

Summary Report - Water Quality - Routine Water Quality Monitoring for CMP 1

Date: 13 May 2014

| Station ID | Replicate | Arsenic ug/L | Cadmium ug/L | Chromium ug/L | Copper ug/L | Lead ug/L | Mercury ug/L | Nickel ug/L | Silver ug/L | Zinc ug/L | NH3-N mg/L | TIN mg/L | BOD5 mg/L | SS 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-RFE2 | 1 | 2 | <0.1 | <1 | 5.9 | 2.5 | <0.1 | 3.6 | <1 | 18 | 0.36 | 0.8 | 0.8 | 37 |
| SB-RFE2 | 2 | 2.2 | <0.1 | <1 | 5 | 2.3 | <0.1 | 3.9 | <1 | 13 | 0.33 | 0.75 | 0.8 | 41 |
| SB-RFE2 | 3 | 2.3 | <0.1 | 2.7 | 5.6 | 2.3 | <0.1 | 4.7 | <1 | 13 | 0.33 | 0.79 | 0.8 | 41 |
| SB-RFE2 | 4 | 2.2 | <0.1 | 6.7 | 4.9 | 2.1 | <0.1 | 7.3 | <1 | 13 | 0.33 | 0.74 | 0.9 | 43 |
| SB-RFE2 | 5 | 2.5 | <0.1 | <1 | 5.4 | 2.6 | <0.1 | 3.9 | <1 | 15 | 0.39 | 1.02 | 0.9 | 46 |
| SB-RFE2 | 6 | 2.3 | <0.1 | 1 | 4.4 | 2.3 | <0.1 | 4.3 | <1 | 11 | 0.41 | 1.04 | 1 | 51 |
| SB-RFE2 | 7 | 2.1 | <0.1 | <1 | 5.3 | 2.3 | <0.1 | 3.6 | <1 | 11 | 0.36 | 0.89 | 1 | 54 |
| SB-RFE2 | 8 | 2.5 | <0.1 | <1 | 5.7 | 2.5 | <0.1 | 4.1 | <1 | 7.5 | 0.38 | 0.92 | 0.9 | 52 |
| SB-RFE3 | 1 | 1.4 | <0.1 | <1 | 4.4 | 1.8 | <0.1 | 1.9 | <1 | 9.6 | 0.25 | 0.49 | 0.6 | 18 |
| SB-RFE3 | 2 | 1.8 | <0.1 | <1 | 4.6 | 1.5 | <0.1 | 1.8 | <1 | 10 | 0.23 | 0.45 | 0.5 | 18 |
| SB-RFE3 | 3 | 1.6 | <0.1 | <1 | 4.4 | 1.3 | <0.1 | 1.8 | <1 | 11 | 0.23 | 0.45 | 0.5 | 20 |
| SB-RFE3 | 4 | 2 | <0.1 | <1 | 3.5 | 1.1 | <0.1 | 1.8 | <1 | 10 | 0.25 | 0.53 | 0.6 | 21 |
| SB-RFE3 | 5 | 1.5 | <0.1 | <1 | 5.1 | 1.5 | <0.1 | 1.7 | <1 | 5.8 | 0.28 | 0.56 | 0.6 | 20 |
| SB-RFE3 | 6 | 1.6 | <0.1 | <1 | 6.2 | 2.3 | <0.1 | 2.3 | <1 | 14 | 0.25 | 0.51 | 0.6 | 21 |
| SB-RFE3 | 7 | 1.5 | <0.1 | <1 | 5.7 | 1.7 | <0.1 | 1.6 | <1 | 12 | 0.23 | 0.45 | 0.6 | 19 |
| SB-RFE3 | 8 | 1.6 | <0.1 | <1 | 3.9 | 1.3 | <0.1 | 2.2 | <1 | 7.9 | 0.27 | 0.56 | 0.6 | 20 |
| SB-RFE4 | 1 | 1.6 | <0.1 | <1 | 2.3 | <1 | <0.1 | 1.4 | <1 | 6.2 | 0.26 | 0.53 | 1.1 | 8 |
| SB-RFE4 | 2 | 1.3 | <0.1 | <1 | 3 | 1.2 | <0.1 | 1.4 | <1 | 8.9 | 0.25 | 0.49 | 1.1 | 8 |
| SB-RFE4 | 3 | 1.5 | <0.1 | <1 | 18 | 1.4 | <0.1 | 1.3 | <1 | 21 | 0.22 | 0.44 | 1 | 7 |
| SB-RFE4 | 4 | 1.2 | <0.1 | <1 | 5.2 | 1.1 | <0.1 | 1.6 | <1 | 11 | 0.24 | 0.47 | 0.8 | 7 |
| SB-RFE4 | 5 | 1.4 | <0.1 | <1 | 2.8 | <1 | <0.1 | 1 | <1 | 4.8 | 0.25 | 0.49 | 0.8 | 7 |
| SB-RFE4 | 6 | 1.1 | <0.1 | <1 | 3.2 | <1 | <0.1 | 1.3 | <1 | 7.1 | 0.25 | 0.49 | 0.8 | 7 |
| SB-RFE4 | 7 | 1.3 | <0.1 | <1 | 6.9 | 1.2 | <0.1 | 1.2 | <1 | 16 | 0.15 | 0.27 | 0.8 | 8 |
| SB-RFE4 | 8 | 1.4 | <0.1 | <1 | 3.1 | <1 | <0.1 | 1.9 | <1 | 9.3 | 0.25 | 0.48 | 0.9 | 9 |
| SB-RFE5 | 1 | 1.6 | <0.1 | <1 | 34 | <1 | <0.1 | 4.3 | <1 | 17 | 0.33 | 0.72 | 0.8 | 6 |
| SB-RFE5 | 2 | 1.8 | <0.1 | <1 | 5.9 | 1 | <0.1 | 4.6 | <1 | 15 | 0.36 | 0.8 | 0.9 | 6 |
| SB-RFE5 | 3 | 1.5 | 0.12 | <1 | 3.6 | 1.1 | <0.1 | 3.4 | <1 | 10 | 0.33 | 0.71 | 0.9 | 5 |
| SB-RFE5 | 4 | 1.8 | <0.1 | <1 | 4.9 | 1 | <0.1 | 4.7 | <1 | 14 | 0.31 | 0.64 | 0.9 | 6 |
| SB-RFE5 | 5 | 1.7 | <0.1 | <1 | 3.7 | <1 | <0.1 | 12 | <1 | 9.4 | 0.37 | 0.81 | 0.8 | 6 |
| SB-RFE5 | 6 | 1.9 | <0.1 | <1 | 3.3 | <1 | <0.1 | 4.4 | <1 | 15 | 0.32 | 0.7 | 0.9 | 6 |
| SB-RFE5 | 7 | 1.7 | <0.1 | <1 | 3.5 | <1 | <0.1 | 4.3 | <1 | 8.9 | 0.32 | 0.67 | 0.9 | 5 |
| SB-RFE5 | 8 | 1.6 | <0.1 | <1 | 4.2 | 1.1 | <0.1 | 4.5 | <1 | 15 | 0.37 | 0.79 | 0.9 | 5 |
| MW1 | 1 | 1 | <0.1 | <1 | 4.6 | 1.1 | <0.1 | <1 | <1 | 22 | 0.25 | 0.47 | 1.4 | 11 |
| MW1 | 2 | 1.4 | <0.1 | <1 | 8.9 | <1 | <0.1 | 1.2 | <1 | 6.9 | 0.28 | 0.56 | 1.5 | 11 |
| MW1 | 3 | 1.8 | 0.11 | <1 | 8 | 1 | <0.1 | 1.3 | <1 | 15 | 0.27 | 0.52 | 1.5 | 11 |
| MW1 | 4 | 1.1 | <0.1 | <1 | 9.4 | 1 | <0.1 | 1.4 | <1 | 12 | 0.24 | 0.42 | 1.5 | 11 |
| MW1 | 5 | 1.4 | <0.1 | 1.2 | 6.7 | 1.4 | <0.1 | 3.4 | <1 | 15 | 0.25 | 0.43 | 1.4 | 11 |
| MW1 | 6 | <1 | <0.1 | <1 | 6.6 | <1 | <0.1 | 1.3 | <1 | 10 | 0.25 | 0.46 | 1.4 | 11 |
| MW1 | 7 | 1.3 | <0.1 | <1 | 7.5 | 1.1 | <0.1 | 1.5 | <1 | 5.2 | 0.21 | 0.38 | 1.5 | 11 |
| MW1 | 8 | 1.5 | <0.1 | <1 | 12 | 1.4 | <0.1 | 1.7 | <1 | 25 | 0.21 | 0.39 | 1.5 | 12 |
| THB1 | 1 | 1.8 | <0.1 | <1 | 1.9 | <1 | <0.1 | 3.6 | <1 | 6.2 | 0.33 | 0.89 | 0.7 | 8 |
| THB1 | 2 | 1.7 | <0.1 | <1 | 1.6 | <1 | <0.1 | 3.7 | <1 | 9.8 | 0.29 | 0.76 | 0.7 | 8 |
| THB1 | 3 | 1.9 | <0.1 | <1 | 1.4 | <1 | <0.1 | 3.5 | <1 | 3.8 | 0.33 | 0.89 | 0.6 | 7 |
| THB1 | 4 | 1.7 | <0.1 | <1 | 1.3 | <1 | <0.1 | 3.2 | <1 | 8.7 | 0.34 | 0.96 | 0.5 | 7 |
| THB1 | 5 | 1.4 | <0.1 | <1 | 1.3 | <1 | <0.1 | 3.3 | <1 | 7.2 | 0.31 | 0.82 | 0.6 | 8 |
| THB1 | 6 | 1.6 | <0.1 | <1 | 1.4 | <1 | <0.1 | 3 | <1 | 1.2 | 0.3 | 0.77 | 0.5 | 8 |
| THB1 | 7 | 1.3 | <0.1 | <1 | 1.4 | <1 | <0.1 | 3.6 | <1 | 7.5 | 0.34 | 0.93 | 0.4 | 8 |
| THB1 | 8 | 2 | <0.1 | <1 | 1.5 | <1 | <0.1 | 3.3 | <1 | 4.6 | 0.28 | 0.76 | 0.5 | 8 |
| WSR45C | 1 | 1.1 | <0.1 | <1 | 1.1 | <1 | <0.1 | 2.5 | <1 | 4.3 | 0.33 | 0.72 | 0.9 | 9 |
| WSR45C | 2 | 1.6 | <0.1 | <1 | 1.6 | <1 | <0.1 | 2.5 | <1 | 27 | 0.37 | 0.85 | 1 | 10 |
| WSR45C | 3 | 1.3 | <0.1 | <1 | 1.1 | <1 | <0.1 | 2.5 | <1 | <1 | 0.36 | 0.81 | 1 | 10 |
| WSR45C | 4 | 1.3 | <0.1 | <1 | 1.2 | <1 | <0.1 | 2.3 | <1 | 7.2 | 0.33 | 0.7 | 0.9 | 9 |
| WSR45C | 5 | 1.3 | <0.1 | <1 | 1.2 | <1 | <0.1 | 2.8 | <1 | 6.4 | 0.3 | 0.64 | 1 | 9 |
| WSR45C | 6 | 1.3 | <0.1 | <1 | 1.8 | <1 | <0.1 | 2.7 | <1 | 17 | 0.3 | 0.63 | 1 | 9 |
| WSR45C | 7 | 1.4 | <0.1 | <1 | 1 | <1 | <0.1 | 2.2 | <1 | 9.8 | 0.34 | 0.72 | 0.8 | 9 |
| WSR45C | 8 | 1.6 | <0.1 | <1 | 4.3 | <1 | <0.1 | 3.1 | <1 | 16 | 0.28 | 0.6 | 0.9 | 8 |
| WSR46 | 1 | 1.7 | <0.1 | <1 | 4.2 | 1.3 | <0.1 | 3.6 | <1 | 1.7 | 0.3 | 0.72 | 0.9 | 12 |
| WSR46 | 2 | 1.8 | <0.1 | <1 | 6.3 | 1.4 | <0.1 | 3.6 | <1 | 17 | 0.29 | 0.86 | 0.8 | 11 |
| WSR46 | 3 | 1.6 | <0.1 | <1 | 4.6 | 1.1 | <0.1 | 3.9 | <1 | 5.6 | 0.38 | 0.92 | 0.9 | 11 |
| WSR46 | 4 | 1.8 | <0.1 | <1 | 3.9 | 1.2 | <0.1 | 3.4 | <1 | 7.6 | 0.35 | 0.86 | 0.9 | 11 |
| WSR46 | 5 | 1.7 | <0.1 | <1 | 6.9 | 1.4 | <0.1 | 3.7 | <1 | 9.3 | 0.3 | 0.72 | 0.9 | 11 |
| WSR46 | 6 | 1.6 | <0.1 | <1 | 6.1 | 1.8 | <0.1 | 3.1 | <1 | 6.9 | 0.33 | 0.78 | 0.9 | 10 |
| WSR46 | 7 | 1.8 | <0.1 | <1 | 6.6 | 2.3 | <0.1 | 3.3 | <1 | 19 | 0.33 | 0.84 | 0.8 | 11 |
| WSR46 | 8 | 1.7 | <0.1 | <1 | 4.7 | 1.8 | <0.1 | 3 | <1 | 11 | 0.31 | 0.73 | 0.7 | 12 |

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