

**Summary Report - Water Quality - Routine Water Quality Monitoring for CMP 2**

Date: 11 May 2015

| Station ID      | Replicate | Arsenic | Cadmium | Chromium | Copper | Lead | Mercury | Nickel | Silver | Zinc | NH3-N | TIN   | BOD5 | SS   |
|-----------------|-----------|---------|---------|----------|--------|------|---------|--------|--------|------|-------|-------|------|------|
|                 |           | ug/L    | ug/L    | ug/L     | ug/L   | ug/L | ug/L    | ug/L   | ug/L   | ug/L | mg/L  | mg/L  | mg/L | mg/L |
| Reporting Limit |           | 1.0     | 0.1     | 1.0      | 1.0    | 1.0  | 0.1     | 1.0    | 1.0    | 1.0  | 0.005 | 0.015 | 0.5  | 2    |
| SB-IPF1         | 1         | 2.8     | <0.5    | 1.3      | 5.4    | 1.6  | <0.5    | 2.6    | <1     | 14.8 | 0.20  | 0.90  | 3    | 14   |
| SB-IPF1         | 2         | 1.6     | <0.5    | 1.8      | 6.5    | 1.6  | <0.5    | 2.7    | <1     | 14.0 | 0.20  | 0.90  | 2.7  | 10   |
| SB-IPF1         | 3         | 1.9     | <0.5    | 1.4      | 8.4    | 1.9  | <0.5    | 2.4    | <1     | 16.4 | 0.18  | 0.88  | 2.1  | 11   |
| SB-IPF1         | 4         | 2.2     | <0.5    | 1.5      | 7.0    | 1.5  | <0.5    | 2.2    | <1     | 16.3 | 0.18  | 0.88  | 3.7  | 12   |
| SB-IPF1         | 5         | 2.4     | <0.5    | 1.7      | 7.9    | 1.4  | <0.5    | 2.3    | <1     | 11.1 | 0.20  | 0.90  | 3.7  | 11   |
| SB-IPF1         | 6         | 2.5     | <0.5    | 2.1      | 7.4    | 1.0  | <0.5    | 2.1    | <1     | 12.4 | 0.20  | 0.90  | 2.4  | 11   |
| SB-IPF1         | 7         | 1.9     | <0.5    | 2.0      | 7.5    | 1.2  | <0.5    | 2.5    | <1     | 9.6  | 0.19  | 0.89  | 0.8  | 11   |
| SB-IPF1         | 8         | 2.1     | <0.5    | 1.9      | 6.4    | 1.2  | <0.5    | 2.3    | <1     | 11.2 | 0.20  | 0.90  | 0.9  | 12   |
| SB-IPF2         | 1         | 3.1     | <0.5    | 1.5      | 7.3    | 1.4  | <0.5    | 4.4    | <1     | 19.5 | 0.22  | 1.15  | 0.6  | 12   |
| SB-IPF2         | 2         | 2.3     | <0.5    | 2.1      | 4.6    | 1.0  | <0.5    | 4.5    | <1     | 11.8 | 0.22  | 1.14  | 1.1  | 12   |
| SB-IPF2         | 3         | 2.0     | <0.5    | 1.5      | 5.8    | 1.6  | <0.5    | 4.4    | <1     | 13.2 | 0.23  | 1.15  | 0.5  | 12   |
| SB-IPF2         | 4         | 2.4     | <0.5    | 1.7      | 6.5    | 1.3  | <0.5    | 3.9    | <1     | 16.6 | 0.24  | 1.16  | 0.7  | 12   |
| SB-IPF2         | 5         | 3.1     | <0.5    | 2.4      | 3.5    | 1.8  | <0.5    | 3.4    | <1     | 15.0 | 0.23  | 1.16  | 0.6  | 11   |
| SB-IPF2         | 6         | 2.8     | <0.5    | 3.9      | 3.6    | 1.5  | <0.5    | 2.1    | <1     | 11.7 | 0.24  | 1.07  | 0.6  | 11   |
| SB-IPF2         | 7         | 3.0     | <0.5    | 3.4      | 4.7    | 1.4  | <0.5    | 3.3    | <1     | 13.4 | 0.23  | 1.16  | 1    | 11   |
| SB-IPF2         | 8         | 2.5     | <0.5    | 3.1      | 4.2    | 1.8  | <0.5    | 2.9    | <1     | 16.3 | 0.24  | 1.13  | 0.9  | 11   |
| SB-IPF3         | 1         | 2.0     | <0.5    | 1.5      | 6.0    | 1.3  | <0.5    | 1.9    | <1     | 15.8 | 0.19  | 0.83  | 1    | 12   |
| SB-IPF3         | 2         | 2.4     | <0.5    | 1.5      | 6.2    | 1.4  | <0.5    | 2.0    | <1     | 17.4 | 0.21  | 0.85  | 1.2  | 11   |
| SB-IPF3         | 3         | 2.6     | <0.5    | 1.1      | 5.6    | 1.7  | <0.5    | 2.3    | <1     | 21.6 | 0.20  | 0.84  | 1.1  | 11   |
| SB-IPF3         | 4         | 2.3     | <0.5    | 1.3      | 7.2    | 1.3  | <0.5    | 2.1    | <1     | 17.1 | 0.19  | 0.83  | 1.2  | 12   |
| SB-IPF3         | 5         | 2.1     | <0.5    | <1       | 8.4    | 6.1  | <0.5    | 3.1    | <1     | 9.6  | 0.19  | 0.83  | 1.2  | 12   |
| SB-IPF3         | 6         | 2.6     | <0.5    | <1       | 6.3    | 5.9  | <0.5    | 3.4    | <1     | 14.3 | 0.21  | 0.85  | 1.1  | 13   |
| SB-IPF3         | 7         | 2.1     | <0.5    | <1       | 5.7    | 4.8  | <0.5    | 3.4    | <1     | 11.3 | 0.21  | 0.84  | 1    | 13   |
| SB-INF1         | 1         | 2.2     | <0.5    | 1.0      | 1.6    | <1   | <0.5    | 3.6    | <1     | 8.4  | 0.19  | 1.30  | 0.9  | 8    |
| SB-INF1         | 2         | 2.6     | <0.5    | 1.0      | 2.0    | <1   | <0.5    | 3.0    | <1     | 9.5  | 0.24  | 1.35  | 0.7  | 8    |
| SB-INF1         | 3         | 2.6     | <0.5    | 1.3      | 2.3    | <1   | <0.5    | 3.2    | <1     | 9.3  | 0.21  | 1.31  | 0.9  | 7    |
| SB-INF1         | 4         | 2.4     | <0.5    | 1.2      | 2.1    | <1   | <0.5    | 3.1    | <1     | 7.7  | 0.26  | 1.35  | 1.1  | 7    |
| SB-INF1         | 5         | 1.6     | <0.5    | <1       | 1.4    | <1   | <0.5    | 2.5    | <1     | 5.6  | 0.21  | 1.31  | 0.8  | 7    |
| SB-INF1         | 6         | 2.1     | <0.5    | <1       | 1.8    | <1   | <0.5    | 2.0    | <1     | 5.2  | 0.22  | 1.33  | 1.1  | 8    |
| SB-INF1         | 7         | 2.0     | <0.5    | <1       | 1.5    | <1   | <0.5    | 2.4    | <1     | 4.9  | 0.18  | 1.29  | 0.9  | 8    |
| SB-INF1         | 8         | 1.9     | <0.5    | <1       | 1.8    | <1   | <0.5    | 2.0    | <1     | 4.9  | 0.20  | 1.32  | 1    | 7    |
| SB-INF2         | 1         | 1.8     | <0.5    | 1.0      | 4.0    | 1.2  | <0.5    | 0.7    | <1     | 12.2 | 0.15  | 0.42  | 0.6  | 10   |
| SB-INF2         | 2         | 1.7     | <0.5    | 1.1      | 6.6    | 1.4  | <0.5    | 0.9    | <1     | 10.5 | 0.14  | 0.38  | <0.5 | 10   |
| SB-INF2         | 3         | 2.2     | <0.5    | 1.0      | 4.3    | 0.9  | <0.5    | 1.1    | <1     | 12.7 | 0.13  | 0.37  | <0.5 | 10   |
| SB-INF2         | 4         | 2.2     | <0.5    | 1.4      | 5.2    | 1.1  | <0.5    | 1.0    | <1     | 11.4 | 0.13  | 0.37  | 0.5  | 11   |
| SB-INF2         | 5         | 2.6     | <0.5    | 1.7      | 3.3    | 1.2  | <0.5    | 1.1    | <1     | 11.8 | 0.15  | 0.41  | 0.7  | 11   |
| SB-INF2         | 6         | 2.9     | <0.5    | 1.5      | 5.3    | 1.2  | <0.5    | 1.2    | <1     | 7.8  | 0.14  | 0.40  | <0.5 | 11   |
| SB-INF2         | 7         | 2.8     | <0.5    | 1.2      | 4.3    | 1.0  | <0.5    | 0.8    | <1     | 10.9 | 0.14  | 0.41  | 0.5  | 11   |
| SB-INF2         | 8         | 2.3     | <0.5    | 1.3      | 4.7    | 1.0  | <0.5    | 1.1    | <1     | 10.8 | 0.14  | 0.38  | 0.7  | 12   |
| SB-INF3         | 1         | 2.2     | <0.5    | 0.8      | 2.7    | <1   | <0.5    | <1     | <1     | 10.7 | 0.13  | 0.47  | 1    | 6    |
| SB-INF3         | 2         | 2.9     | <0.5    | 0.8      | 2.1    | <1   | <0.5    | <1     | <1     | 11.1 | 0.15  | 0.49  | 1.5  | 6    |
| SB-INF3         | 3         | 1.6     | <0.5    | 0.9      | 2.8    | <1   | <0.5    | <1     | <1     | 7.6  | 0.14  | 0.47  | 1    | 6    |
| SB-INF3         | 4         | 2.3     | <0.5    | 1.1      | 2.3    | <1   | <0.5    | <1     | <1     | 10.7 | 0.14  | 0.48  | 0.8  | 6    |
| SB-INF3         | 5         | 2.6     | <0.5    | <1       | 2.5    | <1   | <0.5    | 0.9    | <1     | 7.5  | 0.14  | 0.48  | 1    | 6    |
| SB-INF3         | 6         | 3.2     | <0.5    | <1       | 2.3    | <1   | <0.5    | 1.5    | <1     | 6.2  | 0.16  | 0.49  | 1.2  | 6    |
| SB-INF3         | 7         | 3.0     | <0.5    | <1       | 1.6    | <1   | <0.5    | 1.0    | <1     | 4.7  | 0.14  | 0.47  | 1.2  | 6    |
| SB-INF3         | 8         | 2.5     | <0.5    | <1       | 2.0    | <1   | <0.5    | 1.3    | <1     | 6.0  | 0.15  | 0.49  | 1.6  | 6    |
| SB-RFF1         | 1         | 2.8     | <0.5    | 0.9      | 7.7    | <1   | <0.5    | 2.7    | <1     | 6.8  | 0.23  | 1.41  | 0.8  | 14   |
| SB-RFF1         | 2         | 1.7     | <0.5    | 0.9      | 11.5   | <1   | <0.5    | 2.5    | <1     | 11.0 | 0.21  | 1.29  | 0.9  | 15   |
| SB-RFF1         | 3         | 3.0     | <0.5    | 1.0      | 8.8    | <1   | <0.5    | 2.5    | <1     | 8.2  | 0.21  | 1.30  | 0.9  | 16   |
| SB-RFF1         | 4         | 2.3     | <0.5    | 1.0      | 9.6    | <1   | <0.5    | 3.0    | <1     | 8.7  | 0.23  | 1.32  | 0.9  | 15   |
| SB-RFF1         | 5         | 2.9     | <0.5    | 0.9      | 9.3    | <1   | <0.5    | 2.4    | <1     | 10.3 | 0.20  | 1.28  | 0.8  | 14   |
| SB-RFF1         | 6         | 2.9     | <0.5    | 1.3      | 9.3    | <1   | <0.5    | 2.2    | <1     | 12.9 | 0.22  | 1.30  | 0.9  | 13   |
| SB-RFF1         | 7         | 2.8     | <0.5    | 1.3      | 12.1   | <1   | <0.5    | 3.4    | <1     | 7.5  | 0.23  | 1.31  | 0.7  | 14   |
| SB-RFF1</       |           |         |         |          |        |      |         |        |        |      |       |       |      |      |

**Summary Report - Water Quality - Routine Water Quality Monitoring for CMP 2**

**Date: 11 May 2015**

| Station ID      | Replicate | Arsenic<br>ug/L | Cadmium<br>ug/L | Chromium<br>ug/L | Copper<br>ug/L | Lead<br>ug/L | Mercury<br>ug/L | Nickel<br>ug/L | Silver<br>ug/L | Zinc<br>ug/L | NH3-N<br>mg/L | TIN<br>mg/L  | BOD5<br>mg/L | SS<br>mg/L |
|-----------------|-----------|-----------------|-----------------|------------------|----------------|--------------|-----------------|----------------|----------------|--------------|---------------|--------------|--------------|------------|
| Reporting Limit |           | <b>1.0</b>      | <b>0.1</b>      | <b>1.0</b>       | <b>1.0</b>     | <b>1.0</b>   | <b>0.1</b>      | <b>1.0</b>     | <b>1.0</b>     | <b>1.0</b>   | <b>0.005</b>  | <b>0.015</b> | <b>0.5</b>   | <b>2</b>   |
| THB2            | 4         | 2.1             | <0.5            | <1               | 1.4            | <1           | <0.5            | 2.5            | <1             | 4.4          | 0.15          | 1.32         | 0.9          | 6          |
| THB2            | 5         | 1.6             | <0.5            | <1               | 2.2            | <1           | <0.5            | 2.4            | <1             | 6.8          | 0.16          | 1.35         | 0.9          | 5          |
| THB2            | 6         | 2.3             | <0.5            | 1.2              | 1.7            | <1           | <0.5            | 2.3            | <1             | 6.5          | 0.15          | 1.32         | 0.8          | 5          |
| THB2            | 7         | 2.3             | <0.5            | 1.3              | 2.2            | <1           | <0.5            | 2.9            | <1             | 6.6          | 0.17          | 1.34         | 1            | 6          |
| THB2            | 8         | 2.2             | <0.5            | 1.0              | 1.7            | <1           | <0.5            | 2.9            | <1             | 5.4          | 0.15          | 1.33         | 1            | 5          |
| WSR45C          | 1         | 2.4             | <0.5            | <1               | 5.2            | <1           | <0.5            | 1.3            | <1             | 13.9         | 0.19          | 0.65         | 0.7          | 13         |
| WSR45C          | 2         | 2.0             | <0.5            | <1               | 5.0            | <1           | <0.5            | 1.9            | <1             | 11.7         | 0.21          | 0.69         | 0.9          | 11         |
| WSR45C          | 3         | 2.6             | <0.5            | <1               | 3.8            | <1           | <0.5            | 1.3            | <1             | 14.4         | 0.19          | 0.66         | 1.4          | 12         |
| WSR45C          | 4         | 2.4             | <0.5            | <1               | 4.7            | <1           | <0.5            | 1.8            | <1             | 15.7         | 0.19          | 0.66         | 1            | 11         |
| WSR45C          | 5         | 2.4             | <0.5            | <1               | 5.7            | <1           | <0.5            | 1.3            | <1             | 16.5         | 0.19          | 0.66         | 0.8          | 12         |
| WSR45C          | 6         | 1.8             | <0.5            | <1               | 4.7            | <1           | <0.5            | 1.6            | <1             | 14.6         | 0.22          | 0.67         | 0.9          | 12         |
| WSR45C          | 7         | 2.7             | <0.5            | <1               | 5.1            | <1           | <0.5            | 1.6            | <1             | 14.5         | 0.19          | 0.66         | 0.8          | 13         |
| WSR45C          | 8         | 2.2             | <0.5            | <1               | 4.7            | <1           | <0.5            | 1.3            | <1             | 13.2         | 0.21          | 0.68         | 0.8          | 12         |
| WSR46           | 1         | 2.4             | <0.5            | <1               | 2.7            | <1           | <0.5            | 2.2            | <1             | 5.5          | 0.21          | 0.92         | 1.2          | 11         |
| WSR46           | 2         | 3.1             | <0.5            | <1               | 2.3            | <1           | <0.5            | 2.0            | <1             | 7.9          | 0.21          | 0.92         | 1            | 12         |
| WSR46           | 3         | 1.8             | <0.5            | <1               | 2.0            | <1           | <0.5            | 1.4            | <1             | 7.7          | 0.19          | 0.90         | <0.5         | 12         |
| WSR46           | 4         | 2.5             | <0.5            | <1               | 2.5            | <1           | <0.5            | 1.8            | <1             | 7.1          | 0.18          | 0.90         | 0.9          | 11         |
| WSR46           | 5         | 2.6             | <0.5            | <1               | 2.3            | <1           | <0.5            | 1.9            | <1             | 6.0          | 0.21          | 0.92         | 0.8          | 11         |
| WSR46           | 6         | 2.1             | <0.5            | <1               | 2.5            | <1           | <0.5            | 1.7            | <1             | 5.6          | 0.21          | 0.92         | 1.1          | 11         |
| WSR46           | 7         | 1.8             | <0.5            | <1               | 2.3            | <1           | <0.5            | 1.7            | <1             | 5.9          | 0.20          | 0.91         | 1            | 11         |
| WSR46           | 8         | 2.4             | <0.5            | <1               | 2.6            | <1           | <0.5            | 1.9            | <1             | 5.9          | 0.18          | 0.90         | 0.9          | 11         |

Note: SB-INE/INF - Intermediate stations; SB-IPE/IPF - Impact stations; SB-RFE/RFF - Reference stations; MW - Ma Wan station; THB1/2 - Tai Ho Bai stations; WSR45C - Sham Shui Kok station; WSR46 - Tai Mo To station.