

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

Date: 22 October 2013

| 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 | | 2.0 | 0.2 | 1.0 | 1.0 | 1.0 | 0.1 | 1.0 | 1.0 | 4.0 | 0.01 | 0.01 | 0.5 | 2 |
| MW1 | 1 | 2 | 0.3 | 1 | 12 | 3 | <0.1 | 3 | <1 | 24 | <0.01 | 0.33 | <0.5 | 16 |
| MW1 | 2 | 2 | 0.4 | 1 | 12 | 3 | <0.1 | 3 | <1 | 19 | <0.01 | 0.33 | <0.5 | 17 |
| MW1 | 3 | <2 | 0.3 | 1 | 12 | 2 | <0.1 | 3 | <1 | 17 | <0.01 | 0.35 | <0.5 | 17 |
| MW1 | 4 | 2 | 0.3 | 1 | 11 | 2 | <0.1 | 3 | <1 | 18 | <0.01 | 0.33 | <0.5 | 16 |
| MW1 | 5 | <2 | 0.3 | 2 | 16 | 3 | <0.1 | 3 | <1 | 22 | <0.01 | 0.34 | <0.5 | 16 |
| MW1 | 6 | 2 | 0.3 | 1 | 11 | 2 | <0.1 | 2 | <1 | 23 | <0.01 | 0.34 | <0.5 | 16 |
| MW1 | 7 | <2 | 0.3 | 1 | 11 | 2 | <0.1 | 2 | <1 | 20 | <0.01 | 0.35 | <0.5 | 16 |
| MW1 | 8 | 2 | 0.4 | 1 | 14 | 3 | <0.1 | 3 | <1 | 22 | <0.01 | 0.35 | <0.5 | 18 |
| SB-INF1 | 1 | 3 | <0.2 | 1 | 9 | 2 | <0.1 | 2 | <1 | 16 | <0.01 | 0.42 | 0.5 | 28 |
| SB-INF1 | 2 | 3 | <0.2 | 1 | 9 | 2 | <0.1 | 2 | <1 | 14 | <0.01 | 0.41 | <0.5 | 29 |
| SB-INF1 | 3 | 3 | <0.2 | 1 | 12 | 2 | <0.1 | 2 | <1 | 14 | <0.01 | 0.41 | <0.5 | 28 |
| SB-INF1 | 4 | 2 | <0.2 | 1 | 9 | 2 | <0.1 | 2 | <1 | 18 | <0.01 | 0.4 | <0.5 | 29 |
| SB-INF1 | 5 | 3 | <0.2 | 1 | 7 | 2 | <0.1 | 2 | <1 | 12 | <0.01 | 0.41 | <0.5 | 28 |
| SB-INF1 | 6 | 3 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 14 | <0.01 | 0.41 | <0.5 | 27 |
| SB-INF1 | 7 | 3 | <0.2 | 1 | 10 | 2 | <0.1 | 2 | <1 | 14 | <0.01 | 0.4 | <0.5 | 28 |
| SB-INF1 | 8 | 2 | <0.2 | 1 | 10 | 2 | <0.1 | 2 | <1 | 13 | <0.01 | 0.4 | <0.5 | 28 |
| SB-INF2 | 1 | 2 | <0.2 | 1 | 5 | 2 | <0.1 | 2 | <1 | 11 | <0.01 | 0.32 | <0.5 | 21 |
| SB-INF2 | 2 | 3 | <0.2 | 2 | 6 | 2 | <0.1 | 2 | <1 | 10 | <0.01 | 0.33 | <0.5 | 22 |
| SB-INF2 | 3 | 3 | <0.2 | 2 | 5 | 2 | <0.1 | 2 | <1 | 10 | <0.01 | 0.33 | <0.5 | 20 |
| SB-INF2 | 4 | 3 | <0.2 | 1 | 5 | 2 | <0.1 | 2 | <1 | 10 | <0.01 | 0.32 | <0.5 | 21 |
| SB-INF2 | 5 | 2 | <0.2 | 1 | 5 | 2 | <0.1 | 2 | <1 | 13 | <0.01 | 0.32 | <0.5 | 20 |
| SB-INF2 | 6 | 3 | <0.2 | 1 | 6 | 2 | <0.1 | 2 | <1 | 10 | <0.01 | 0.33 | <0.5 | 21 |
| SB-INF2 | 7 | 2 | <0.2 | 2 | 6 | 2 | <0.1 | 2 | <1 | 9 | <0.01 | 0.33 | <0.5 | 21 |
| SB-INF2 | 8 | 2 | <0.2 | 2 | 6 | 2 | <0.1 | 2 | <1 | 10 | <0.01 | 0.33 | <0.5 | 20 |
| SB-INF3 | 1 | 3 | <0.2 | 2 | 14 | 3 | <0.1 | 2 | <1 | 17 | <0.01 | 0.33 | <0.5 | 29 |
| SB-INF3 | 2 | 2 | <0.2 | 1 | 10 | 3 | <0.1 | 2 | <1 | 28 | <0.01 | 0.33 | <0.5 | 29 |
| SB-INF3 | 3 | 3 | <0.2 | 2 | 16 | 3 | <0.1 | 2 | <1 | 22 | <0.01 | 0.33 | <0.5 | 30 |
| SB-INF3 | 4 | 2 | <0.2 | 1 | 13 | 3 | <0.1 | 2 | <1 | 30 | <0.01 | 0.33 | <0.5 | 28 |
| SB-INF3 | 5 | 2 | <0.2 | 1 | 12 | 2 | <0.1 | 2 | <1 | 16 | <0.01 | 0.33 | <0.5 | 28 |
| SB-INF3 | 6 | 2 | <0.2 | 1 | 11 | 4 | <0.1 | 2 | <1 | 14 | <0.01 | 0.33 | <0.5 | 30 |
| SB-INF3 | 7 | 2 | <0.2 | 2 | 12 | 3 | <0.1 | 2 | <1 | 24 | <0.01 | 0.33 | <0.5 | 28 |
| SB-INF3 | 8 | 2 | <0.2 | 2 | 15 | 3 | <0.1 | 2 | <1 | 31 | <0.01 | 0.33 | <0.5 | 29 |
| SB-IPF1 | 1 | 3 | <0.2 | 2 | 21 | 2 | <0.1 | 3 | <1 | 17 | <0.01 | 0.42 | 0.6 | 29 |
| SB-IPF1 | 2 | 3 | <0.2 | 2 | 17 | 2 | <0.1 | 3 | <1 | 17 | <0.01 | 0.41 | <0.5 | 31 |
| SB-IPF1 | 3 | 3 | <0.2 | 1 | 5 | 2 | <0.1 | 2 | <1 | 9 | <0.01 | 0.41 | 0.6 | 29 |
| SB-IPF1 | 4 | 3 | <0.2 | 2 | 27 | 2 | <0.1 | 3 | <1 | 15 | <0.01 | 0.41 | 0.6 | 30 |
| SB-IPF1 | 5 | 2 | <0.2 | 1 | 6 | 2 | <0.1 | 2 | <1 | 12 | <0.01 | 0.4 | <0.5 | 31 |
| SB-IPF1 | 6 | 3 | <0.2 | 2 | 5 | 2 | <0.1 | 2 | <1 | 14 | <0.01 | 0.42 | 0.7 | 30 |
| SB-IPF1 | 7 | 3 | <0.2 | 1 | 8 | 2 | <0.1 | 3 | <1 | 18 | <0.01 | 0.41 | 0.5 | 30 |
| SB-IPF1 | 8 | 3 | <0.2 | 2 | 18 | 2 | <0.1 | 2 | <1 | 23 | <0.01 | 0.4 | 0.5 | 29 |
| SB-IPF2 | 1 | 3 | <0.2 | 1 | 2 | 1 | <0.1 | 2 | <1 | 17 | <0.01 | 0.4 | 0.7 | 17 |
| SB-IPF2 | 2 | 3 | <0.2 | 1 | 2 | 1 | <0.1 | 2 | <1 | 10 | <0.01 | 0.4 | <0.5 | 19 |
| SB-IPF2 | 3 | 3 | <0.2 | 1 | 4 | 2 | <0.1 | 2 | <1 | 12 | <0.01 | 0.4 | 0.6 | 18 |
| SB-IPF2 | 4 | 3 | <0.2 | 2 | 5 | 2 | <0.1 | 3 | <1 | 14 | <0.01 | 0.39 | 0.8 | 18 |
| SB-IPF2 | 5 | 3 | <0.2 | 1 | 2 | 1 | <0.1 | 2 | <1 | 7 | <0.01 | 0.38 | <0.5 | 19 |
| SB-IPF2 | 6 | 3 | <0.2 | 1 | 3 | 1 | <0.1 | 2 | <1 | 7 | <0.01 | 0.4 | 0.8 | 17 |
| SB-IPF2 | 7 | 3 | <0.2 | 1 | 3 | 1 | <0.1 | 2 | <1 | 9 | <0.01 | 0.39 | 0.6 | 18 |
| SB-IPF2 | 8 | 3 | <0.2 | 1 | 3 | 1 | <0.1 | 2 | <1 | 10 | <0.01 | 0.4 | <0.5 | 19 |
| SB-IPF3 | 1 | 2 | <0.2 | <1 | 5 | 1 | <0.1 | 2 | <1 | 9 | <0.01 | 0.39 | 0.6 | 19 |
| SB-IPF3 | 2 | 3 | <0.2 | 1 | 4 | 1 | <0.1 | 2 | <1 | 12 | <0.01 | 0.4 | <0.5 | 19 |
| SB-IPF3 | 3 | 2 | <0.2 | <1 | 4 | 1 | <0.1 | 2 | <1 | 9 | <0.01 | 0.39 | 0.6 | 18 |
| SB-IPF3 | 4 | 2 | <0.2 | <1 | 4 | 1 | <0.1 | 2 | <1 | 9 | <0.01 | 0.4 | <0.5 | 19 |
| SB-IPF3 | 5 | 2 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 14 | <0.01 | 0.4 | 0.7 | 19 |
| SB-IPF3 | 6 | 4 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 10 | <0.01 | 0.4 | 0.6 | 19 |
| SB-IPF3 | 7 | 2 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 10 | <0.01 | 0.39 | 0.8 | 19 |
| SB-IPF3 | 8 | 2 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 9 | <0.01 | 0.4 | 0.5 | 19 |
| SB-RFF1 | 1 | 3 | <0.2 | 1 | 9 | 2 | <0.1 | 2 | <1 | 8 | <0.01 | 0.41 | <0.5 | 27 |
| SB-RFF1 | 2 | 2 | <0.2 | 1 | 7 | 2 | <0.1 | 2 | <1 | 12 | <0.01 | 0.42 | <0.5 | 28 |
| SB-RFF1 | 3 | 3 | <0.2 | 1 | 12 | 2 | <0.1 | 3 | <1 | 12 | <0.01 | 0.4 | <0.5 | 26 |
| SB-RFF1 | 4 | 3 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 10 | <0.01 | 0.4 | <0.5 | 28 |
| SB-RFF1 | 5 | 3 | <0.2 | 1 | 10 | 2 | <0.1 | 2 | <1 | 12 | <0.01 | 0.39 | <0.5 | 28 |
| SB-RFF1 | 6 | 2 | <0.2 | 1 | 7 | 2 | <0.1 | 2 | <1 | 9 | <0.01 | 0.39 | <0.5 | 26 |
| SB-RFF1 | 7 | 2 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 9 | <0.01 | 0.4 | <0.5 | 27 |
| SB-RFF1 | 8 | 3 | <0.2 | 1 | 9 | 2 | <0.1 | 2 | <1 | 10 | <0.01 | 0.4 | <0.5 | 27 |
| SB-RFF2 | 1 | 3 | <0.2 | 1 | 6 | 1 | <0.1 | 2 | <1 | 9 | <0.01 | 0.4 | <0.5 | 21 |
| SB-RFF2 | 2 | 3 | <0.2 | <1 | 5 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.4 | 0.6 | 23 |
| SB-RFF2 | 3 | 3 | <0.2 | 1 | 6 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.4 | <0.5 | 23 |
| SB-RFF2 | 4 | 3 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 9 | <0.01 | 0.4 | <0.5 | 21 |
| SB-RFF2 | 5 | 2 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 7 | <0.01 | 0.41 | <0.5 | 22 |
| SB-RFF2 | 6 | <2 | <0.2 | 1 | 6 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.42 | <0.5 | 21 |
| SB-RFF2 | 7 | 2 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.41 | <0.5 | 22 |
| SB-RFF2 | 8 | 2 | <0.2 | 1 | 6 | 2 | <0.1 | 2 | <1 | 9 | <0.01 | 0.41 | <0.5 | 22 |
| SB-RFF3 | 1 | <2 | <0.2 | <1 | 8 | 1 | <0.1 | 2 | <1 | 12 | <0.01 | 0.41 | 0.6 | 18 |
| SB-RFF3 | 2 | 3 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 15 | <0.01 | 0.41 | <0.5 | 16 |
| SB-RFF3 | 3 | <2 | <0.2 | 1 | 7 | 1 | <0.1 | 2 | <1 | 13 | <0.01 | 0.4 | <0.5 | 18 |
| SB-RFF3 | 4 | 2 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 12 | <0.01 | 0.4 | <0.5 | 17 |
| SB-RFF3 | 5 | <2 | <0.2 | <1 | 10 | 1 | <0.1 | 2 | <1 | 11 | <0.01 | 0.39 | 0.6 | 18 |

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

Date: 22 October 2013

| 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 | | 2.0 | 0.2 | 1.0 | 1.0 | 1.0 | 0.1 | 1.0 | 1.0 | 4.0 | 0.01 | 0.01 | 0.5 | 2 |
| SB-RFF3 | 6 | 2 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 11 | <0.01 | 0.39 | 0.6 | 17 |
| SB-RFF3 | 7 | 2 | <0.2 | 1 | 8 | 2 | <0.1 | 2 | <1 | 13 | <0.01 | 0.4 | <0.5 | 16 |
| SB-RFF3 | 8 | <2 | <0.2 | <1 | 7 | 1 | <0.1 | 2 | <1 | 11 | <0.01 | 0.39 | <0.5 | 16 |
| THB1 | 1 | 2 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.39 | <0.5 | 23 |
| THB1 | 2 | 2 | <0.2 | 1 | 4 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.39 | <0.5 | 22 |
| THB1 | 3 | 2 | <0.2 | 1 | 4 | 2 | <0.1 | 2 | <1 | 8 | <0.01 | 0.39 | <0.5 | 21 |
| THB1 | 4 | 2 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 10 | <0.01 | 0.39 | 0.5 | 22 |
| THB1 | 5 | 2 | <0.2 | 1 | 6 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.39 | <0.5 | 22 |
| THB1 | 6 | 2 | <0.2 | 1 | 4 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.39 | <0.5 | 22 |
| THB1 | 7 | <2 | <0.2 | 1 | 4 | 1 | <0.1 | 2 | <1 | 6 | <0.01 | 0.4 | <0.5 | 22 |
| THB1 | 8 | 2 | <0.2 | 1 | 5 | 1 | <0.1 | 2 | <1 | 8 | <0.01 | 0.39 | <0.5 | 23 |
| THB2 | 1 | 2 | <0.2 | <1 | 2 | <1 | <0.1 | 2 | <1 | 11 | <0.01 | 0.35 | <0.5 | 11 |
| THB2 | 2 | 2 | <0.2 | <1 | 2 | <1 | <0.1 | 2 | <1 | 20 | <0.01 | 0.35 | <0.5 | 10 |
| THB2 | 3 | 2 | <0.2 | <1 | 1 | <1 | <0.1 | 2 | <1 | 17 | <0.01 | 0.34 | 0.7 | 10 |
| THB2 | 4 | 2 | <0.2 | <1 | 1 | <1 | <0.1 | 2 | <1 | 18 | <0.01 | 0.34 | 0.6 | 10 |
| THB2 | 5 | <2 | <0.2 | <1 | 1 | <1 | <0.1 | 2 | <1 | 14 | <0.01 | 0.35 | 0.7 | 9 |
| THB2 | 6 | 2 | <0.2 | <1 | 2 | <1 | <0.1 | 2 | <1 | 16 | <0.01 | 0.35 | <0.5 | 11 |
| THB2 | 7 | <2 | <0.2 | <1 | 3 | <1 | <0.1 | 2 | <1 | 19 | <0.01 | 0.35 | <0.5 | 9 |
| THB2 | 8 | 2 | <0.2 | <1 | 2 | <1 | <0.1 | 2 | <1 | 17 | <0.01 | 0.35 | <0.5 | 9 |
| WSR45C | 1 | 2 | <0.2 | 1 | 10 | 2 | <0.1 | 3 | <1 | 15 | <0.01 | 0.4 | 1.9 | 23 |
| WSR45C | 2 | <2 | <0.2 | 1 | 7 | 2 | <0.1 | 3 | <1 | 16 | <0.01 | 0.4 | 1.6 | 22 |
| WSR45C | 3 | <2 | <0.2 | 1 | 9 | 2 | <0.1 | 2 | <1 | 14 | <0.01 | 0.41 | 1.5 | 24 |
| WSR45C | 4 | 2 | <0.2 | 1 | 13 | 3 | <0.1 | 3 | <1 | 20 | <0.01 | 0.4 | 0.9 | 22 |
| WSR45C | 5 | <2 | <0.2 | 2 | 9 | 2 | <0.1 | 3 | <1 | 17 | <0.01 | 0.41 | 1.2 | 23 |
| WSR45C | 6 | 2 | <0.2 | 2 | 9 | 2 | <0.1 | 3 | <1 | 13 | <0.01 | 0.4 | 1.4 | 24 |
| WSR45C | 7 | 2 | <0.2 | 1 | 9 | 2 | <0.1 | 3 | <1 | 13 | <0.01 | 0.4 | 0.8 | 24 |
| WSR45C | 8 | <2 | <0.2 | 2 | 9 | 3 | <0.1 | 3 | <1 | 15 | <0.01 | 0.4 | 1 | 24 |
| WSR46 | 1 | 2 | <0.2 | 2 | 5 | 2 | <0.1 | 2 | <1 | 15 | <0.01 | 0.4 | 0.7 | 34 |
| WSR46 | 2 | 2 | <0.2 | 2 | 6 | 2 | <0.1 | 3 | <1 | 11 | <0.01 | 0.44 | 0.8 | 33 |
| WSR46 | 3 | 2 | <0.2 | 2 | 9 | 2 | <0.1 | 3 | <1 | 13 | <0.01 | 0.4 | 0.6 | 34 |
| WSR46 | 4 | <2 | <0.2 | 2 | 5 | 2 | <0.1 | 3 | <1 | 17 | <0.01 | 0.4 | 1 | 34 |
| WSR46 | 5 | 3 | <0.2 | 2 | 5 | 3 | <0.1 | 3 | <1 | 12 | <0.01 | 0.4 | 0.8 | 34 |
| WSR46 | 6 | 2 | <0.2 | 2 | 6 | 2 | <0.1 | 3 | <1 | 10 | <0.01 | 0.4 | 1.5 | 35 |
| WSR46 | 7 | 3 | <0.2 | 2 | 8 | 2 | <0.1 | 3 | <1 | 12 | <0.01 | 0.39 | 1.2 | 36 |
| WSR46 | 8 | <2 | <0.2 | 2 | 4 | 2 | <0.1 | 3 | <1 | 10 | <0.01 | 0.38 | 1 | 35 |

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.