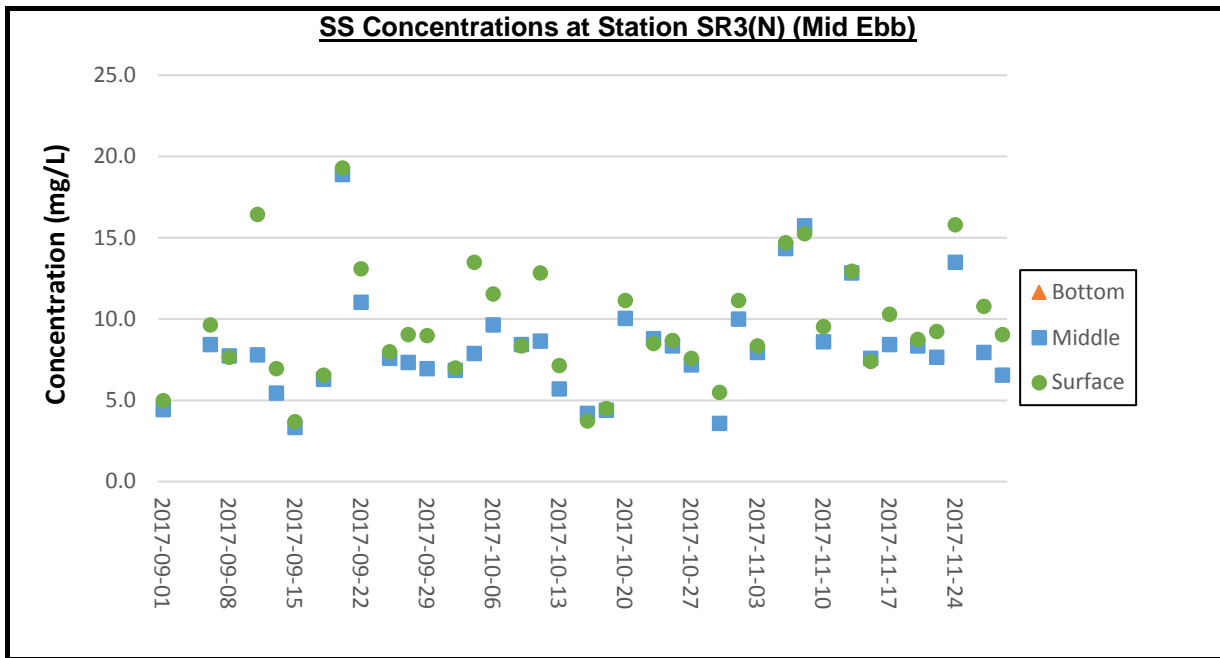




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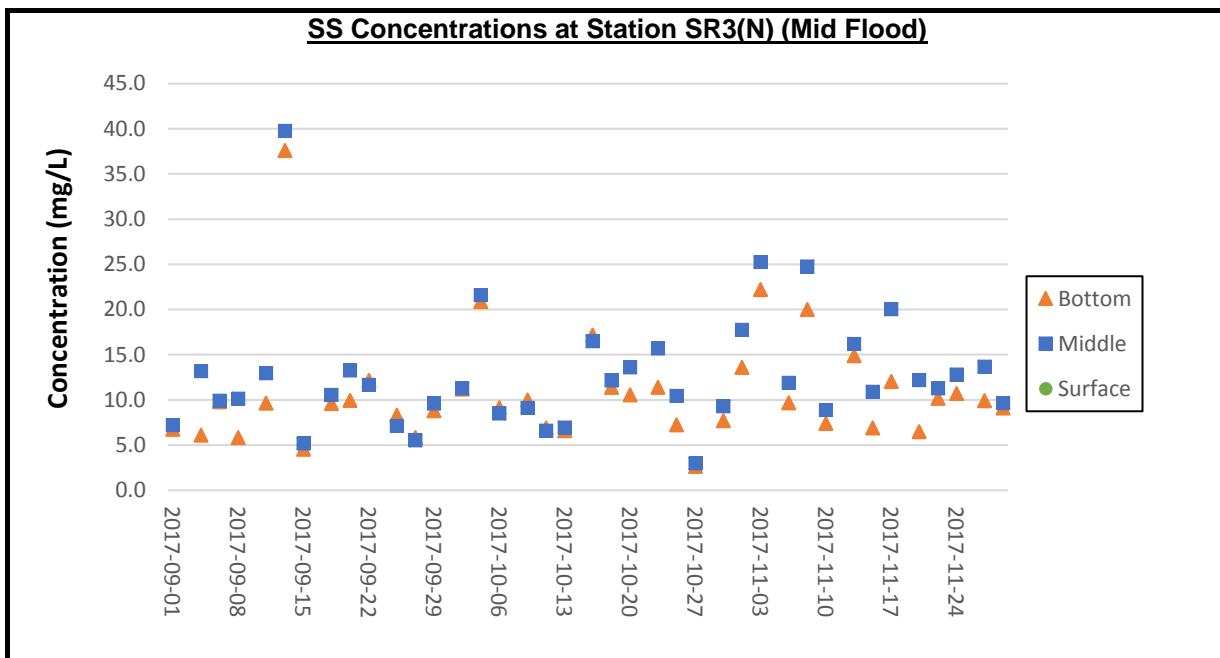
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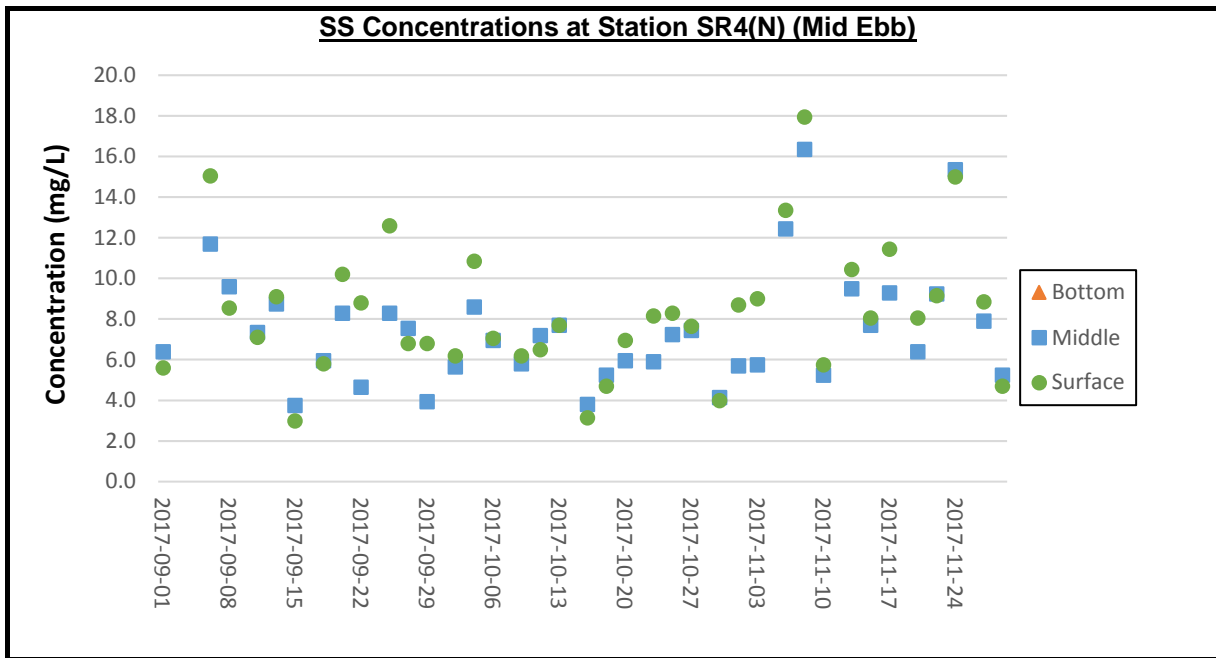




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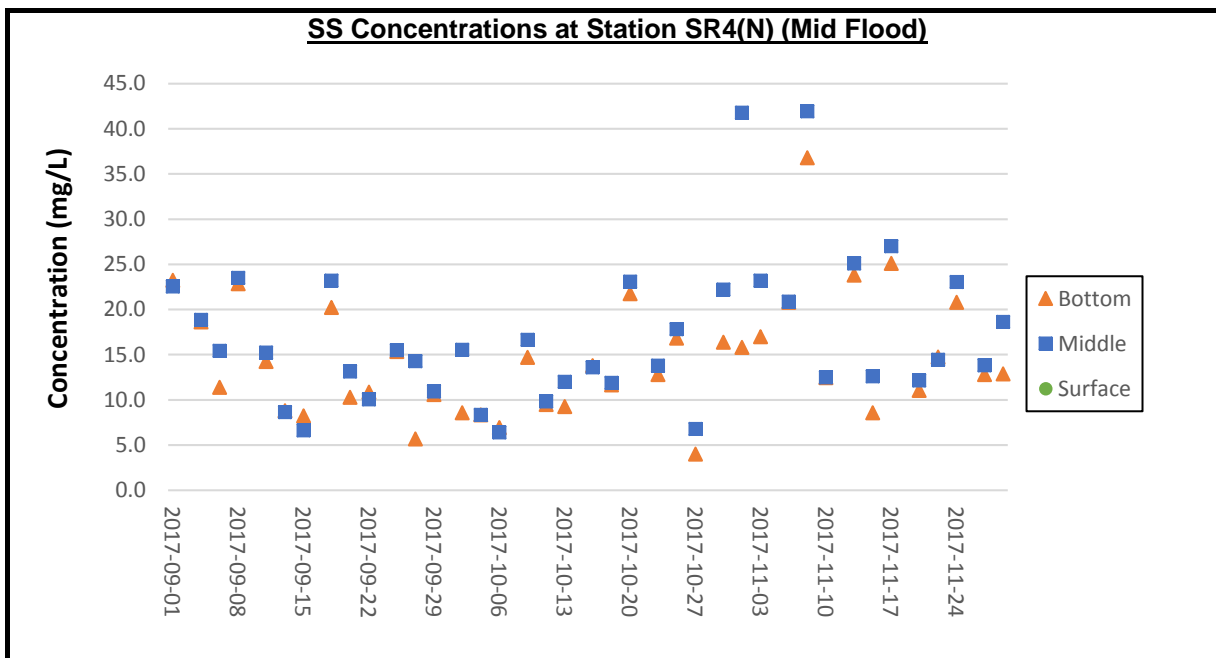
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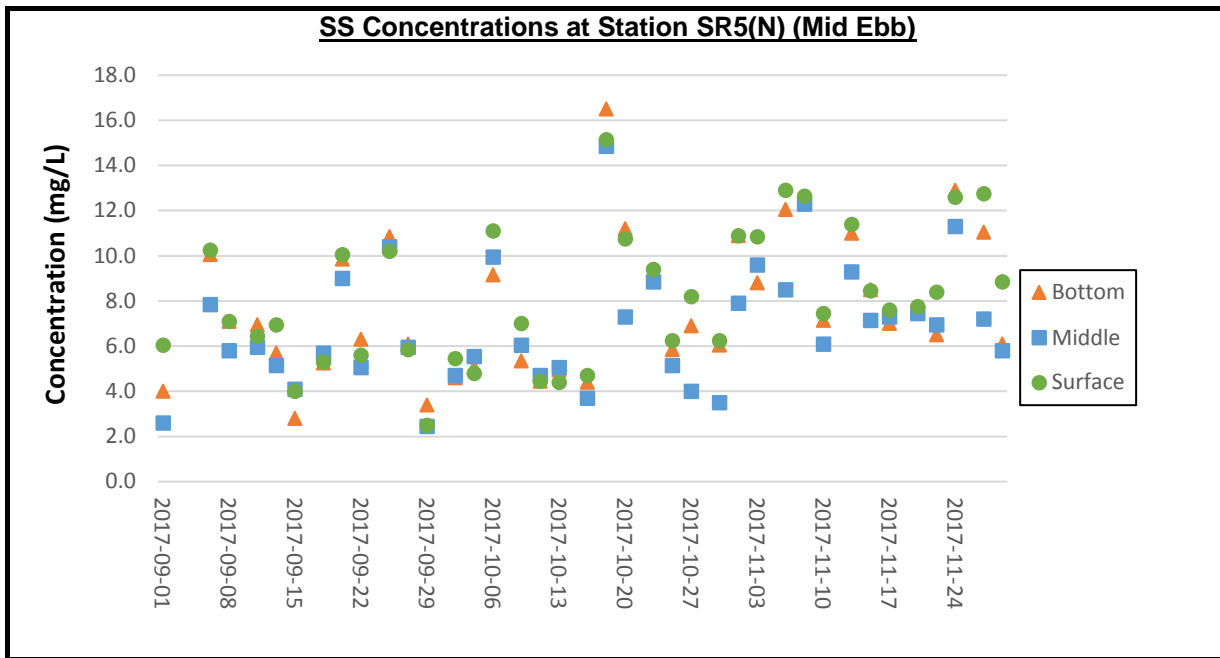




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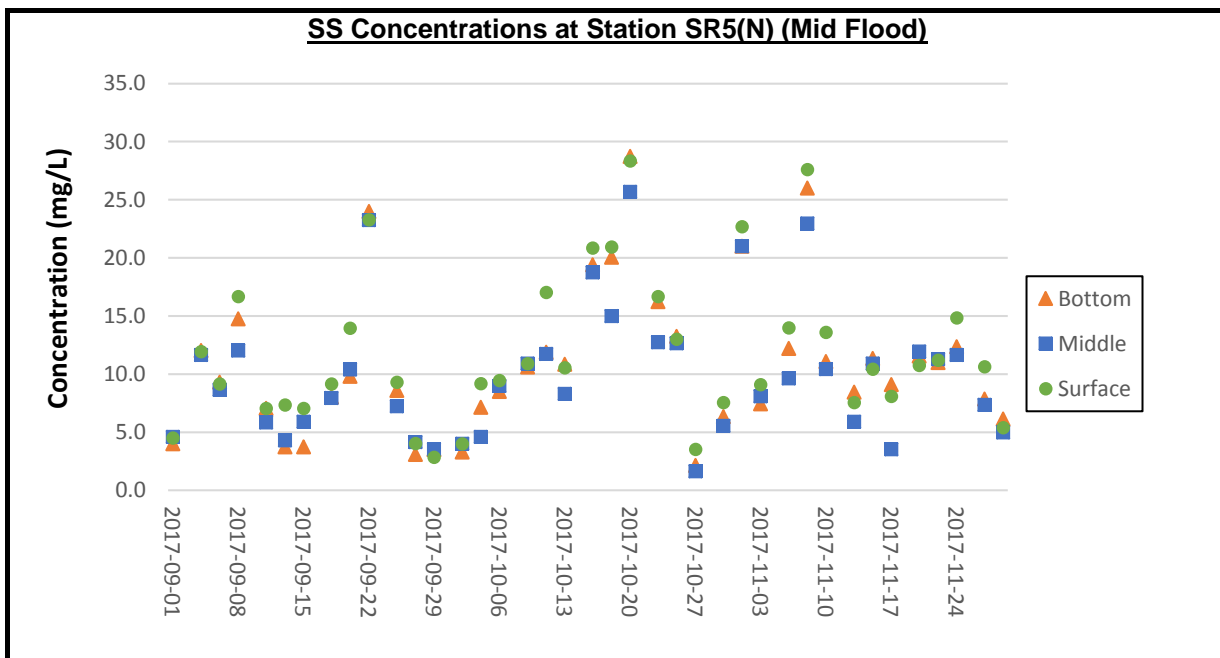
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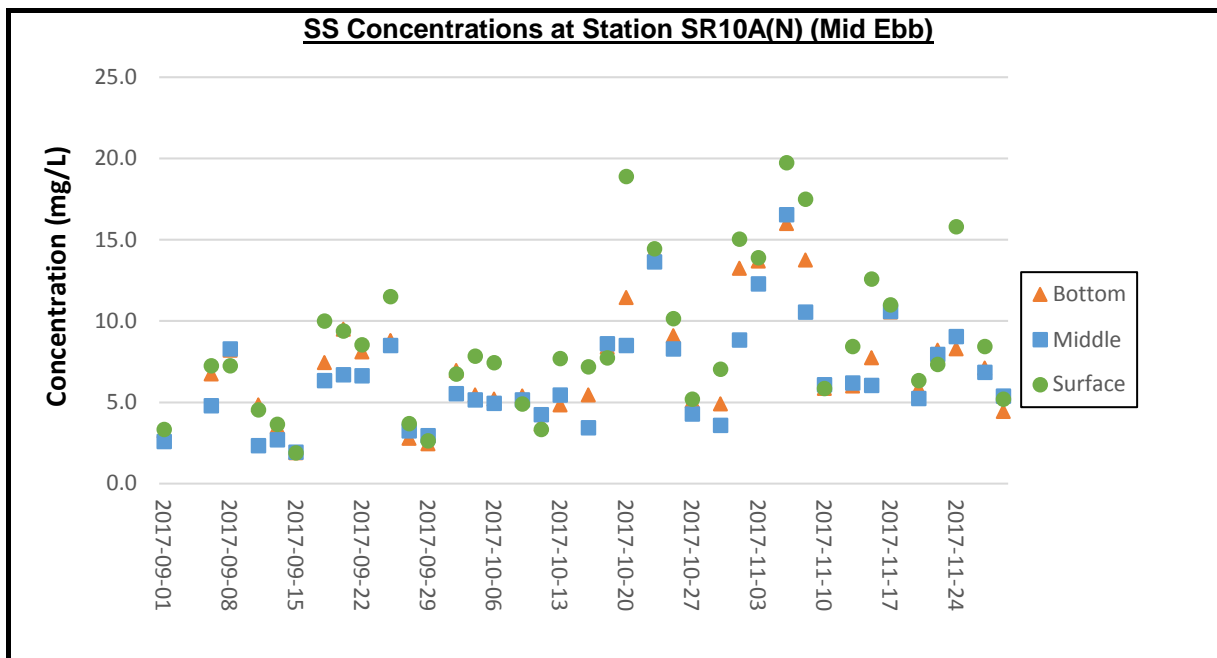




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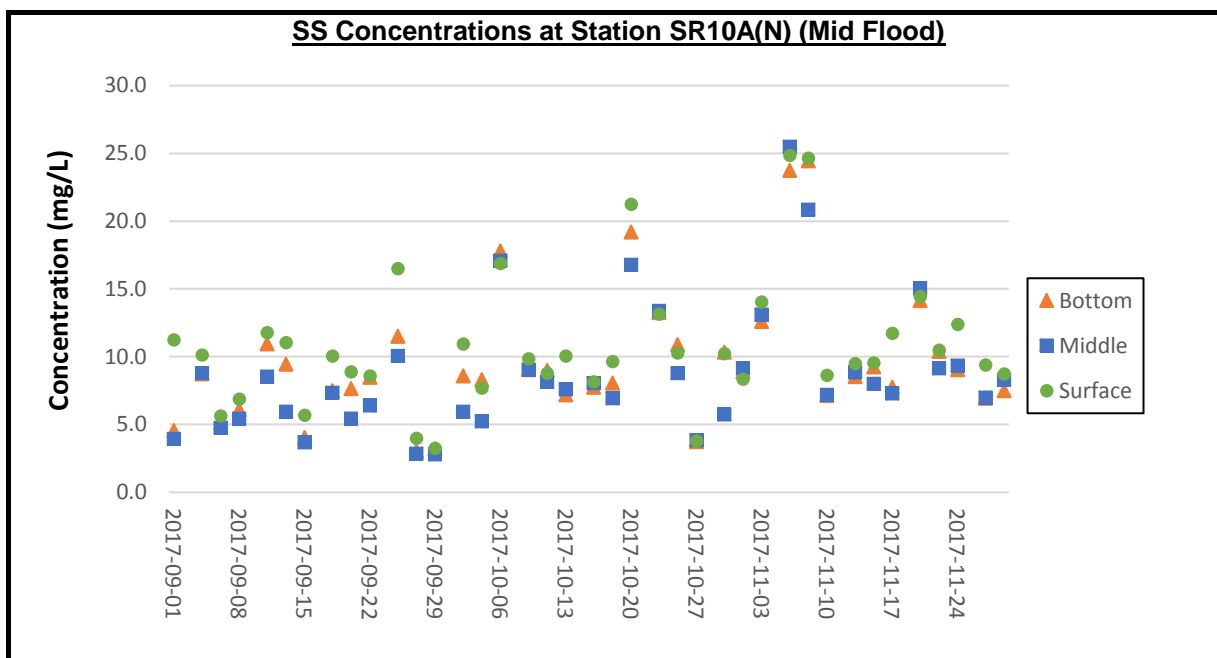
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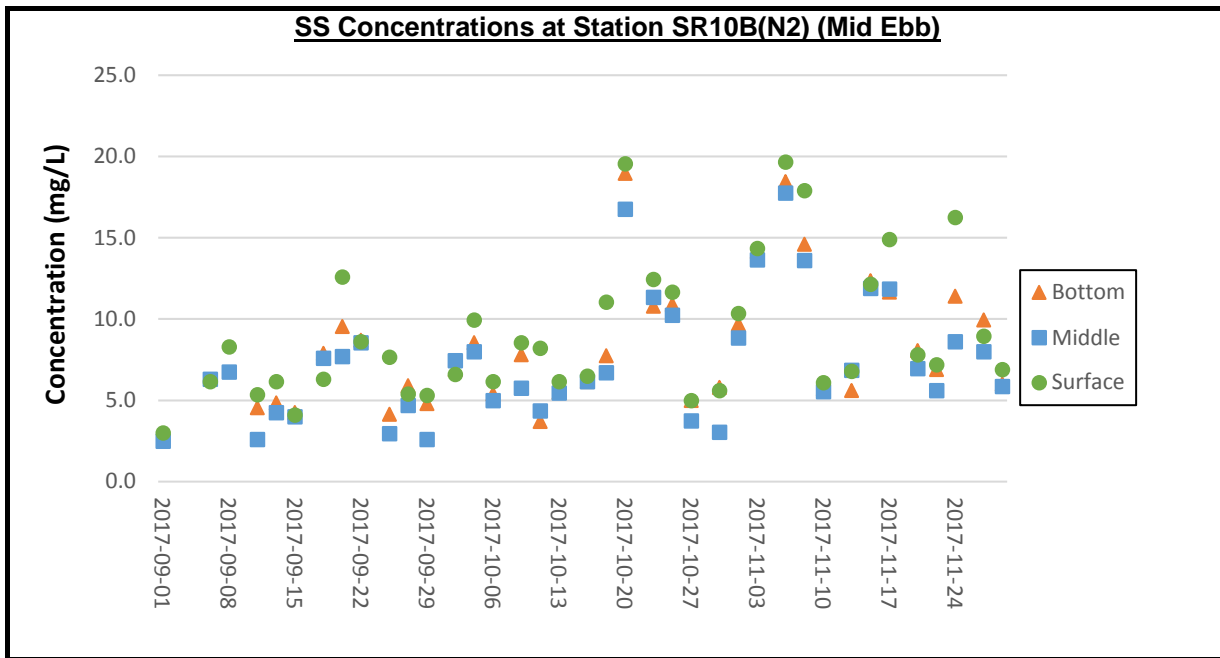




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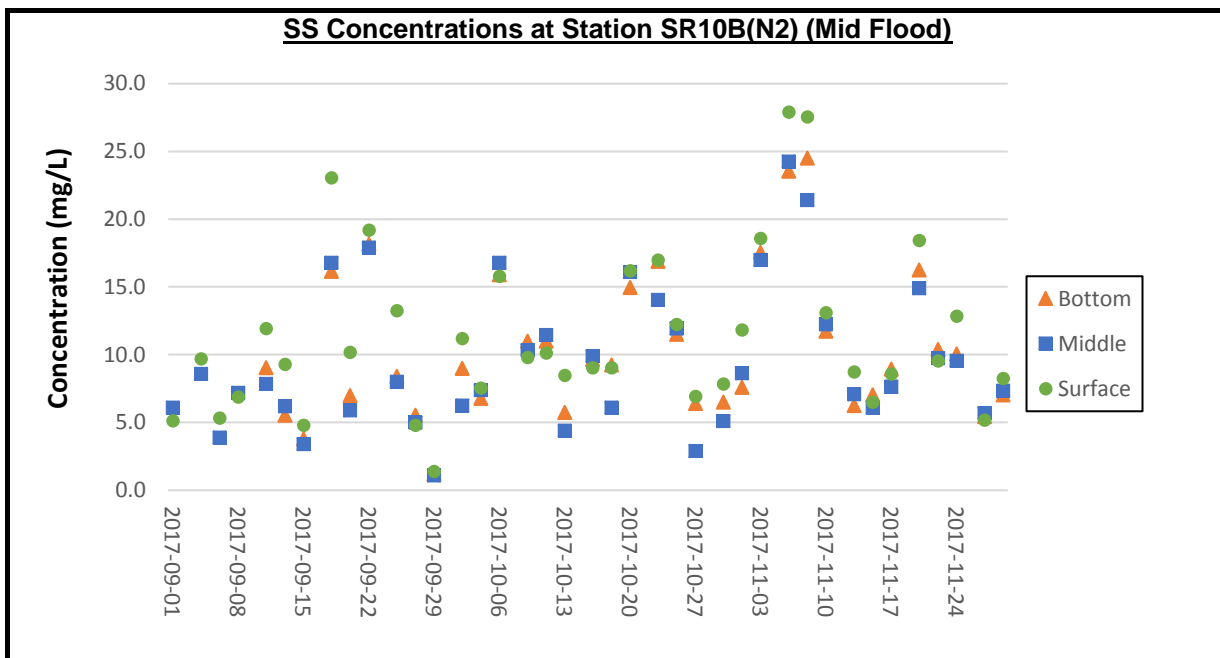
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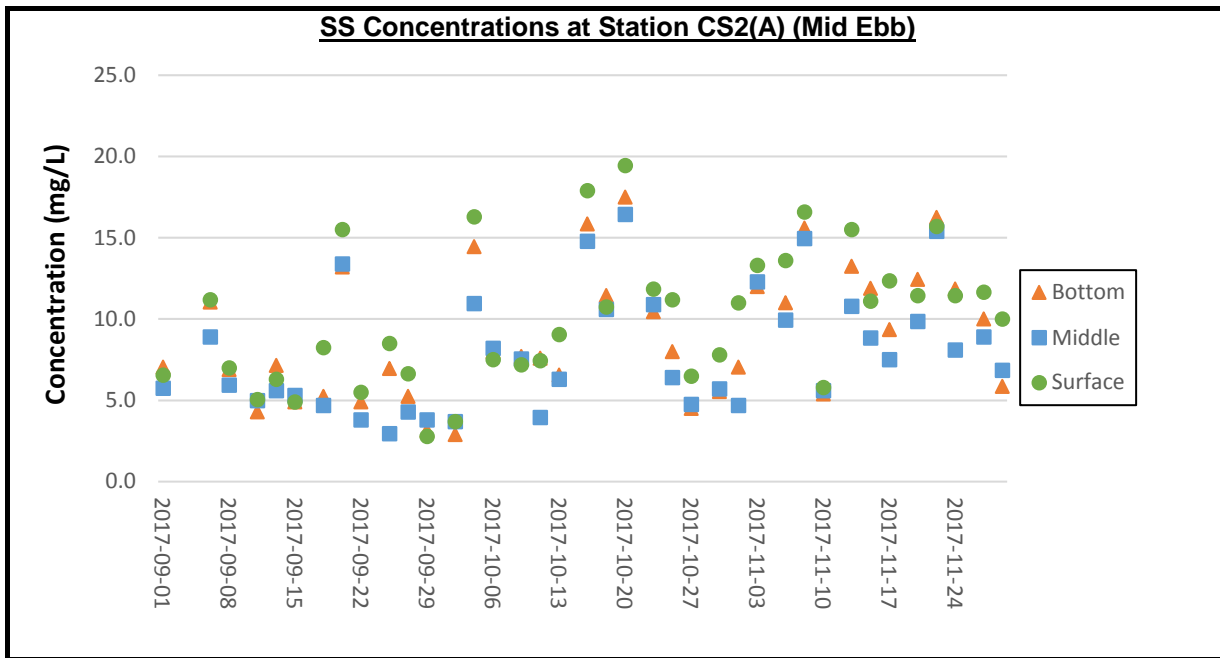




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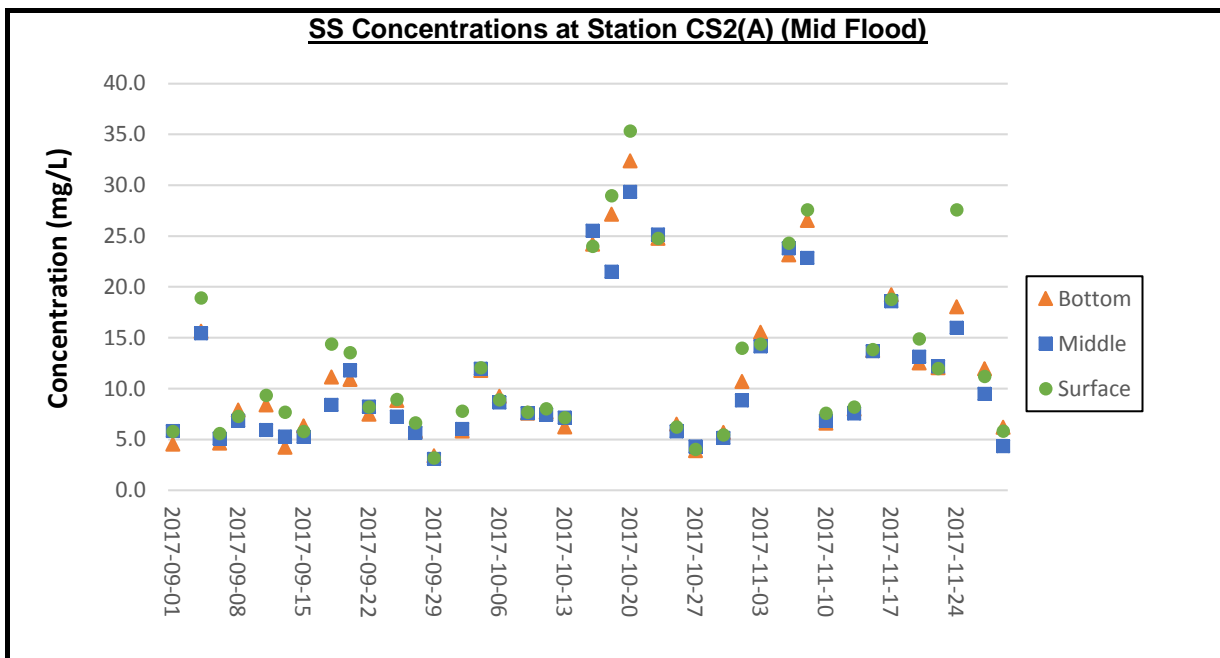
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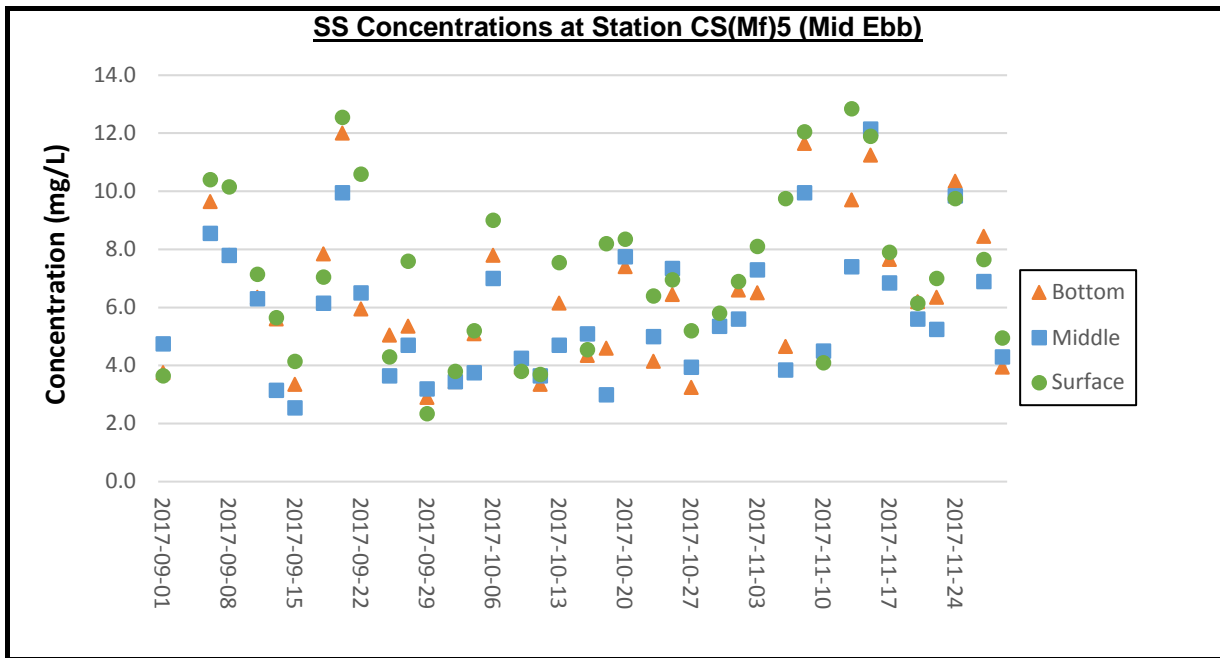




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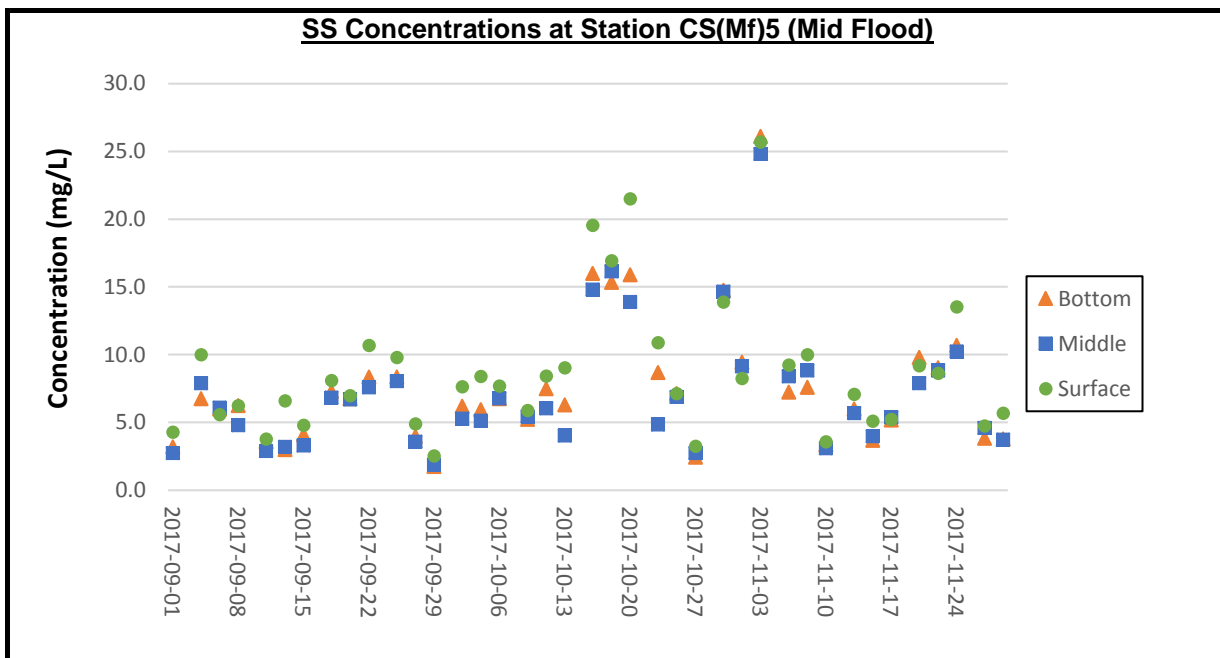
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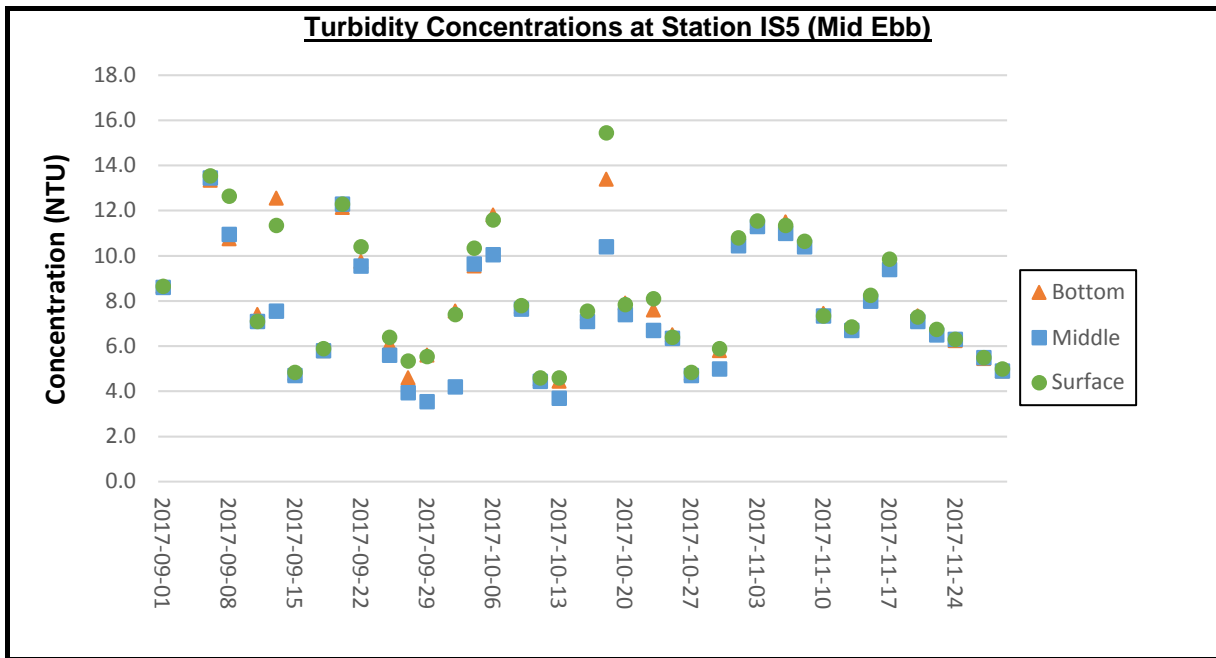


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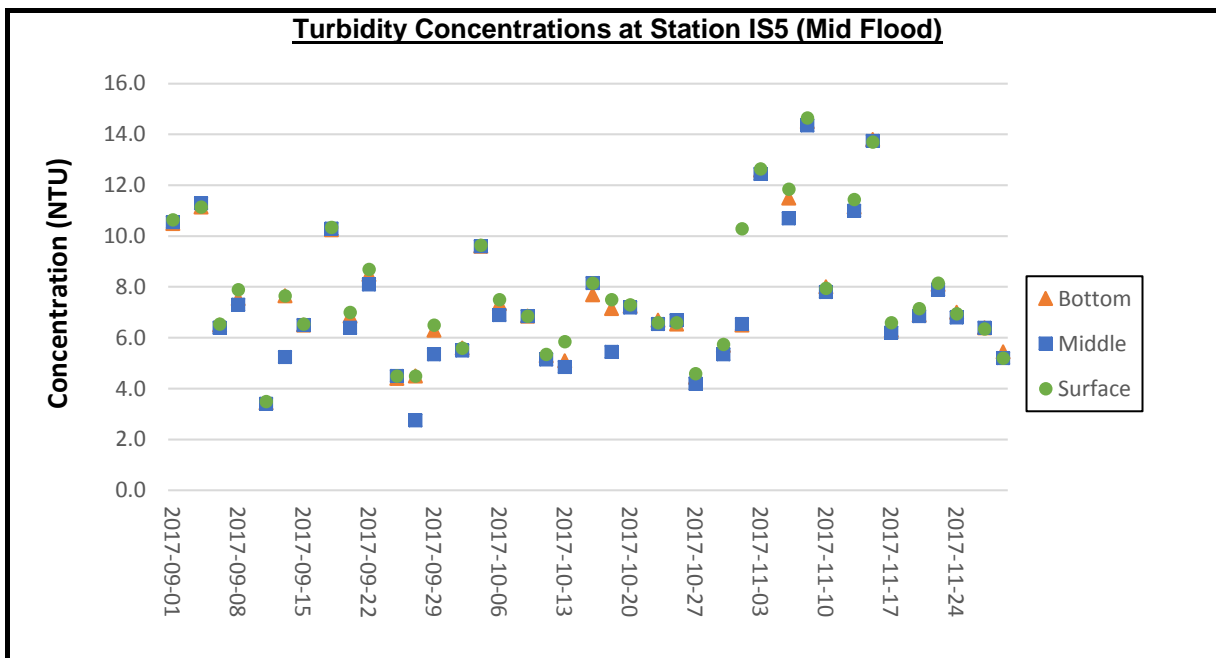


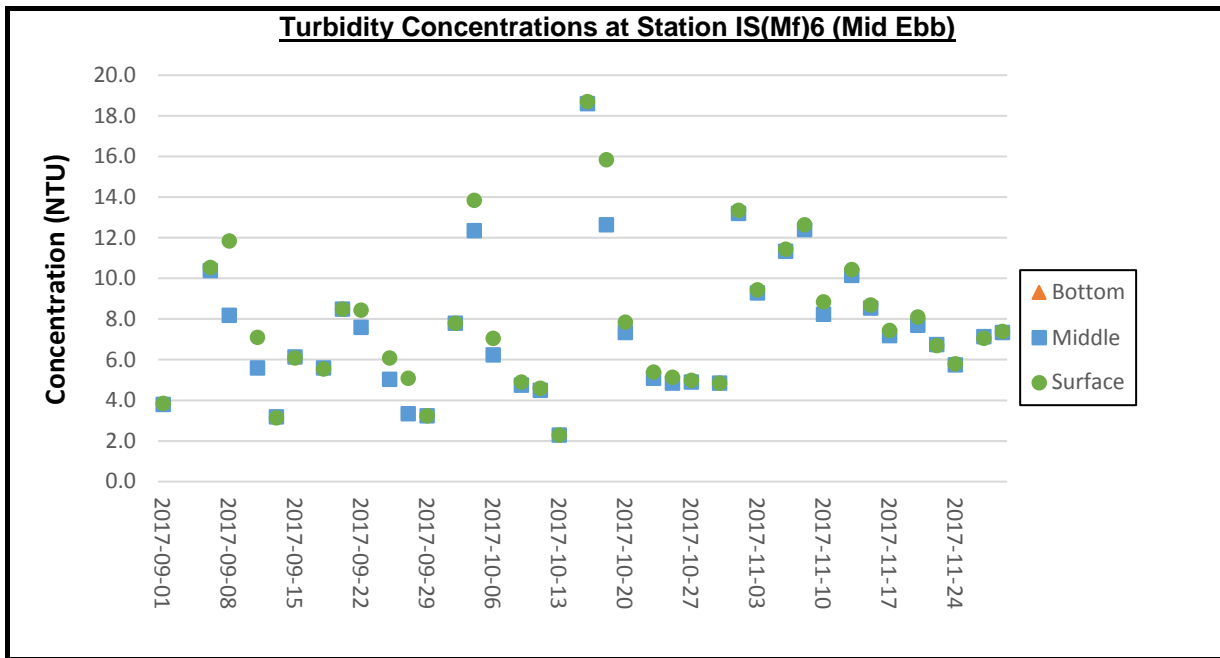




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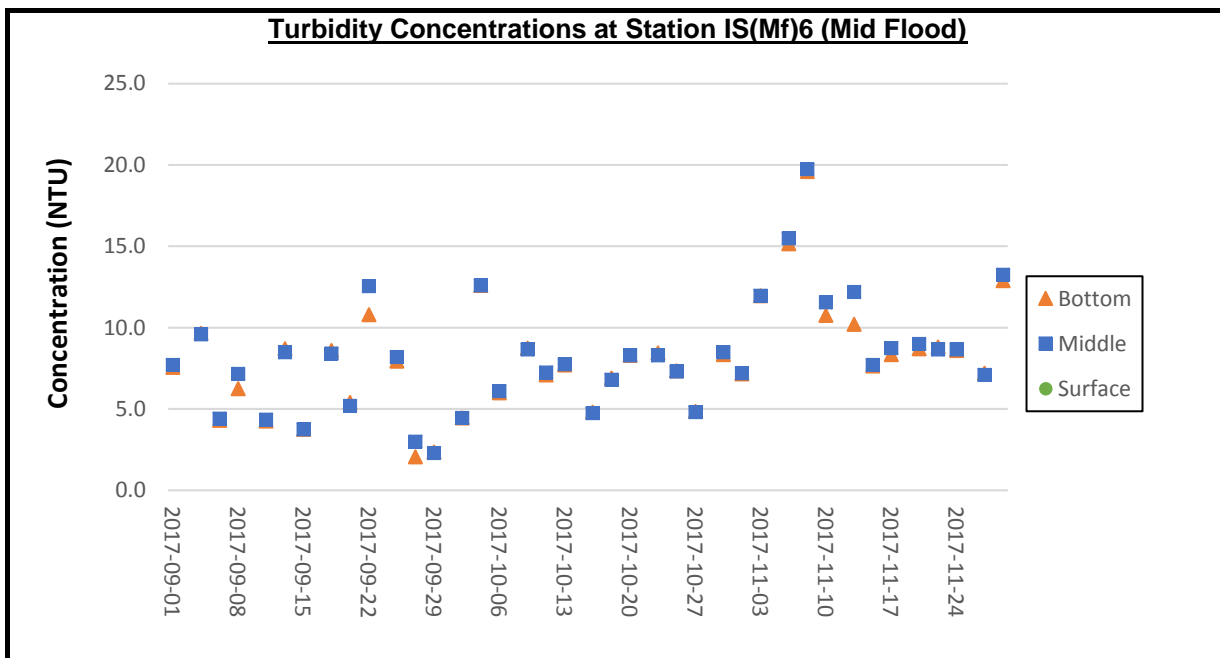
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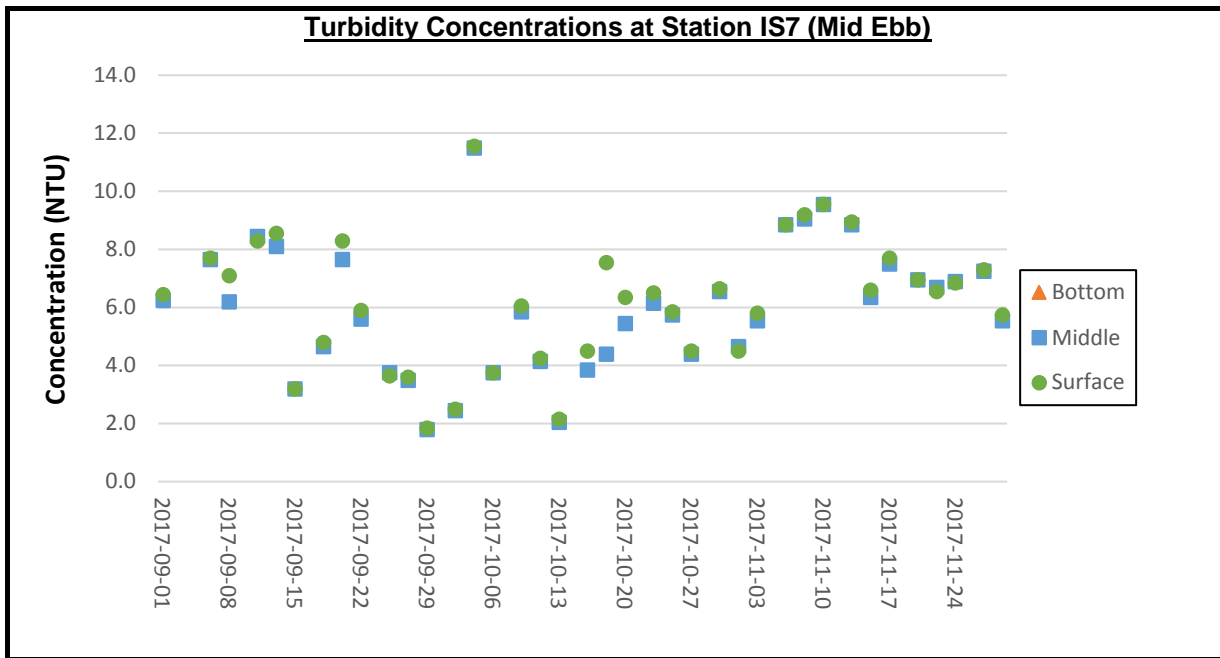




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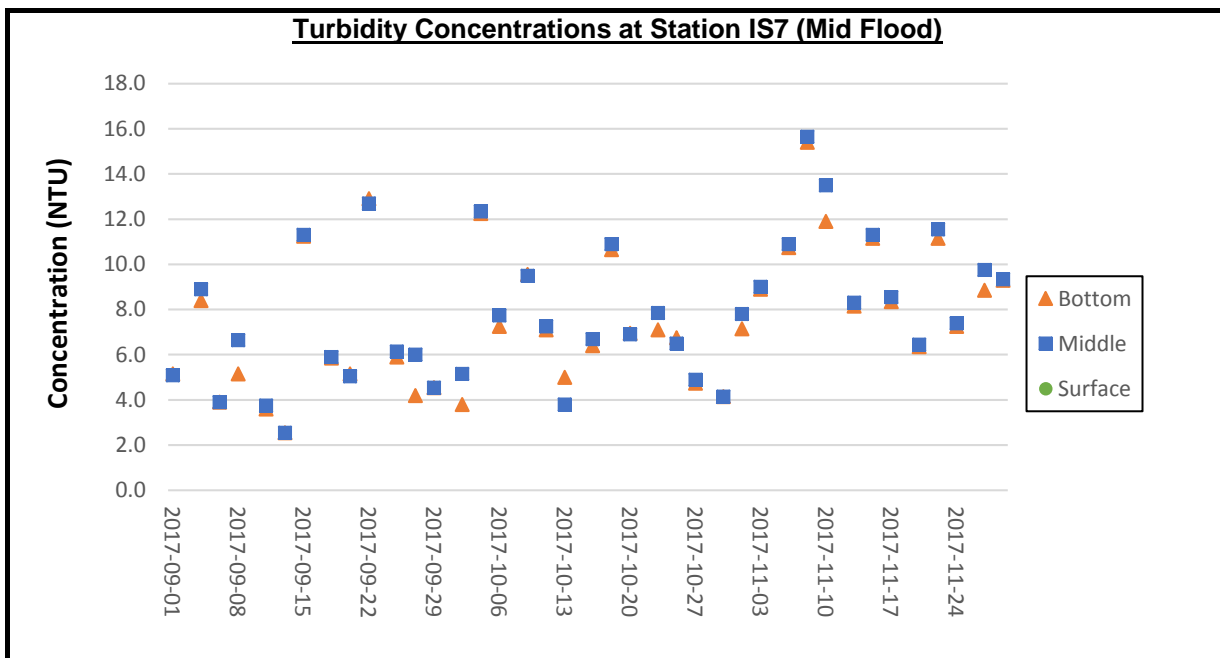
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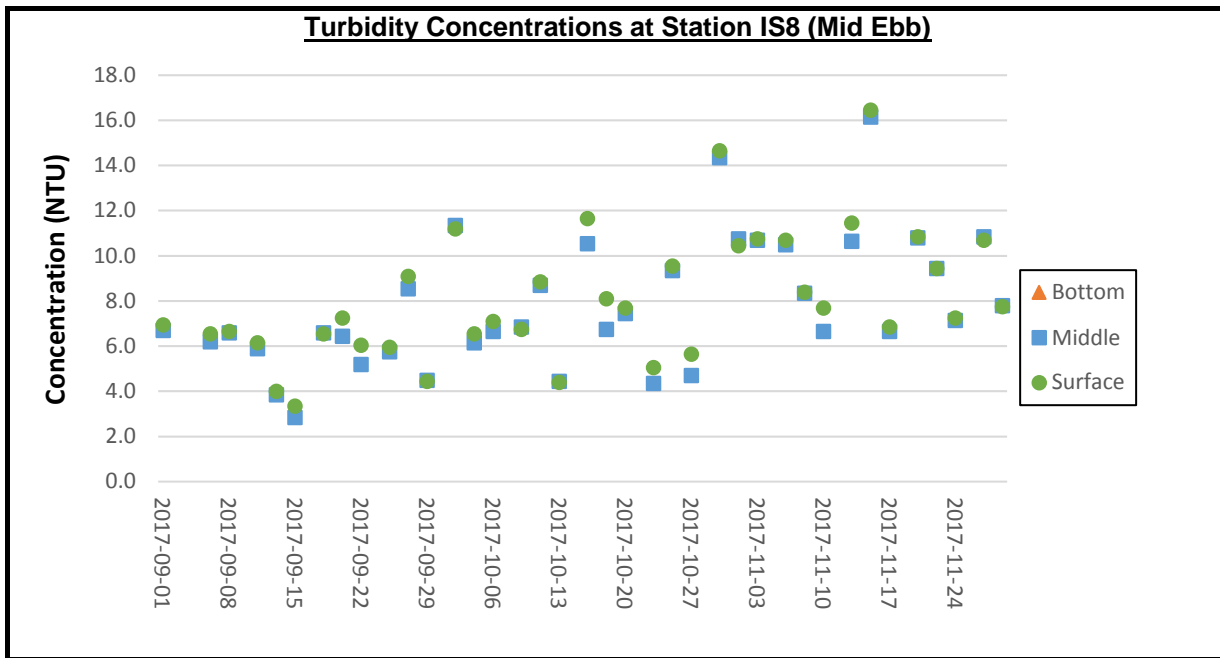




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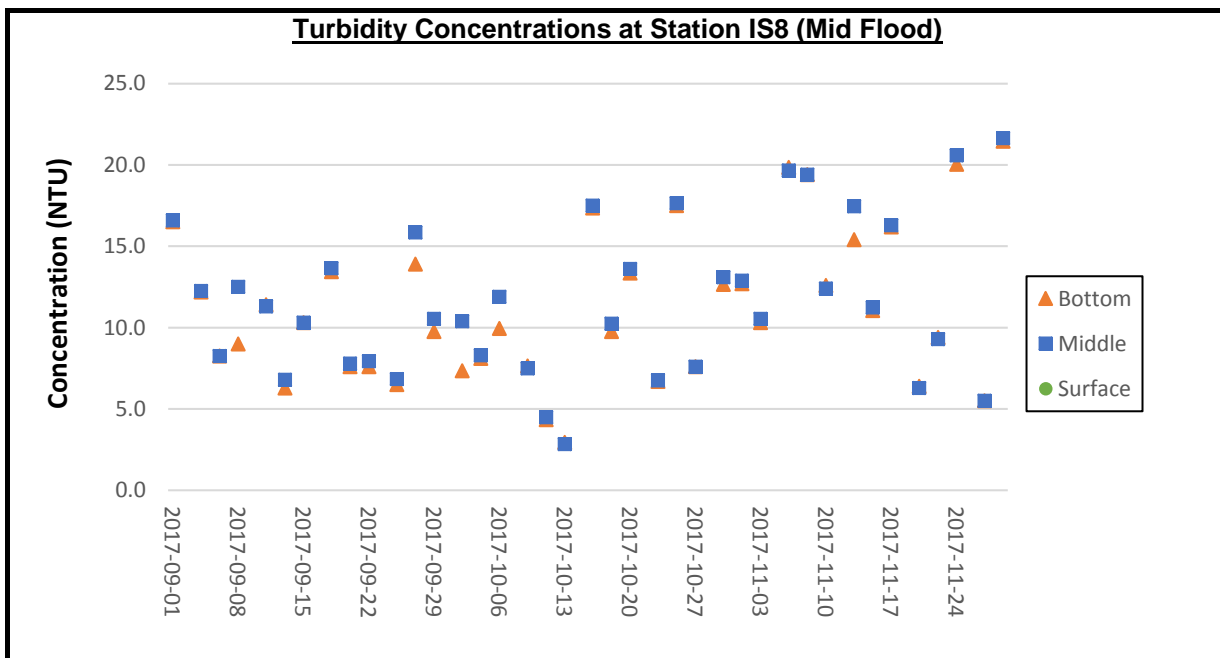
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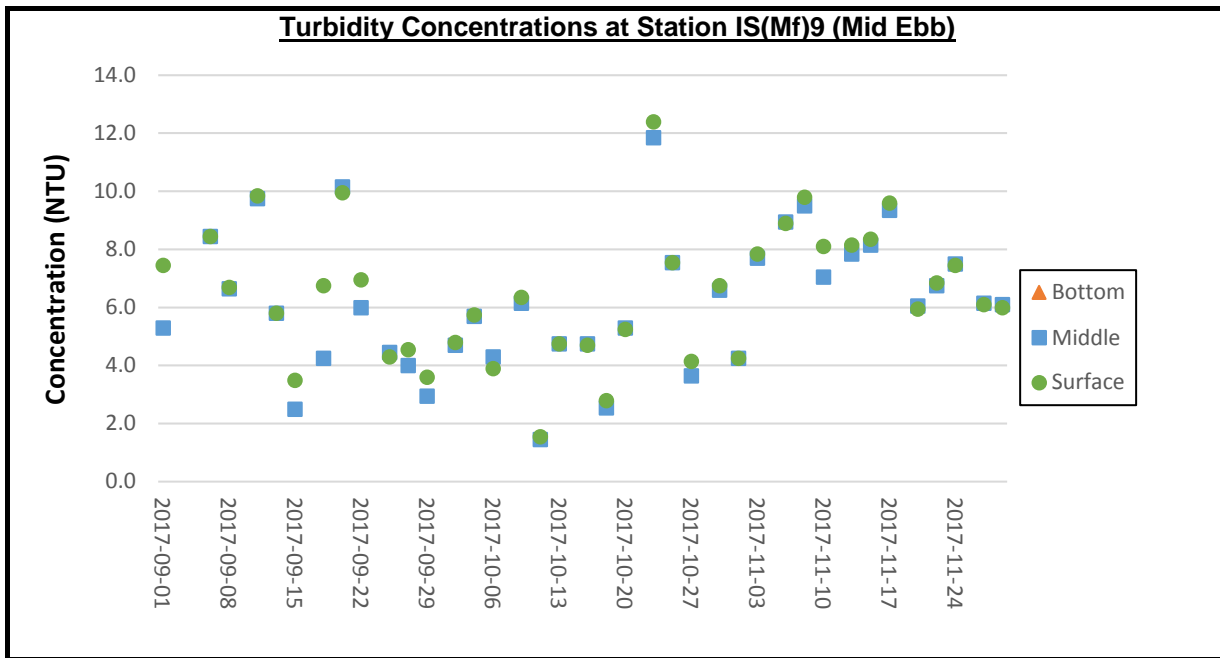




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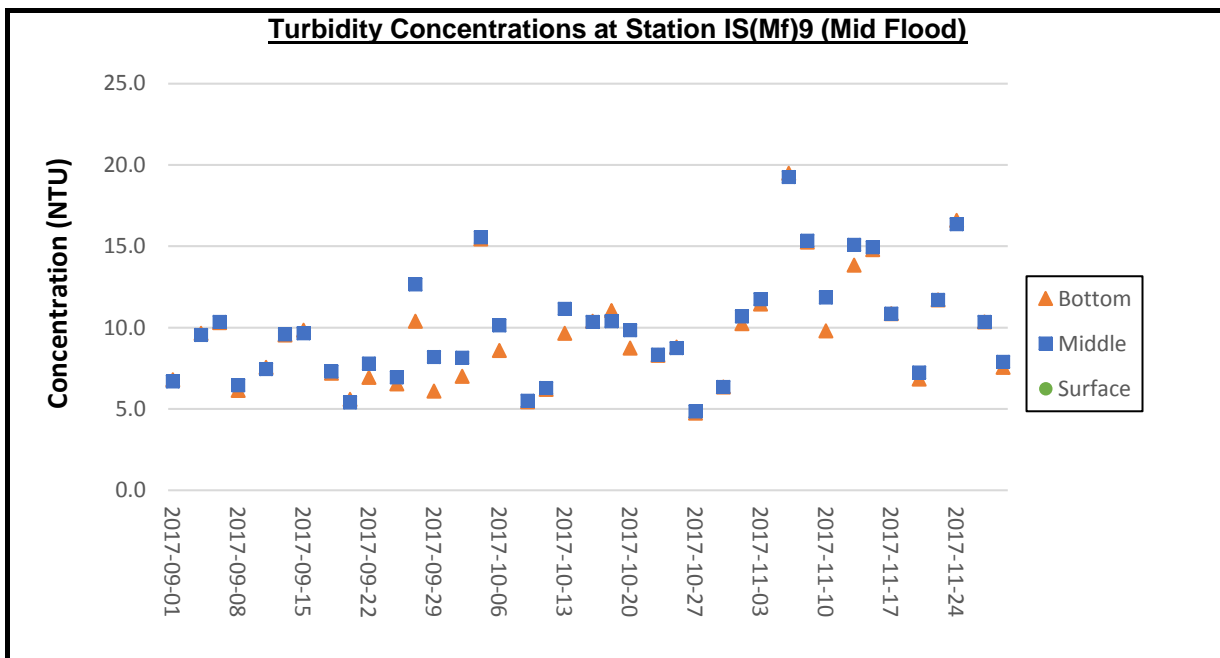
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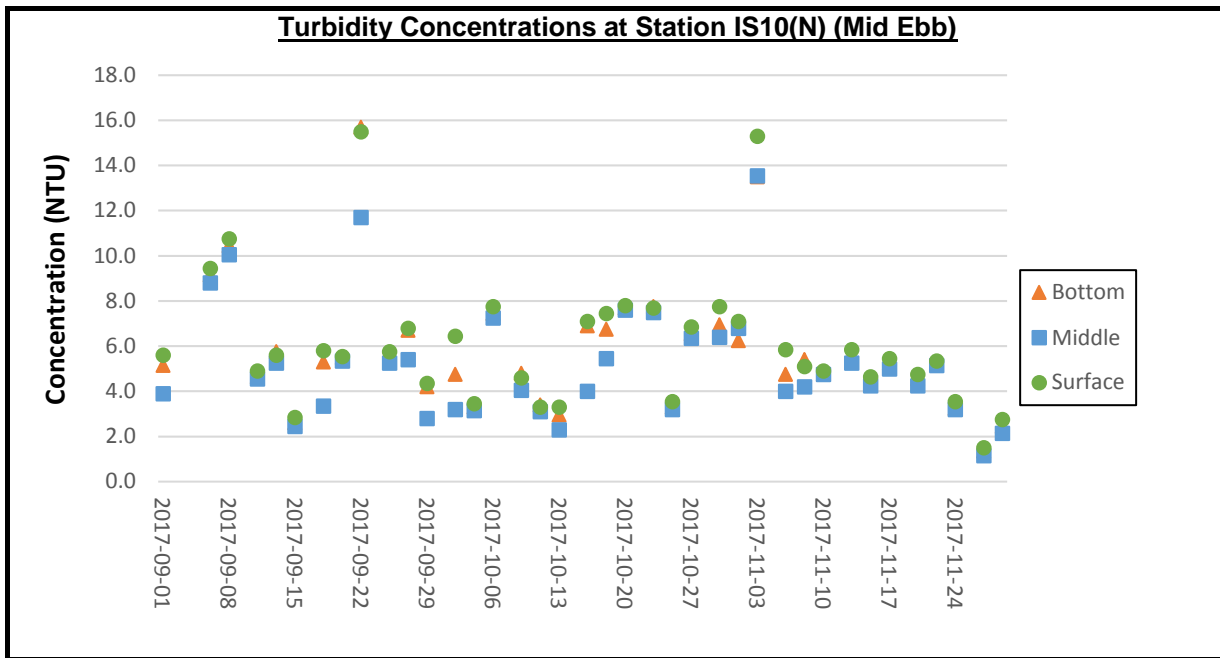




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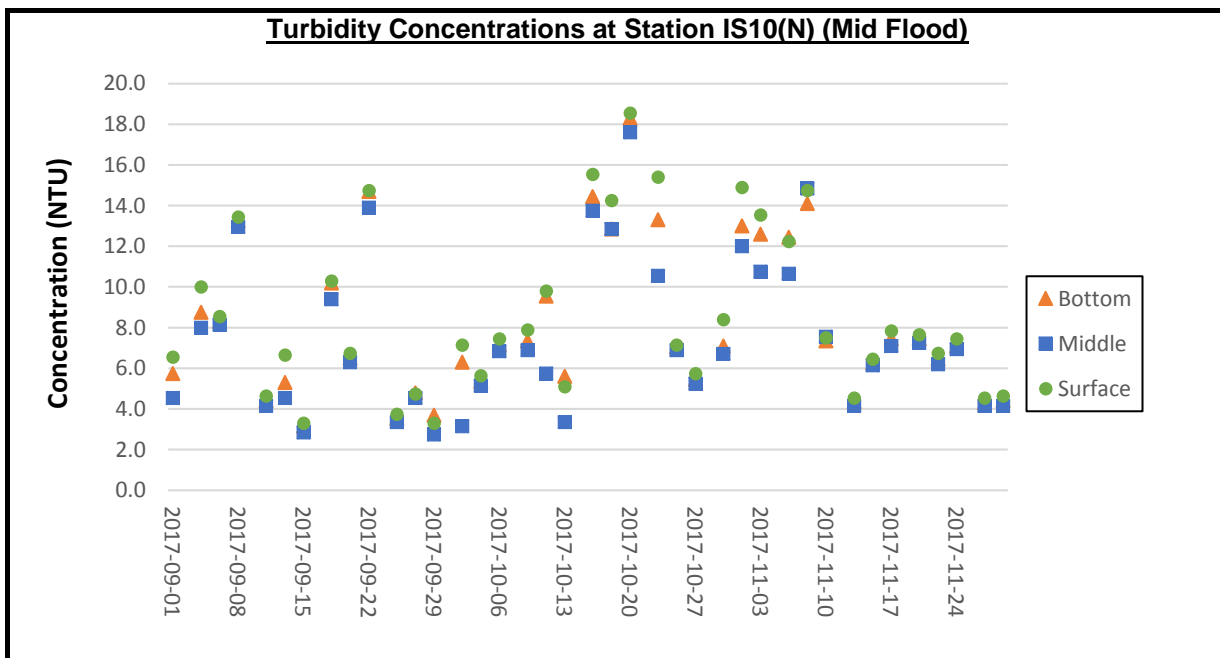
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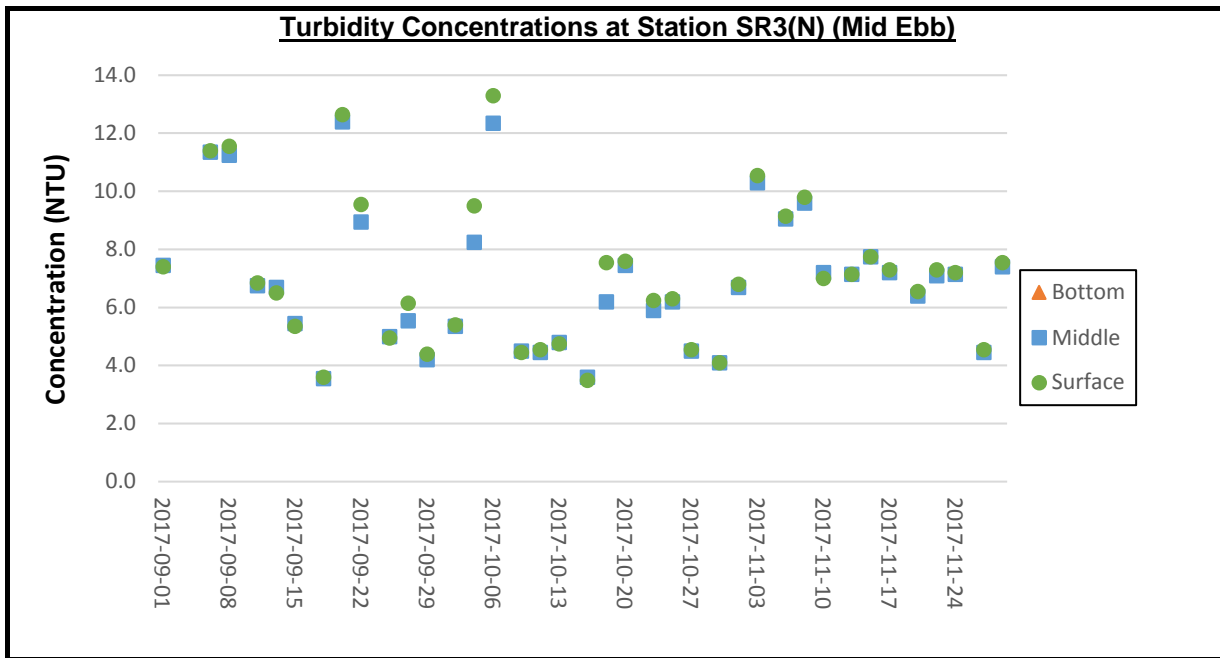




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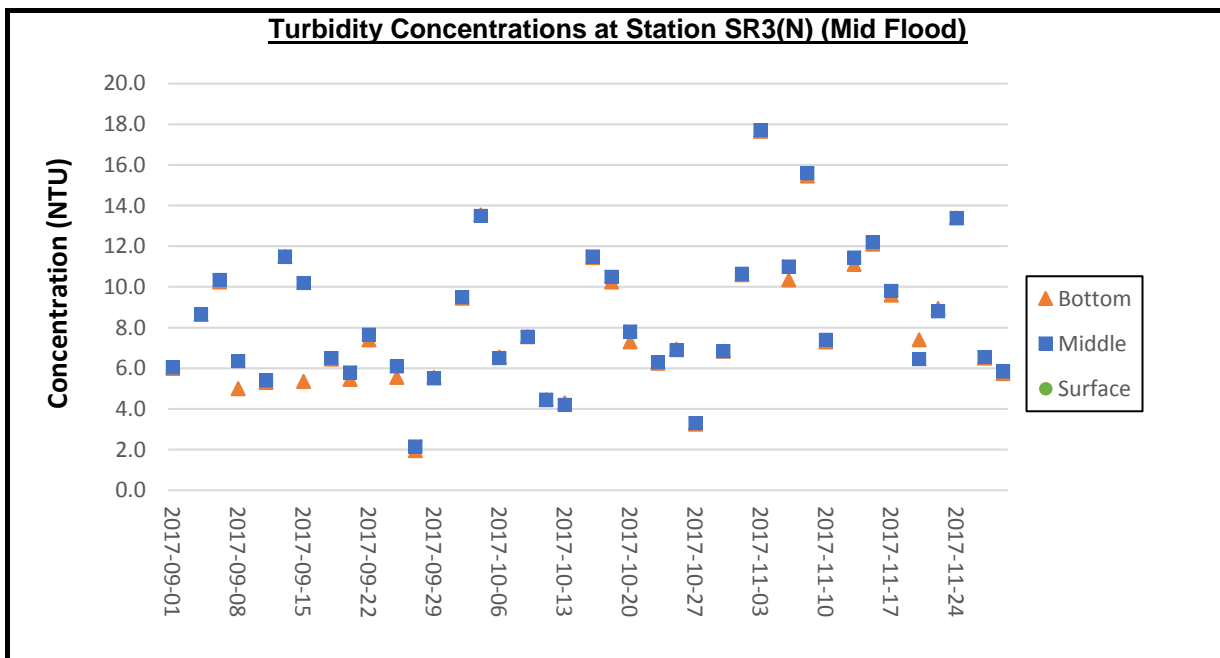
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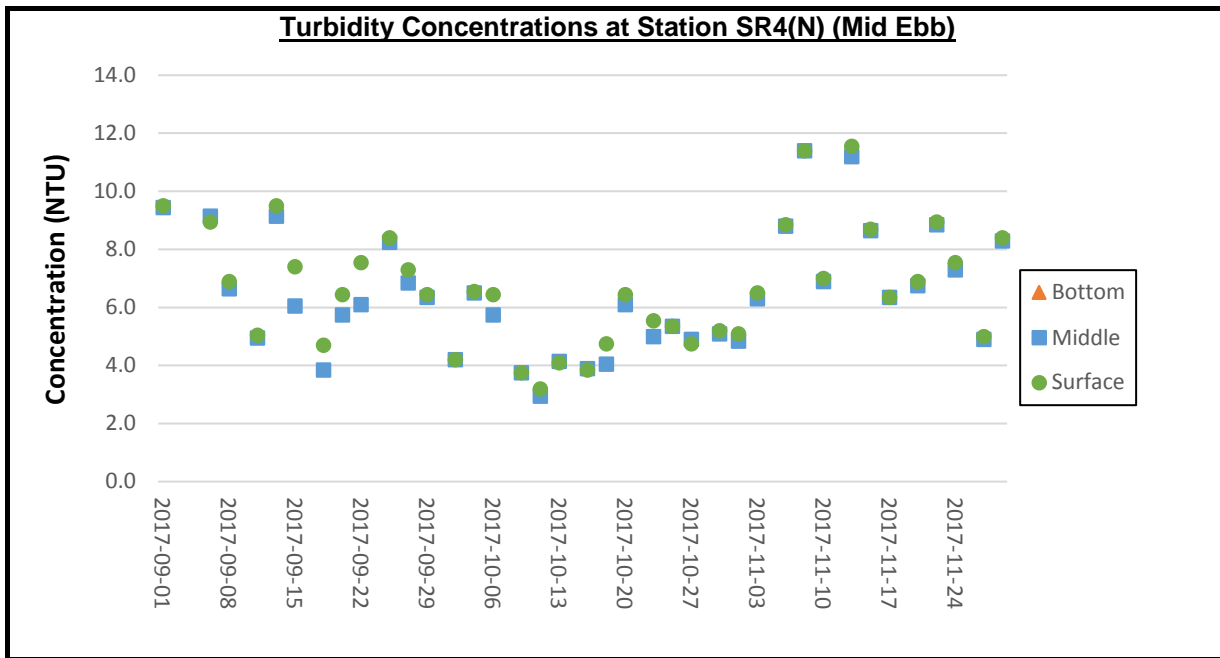




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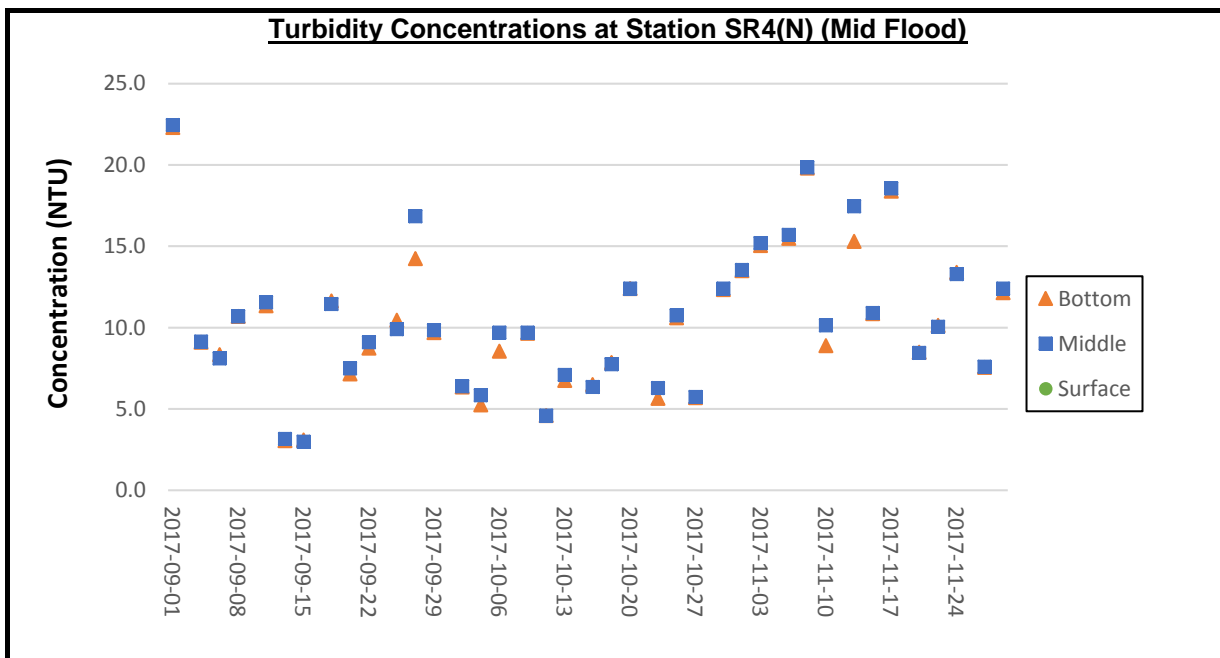
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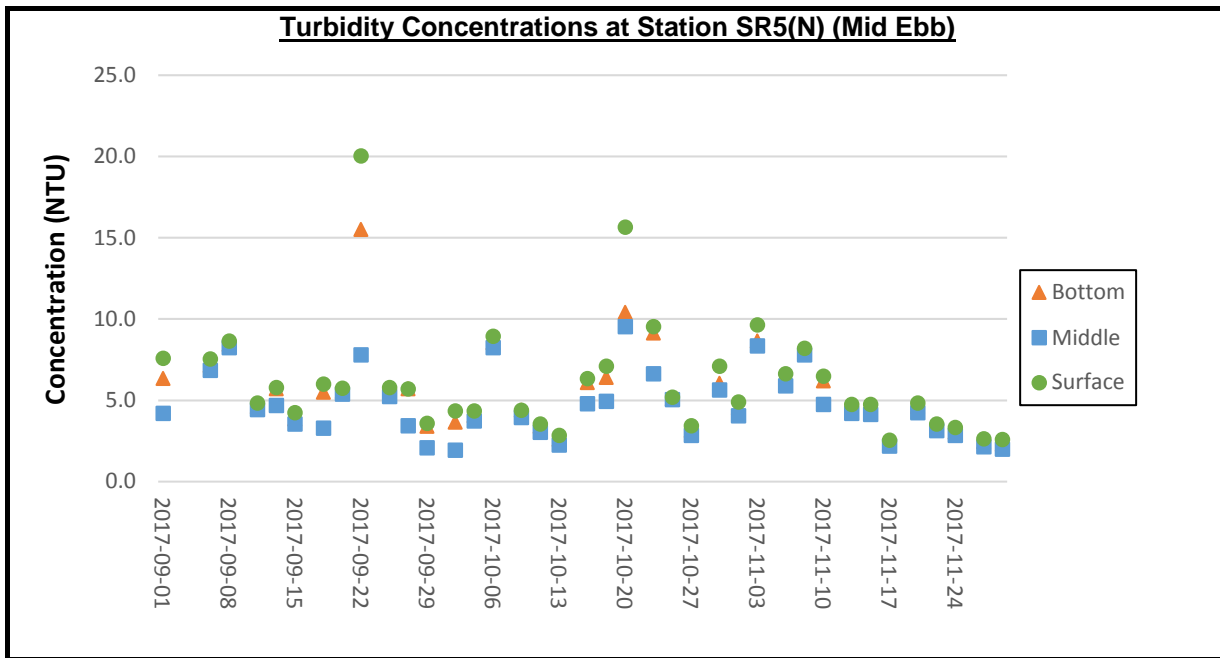


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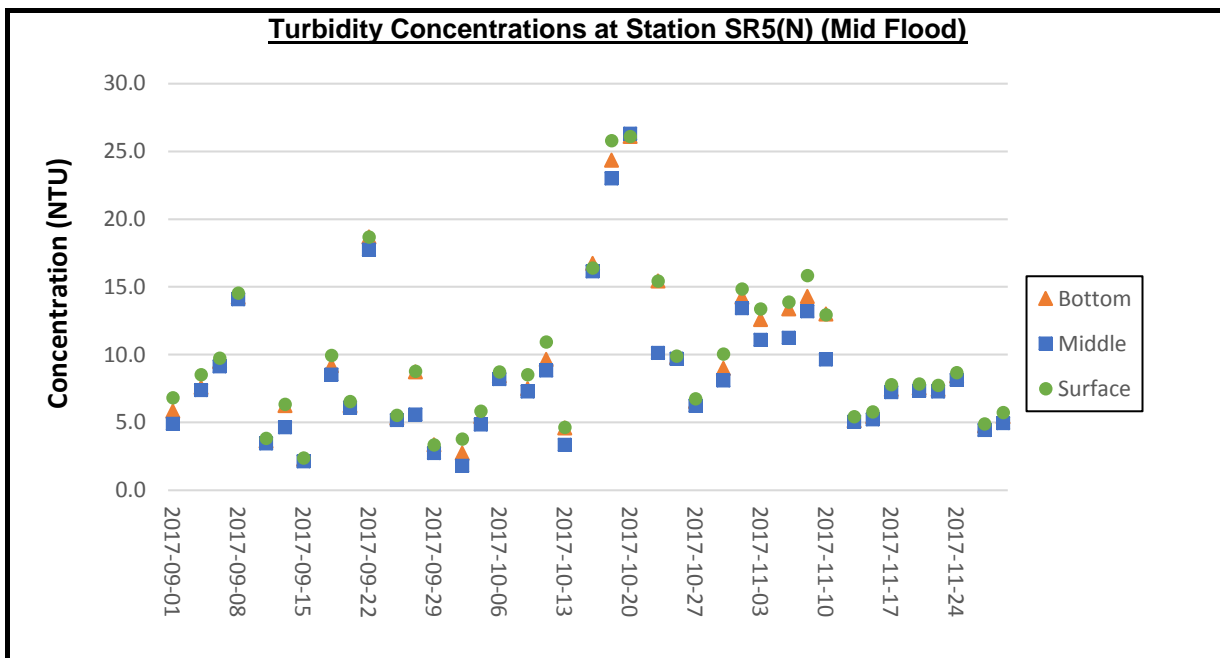


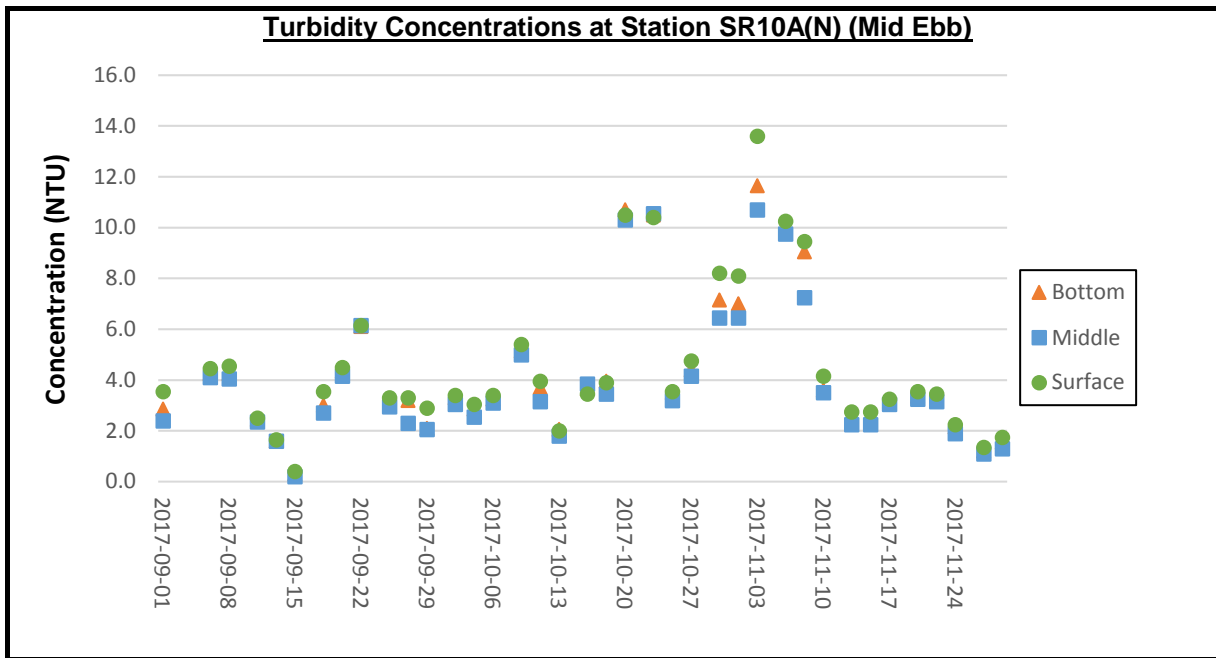




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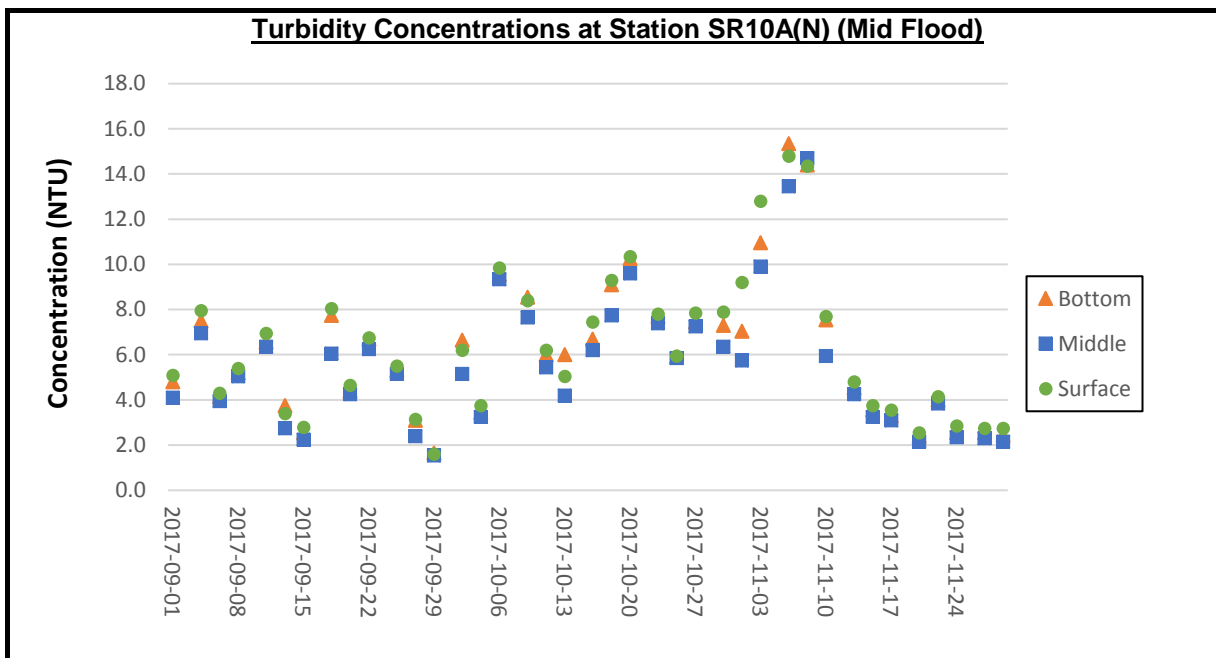
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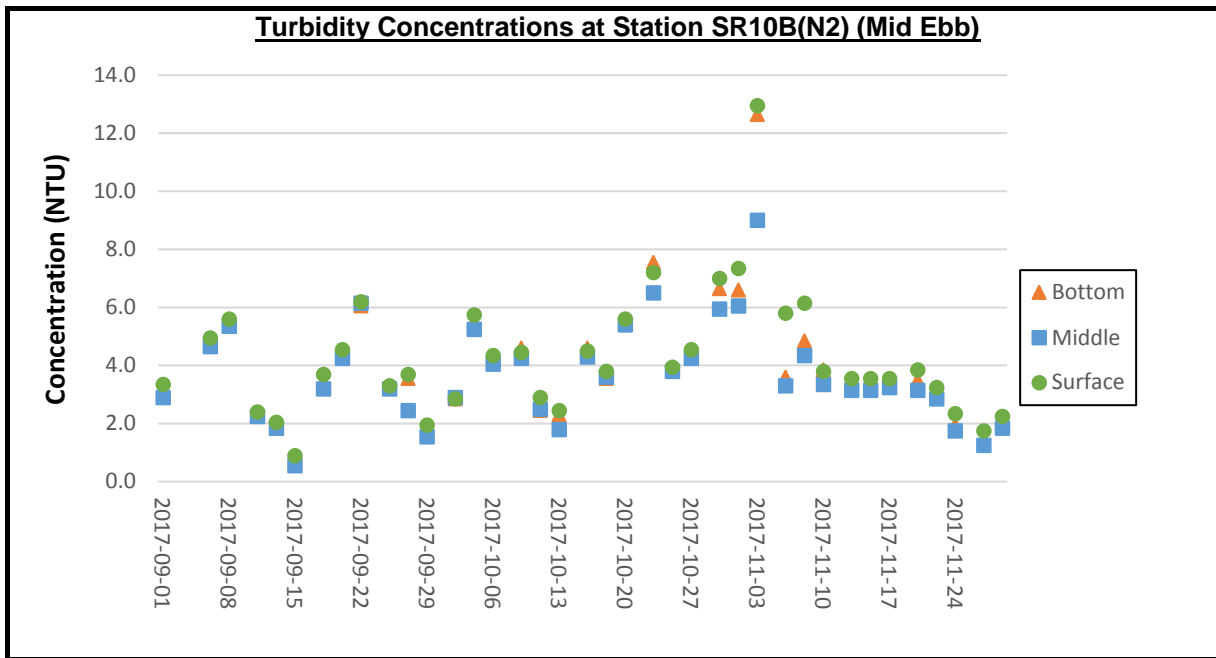




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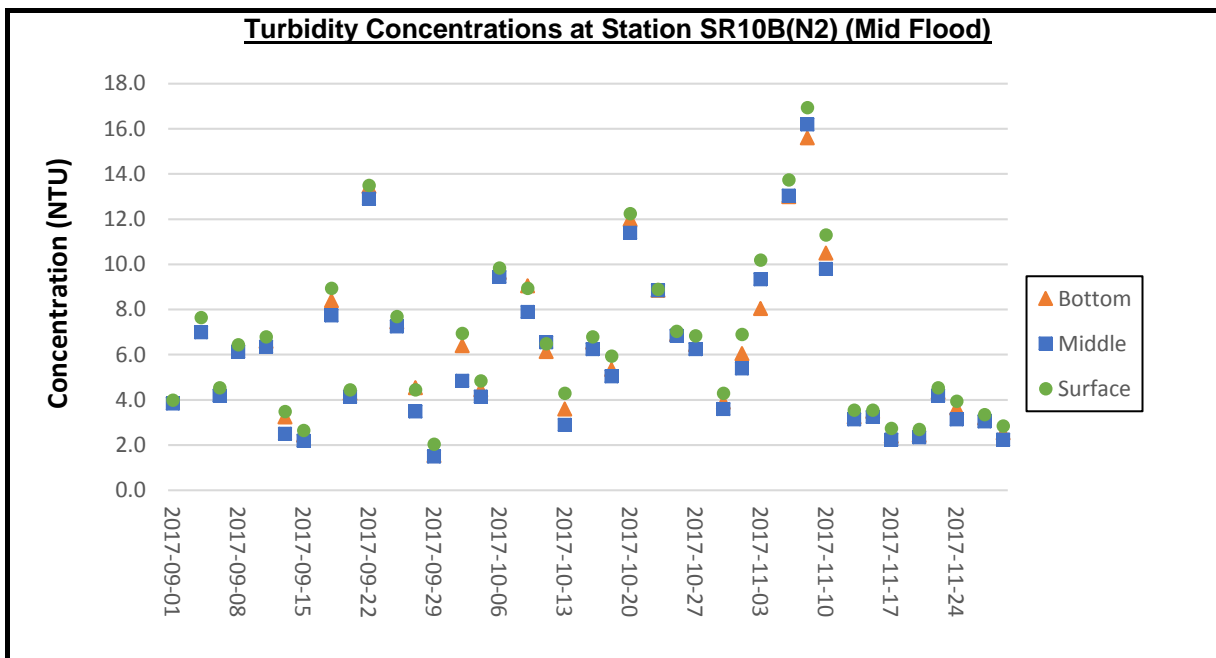
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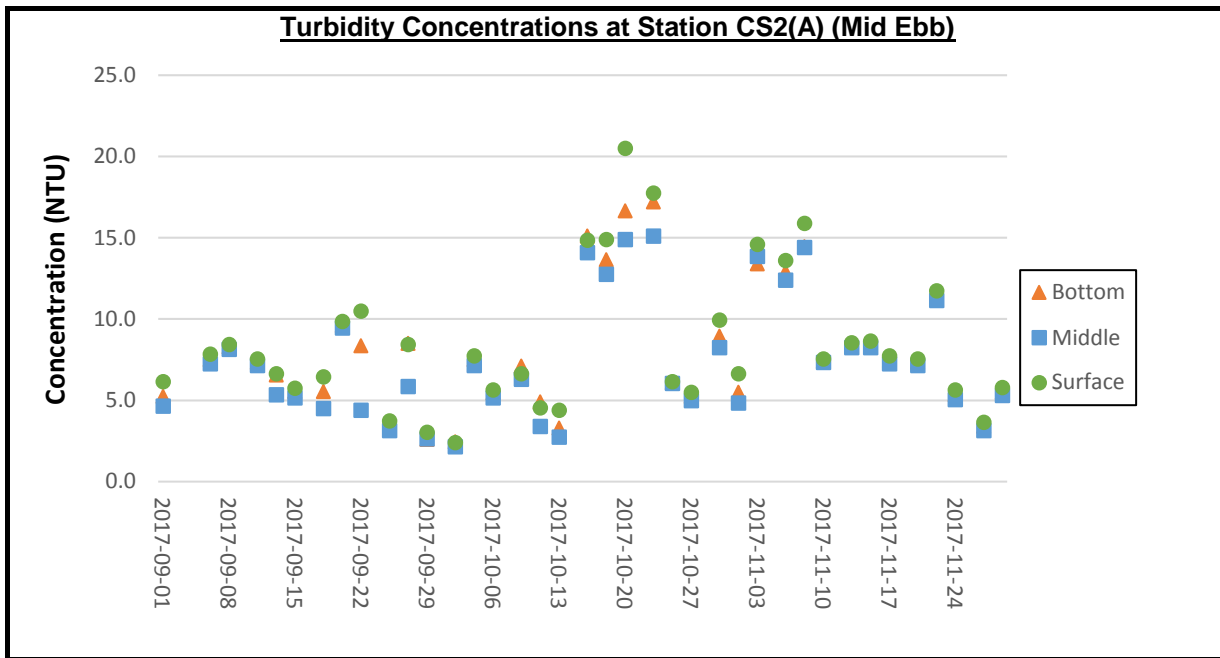




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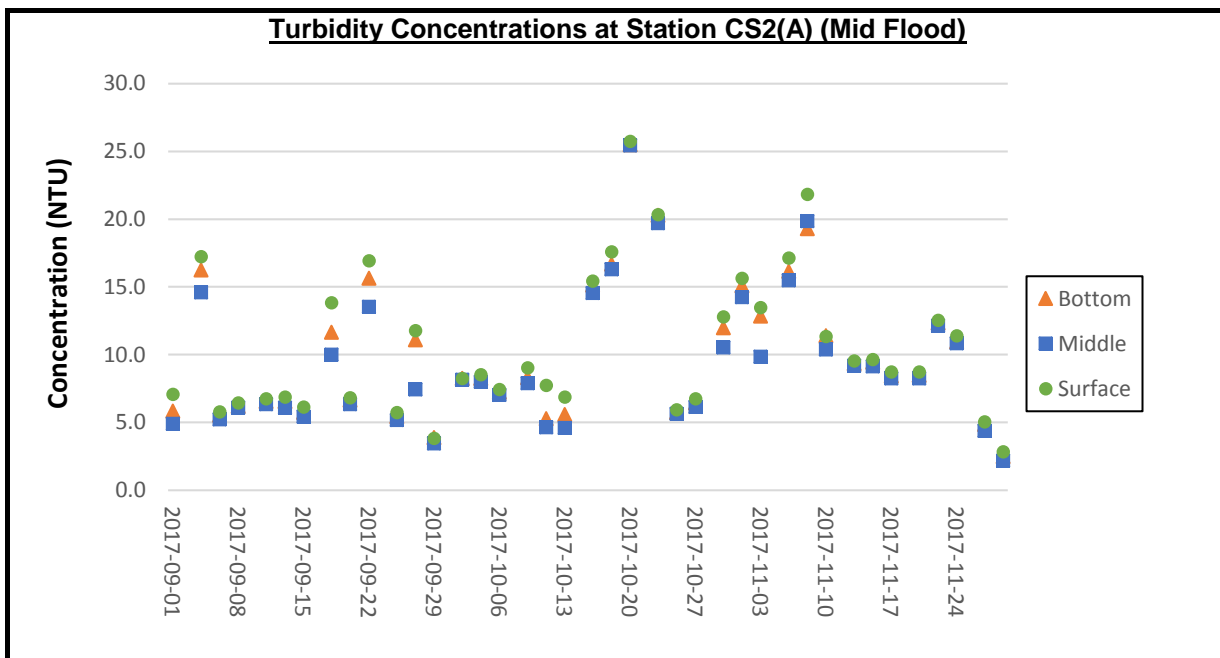
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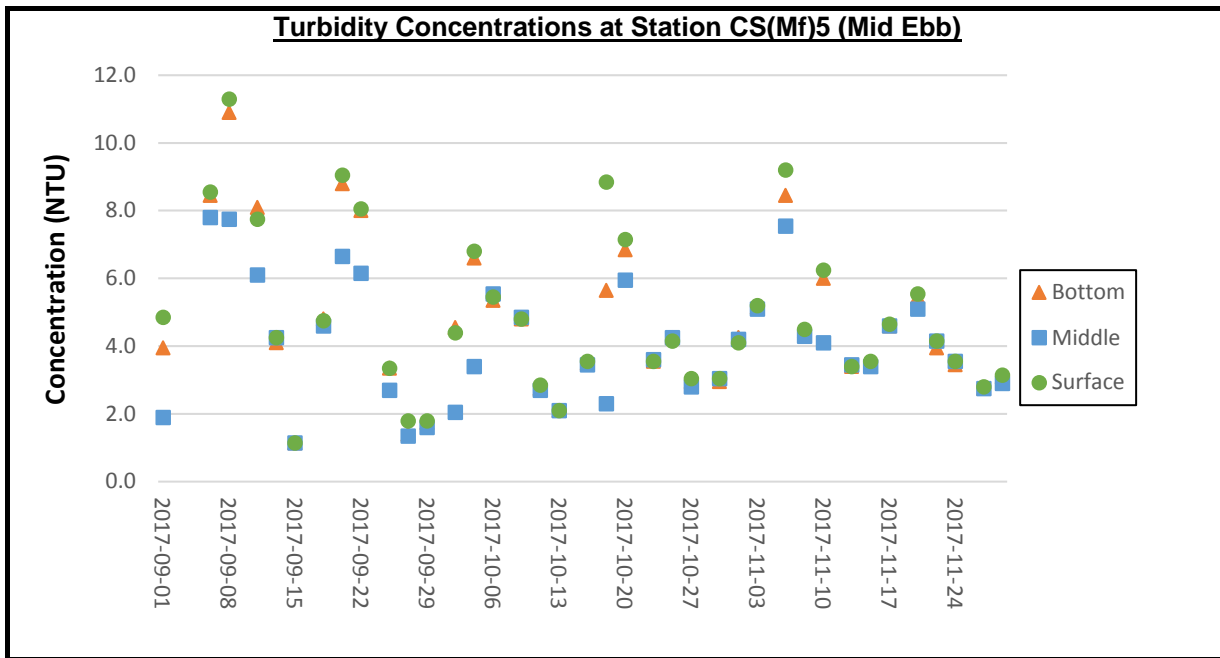




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