

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

Date: 12 November 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-IPE1 | 1 | 1.8 | <0.5 | 1.4 | <1 | <1 | <0.5 | 1.1 | <1 | 11.7 | 0.03 | 0.43 | 1.4 | 12.9 |
| SB-IPE1 | 2 | 1.7 | <0.5 | 1.3 | <1 | <1 | <0.5 | <1 | <1 | 9.1 | 0.09 | 0.49 | 1.2 | 14.0 |
| SB-IPE1 | 3 | 1.8 | <0.5 | 1.2 | <1 | <1 | <0.5 | 1.2 | <1 | 8.9 | 0.09 | 0.49 | 1.6 | 13.4 |
| SB-IPE1 | 4 | 1.7 | <0.5 | 1.3 | <1 | <1 | <0.5 | 1.4 | <1 | 9.0 | 0.09 | 0.47 | 1.6 | 13.6 |
| SB-IPE1 | 5 | 1.8 | <0.5 | <1 | <1 | <1 | <0.5 | 1.5 | <1 | 9.5 | 0.04 | 0.42 | 1.6 | 13.9 |
| SB-IPE1 | 6 | 1.5 | <0.5 | 1.3 | <1 | <1 | <0.5 | 1.3 | <1 | 6.2 | 0.08 | 0.47 | 1.5 | 14.2 |
| SB-IPE1 | 7 | 1.6 | <0.5 | <1 | <1 | <1 | <0.5 | 1.5 | <1 | 5.1 | 0.05 | 0.43 | 1.8 | 14.7 |
| SB-IPE1 | 8 | 2.6 | <0.5 | <1 | <1 | <1 | <0.5 | 1.7 | <1 | 9.6 | 0.09 | 0.48 | 1.8 | 13.7 |
| SB-IPE2 | 1 | 2.7 | <0.5 | 1.3 | 12.8 | 1.7 | <0.5 | 2.4 | <1 | 14.0 | 0.10 | 0.48 | 1.4 | 11.5 |
| SB-IPE2 | 2 | 2.9 | <0.5 | 1.2 | 14.5 | 1.9 | <0.5 | 2.5 | <1 | 16.6 | 0.16 | 0.55 | 1.4 | 12.9 |
| SB-IPE2 | 3 | 3.0 | <0.5 | 1.4 | 16.9 | 1.7 | <0.5 | 2.0 | <1 | 18.9 | 0.07 | 0.44 | 1.0 | 12.8 |
| SB-IPE2 | 4 | 3.2 | <0.5 | 1.2 | 16.0 | 1.9 | <0.5 | 1.7 | <1 | 16.0 | 0.11 | 0.49 | 1.2 | 13.1 |
| SB-IPE2 | 5 | 3.3 | <0.5 | 1.2 | 12.9 | 2.2 | <0.5 | 1.9 | <1 | 18.8 | 0.09 | 0.47 | 1.4 | 12.1 |
| SB-IPE2 | 6 | 3.7 | <0.5 | 1.1 | 12.4 | 2.2 | <0.5 | 1.9 | <1 | 18.4 | 0.16 | 0.55 | 1.3 | 12.9 |
| SB-IPE2 | 7 | 2.1 | <0.5 | 1.2 | 12.5 | 2.5 | <0.5 | 2.3 | <1 | 16.3 | 0.04 | 0.42 | 1.4 | 12.5 |
| SB-IPE2 | 8 | 2.3 | <0.5 | 1.7 | 13.4 | 2.0 | <0.5 | 2.9 | <1 | 19.5 | 0.11 | 0.49 | 1.4 | 12.4 |
| SB-IPE3 | 1 | 2.1 | <0.5 | 1.1 | 4.0 | <1 | <0.5 | 2.2 | <1 | 11.9 | 0.08 | 0.45 | 1.5 | 8.9 |
| SB-IPE3 | 2 | 1.7 | <0.5 | 1.1 | 3.9 | <1 | <0.5 | 2.0 | <1 | 13.3 | 0.08 | 0.44 | 1.7 | 9.5 |
| SB-IPE3 | 3 | 2.0 | <0.5 | <1 | 3.1 | <1 | <0.5 | 2.2 | <1 | 11.0 | 0.09 | 0.45 | 1.5 | 9.8 |
| SB-IPE3 | 4 | 1.7 | <0.5 | <1 | 2.7 | 1.0 | <0.5 | 1.9 | <1 | 11.3 | 0.02 | 0.40 | 1.8 | 9.7 |
| SB-IPE3 | 5 | 1.9 | <0.5 | 1.1 | 2.3 | <1 | <0.5 | 2.1 | <1 | 13.4 | 0.10 | 0.46 | 1.5 | 9.7 |
| SB-IPE3 | 6 | 2.2 | <0.5 | 1.0 | 2.4 | <1 | <0.5 | 2.2 | <1 | 13.2 | 0.07 | 0.43 | 1.7 | 10.4 |
| SB-IPE3 | 7 | 2.5 | <0.5 | 1.1 | 2.4 | <1 | <0.5 | 2.5 | <1 | 11.7 | 0.07 | 0.44 | 1.6 | 9.4 |
| SB-IPE3 | 8 | 2.5 | <0.5 | 1.8 | 6.6 | 1.1 | <0.5 | 1.9 | <1 | 9.3 | 0.09 | 0.45 | 1.7 | 9.6 |
| SB-IPE4 | 1 | 2.6 | <0.5 | 1.6 | 16.0 | 1.2 | <0.5 | 2.4 | <1 | 17.3 | 0.06 | 0.40 | 1.5 | 10.0 |
| SB-IPE4 | 2 | 3.0 | <0.5 | 1.7 | 15.9 | 1.0 | <0.5 | 2.0 | <1 | 15.8 | 0.09 | 0.44 | 1.4 | 9.5 |
| SB-IPE4 | 3 | 3.3 | <0.5 | 1.4 | 13.4 | <1 | <0.5 | 1.9 | <1 | 18.1 | 0.10 | 0.45 | 1.6 | 9.5 |
| SB-IPE4 | 4 | 2.7 | <0.5 | 1.6 | 13.1 | <1 | <0.5 | 1.7 | <1 | 15.2 | 0.11 | 0.48 | 1.7 | 9.4 |
| SB-IPE4 | 5 | 2.6 | <0.5 | 1.7 | 11.6 | <1 | <0.5 | 2.0 | <1 | 12.3 | 0.08 | 0.43 | 1.6 | 9.1 |
| SB-IPE4 | 6 | 2.2 | <0.5 | 1.6 | 11.8 | <1 | <0.5 | 1.7 | <1 | 12.9 | 0.06 | 0.41 | 1.7 | 9.8 |
| SB-IPE4 | 7 | 2.5 | <0.5 | 1.9 | 10.9 | <1 | <0.5 | 1.7 | <1 | 14.3 | 0.07 | 0.42 | 1.7 | 10.1 |
| SB-IPE4 | 8 | 2.1 | <0.5 | 1.6 | 10.6 | 1.2 | <0.5 | 2.0 | <1 | 16.7 | 0.10 | 0.45 | 1.9 | 9.9 |
| SB-IPE5 | 1 | 3.0 | <0.5 | 3.4 | 6.1 | 1.2 | <0.5 | 2.2 | <1 | 19.0 | 0.06 | 0.41 | 1.7 | 12.4 |
| SB-IPE5 | 2 | 2.8 | <0.5 | 4.6 | 6.8 | 1.5 | <0.5 | 1.8 | <1 | 18.4 | 0.04 | 0.39 | 1.6 | 12.2 |
| SB-IPE5 | 3 | 3.1 | <0.5 | 4.3 | 7.4 | 1.5 | <0.5 | 1.9 | <1 | 21.0 | 0.06 | 0.40 | 2.2 | 12.6 |
| SB-IPE5 | 4 | 3.4 | <0.5 | 2.2 | 7.0 | 1.4 | <0.5 | 2.1 | <1 | 25.1 | 0.10 | 0.45 | 1.9 | 12.9 |
| SB-IPE5 | 5 | 3.4 | <0.5 | 4.7 | 6.7 | 1.3 | <0.5 | 2.5 | <1 | 27.2 | 0.07 | 0.42 | 1.7 | 12.3 |
| SB-IPE5 | 6 | 2.9 | <0.5 | 2.6 | 7.8 | 1.5 | <0.5 | 2.4 | <1 | 22.5 | 0.08 | 0.43 | 1.3 | 12.9 |
| SB-IPE5 | 7 | 2.8 | <0.5 | 4.1 | 6.3 | 1.7 | <0.5 | 2.4 | <1 | 25.6 | 0.04 | 0.39 | 0.8 | 12.3 |
| SB-IPE5 | 8 | 2.5 | <0.5 | 2.4 | 7.9 | 1.9 | <0.5 | 2.0 | <1 | 20.5 | 0.07 | 0.43 | 1.1 | 12.6 |
| SB-INE1 | 1 | 2.3 | <0.5 | 1.3 | 1.5 | <1 | <0.5 | 1.4 | <1 | 8.3 | 0.07 | 0.48 | 2.1 | 9.2 |
| SB-INE1 | 2 | 2.6 | <0.5 | 1.2 | 1.5 | <1 | <0.5 | 1.5 | <1 | 7.8 | 0.02 | 0.43 | 2.2 | 9.7 |
| SB-INE1 | 3 | 2.7 | <0.5 | 1.2 | 1.3 | <1 | <0.5 | 1.5 | <1 | 8.5 | 0.09 | 0.50 | 2.2 | 9.2 |
| SB-INE1 | 4 | 2.8 | <0.5 | 1.0 | 1.3 | <1 | <0.5 | 1.3 | <1 | 8.3 | 0.08 | 0.49 | 2.4 | 9.0 |
| SB-INE1 | 5 | 2.9 | <0.5 | <1 | 1.5 | <1 | <0.5 | 1.5 | <1 | 7.9 | <0.02 | 0.41 | 2.3 | 8.8 |
| SB-INE1 | 6 | 3.3 | <0.5 | <1 | 1.5 | <1 | <0.5 | 1.4 | <1 | 7.4 | <0.02 | 0.41 | 2.6 | 9.0 |
| SB-INE1 | 7 | 3.9 | <0.5 | <1 | 1.5 | <1 | <0.5 | 1.1 | <1 | 6.1 | <0.02 | 0.41 | 2.2 | 8.9 |
| SB-INE1 | 8 | 2.4 | <0.5 | 1.2 | 1.4 | <1 | <0.5 | 1.8 | <1 | 6.3 | 0.06 | 0.47 | 2.4 | 9.3 |
| SB-INE2 | 1 | 2.5 | <0.5 | <1 | 1.2 | <1 | <0.5 | 1.0 | <1 | 6.1 | 0.03 | 0.44 | 1.4 | 10.2 |
| SB-INE2 | 2 | 2.9 | <0.5 | <1 | 1.3 | <1 | <0.5 | 1.0 | <1 | 7.0 | 0.08 | 0.48 | 0.9 | 9.2 |
| SB-INE2 | 3 | 3.0 | <0.5 | <1 | 1.2 | <1 | <0.5 | 1.1 | <1 | 7.5 | 0.07 | 0.48 | 1.6 | 9.9 |
| SB-INE2 | 4 | 2.5 | <0.5 | <1 | 1.1 | <1 | <0.5 | 1.1 | <1 | 8.6 | 0.06 | 0.48 | 0.8 | 9.2 |
| SB-INE2 | 5 | 2.7 | <0.5 | <1 | 1.0 | <1 | <0.5 | 1.2 | <1 | 8.5 | 0.04 | 0.45 | 1.4 | 9.2 |
| SB-INE2 | | | | | | | | | | | | | | |

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Date: 12 November 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-RFE2 | 1 | 2.1 | <0.5 | 1.4 | 2.6 | <1 | <0.5 | 1.3 | <1 | 19.7 | 0.11 | 0.41 | 0.9 | 9.8 |
| SB-RFE2 | 2 | 2.2 | <0.5 | 1.3 | 2.2 | <1 | <0.5 | 1.1 | <1 | 13.4 | 0.08 | 0.38 | 0.6 | 11.0 |
| SB-RFE2 | 3 | 2.5 | <0.5 | 1.3 | 2.4 | <1 | <0.5 | 1.1 | <1 | 19.9 | 0.09 | 0.40 | 0.8 | 10.2 |
| SB-RFE2 | 4 | 3.0 | <0.5 | 1.3 | 2.9 | <1 | <0.5 | 1.2 | <1 | 15.7 | 0.07 | 0.37 | 0.9 | 10.2 |
| SB-RFE2 | 5 | 2.9 | <0.5 | 1.5 | 2.8 | <1 | <0.5 | 1.2 | <1 | 19.6 | <0.02 | 0.29 | 0.7 | 10.6 |
| SB-RFE2 | 6 | 3.4 | <0.5 | 1.3 | 2.7 | <1 | <0.5 | 1.4 | <1 | 17.8 | 0.05 | 0.36 | 0.8 | 10.1 |
| SB-RFE2 | 7 | 2.9 | <0.5 | 1.1 | 2.3 | <1 | <0.5 | 1.3 | <1 | 15.2 | 0.08 | 0.38 | 0.8 | 10.4 |
| SB-RFE2 | 8 | 1.9 | <0.5 | 1.7 | 4.5 | <1 | <0.5 | 1.5 | <1 | 19.3 | 0.10 | 0.40 | 0.8 | 10.3 |
| SB-RFE3 | 1 | 1.8 | <0.5 | 1.7 | 4.8 | <1 | <0.5 | 1.7 | <1 | 10.9 | 0.05 | 0.32 | 1.0 | 10.7 |
| SB-RFE3 | 2 | 1.8 | <0.5 | 1.4 | 5.5 | <1 | <0.5 | 1.9 | <1 | 10.0 | 0.08 | 0.35 | 0.7 | 12.2 |
| SB-RFE3 | 3 | 1.9 | <0.5 | 1.4 | 5.2 | <1 | <0.5 | 1.8 | <1 | 10.9 | 0.03 | 0.30 | 0.4 | 11.2 |
| SB-RFE3 | 4 | 1.6 | <0.5 | 1.4 | 4.3 | <1 | <0.5 | 2.0 | <1 | 11.4 | 0.10 | 0.36 | 0.7 | 11.9 |
| SB-RFE3 | 5 | 1.9 | <0.5 | 1.6 | 5.0 | <1 | <0.5 | 2.1 | <1 | 10.2 | 0.08 | 0.33 | 0.7 | 11.4 |
| SB-RFE3 | 6 | 1.9 | <0.5 | 1.4 | 5.7 | <1 | <0.5 | 2.4 | <1 | 12.0 | 0.11 | 0.38 | 0.8 | 11.8 |
| SB-RFE3 | 7 | 1.7 | <0.5 | 1.1 | 6.5 | <1 | <0.5 | 2.6 | <1 | 10.3 | 0.03 | 0.29 | 0.8 | 11.9 |
| SB-RFE3 | 8 | 1.7 | <0.5 | 1.9 | 4.0 | <1 | <0.5 | 1.7 | <1 | 19.0 | 0.06 | 0.33 | 0.6 | 12.0 |
| SB-RFE4 | 1 | 2.0 | <0.5 | 1.5 | 10.4 | 1.2 | <0.5 | 1.7 | <1 | 18.5 | 0.10 | 0.36 | 0.9 | 12.3 |
| SB-RFE4 | 2 | 1.8 | <0.5 | 1.6 | 11.8 | 1.1 | <0.5 | 2.0 | <1 | 17.6 | <0.02 | 0.21 | 1.0 | 13.7 |
| SB-RFE4 | 3 | 1.9 | <0.5 | 1.6 | 10.1 | <1 | <0.5 | 1.8 | <1 | 16.9 | 0.03 | 0.28 | 0.8 | 13.0 |
| SB-RFE4 | 4 | 2.0 | <0.5 | 1.4 | 11.6 | 1.0 | <0.5 | 1.6 | <1 | 14.6 | 0.06 | 0.32 | 1.3 | 13.5 |
| SB-RFE4 | 5 | 2.2 | <0.5 | 1.4 | 7.7 | <1 | <0.5 | 1.6 | <1 | 13.3 | 0.08 | 0.34 | 1.6 | 13.8 |
| SB-RFE4 | 6 | 2.3 | <0.5 | 1.5 | 12.1 | <1 | <0.5 | 1.7 | <1 | 13.1 | 0.11 | 0.37 | 1.3 | 13.0 |
| SB-RFE4 | 7 | 1.9 | <0.5 | 1.7 | 5.8 | <1 | <0.5 | 1.5 | <1 | 10.9 | 0.05 | 0.31 | 1.0 | 12.9 |
| SB-RFE4 | 8 | 2.0 | <0.5 | 1.7 | 5.5 | <1 | <0.5 | 1.6 | <1 | 11.9 | 0.08 | 0.35 | 1.5 | 12.7 |
| SB-RFE5 | 1 | 2.2 | <0.5 | 2.3 | 11.6 | 1.9 | <0.5 | 3.0 | <1 | 33.1 | 0.08 | 0.37 | 1.4 | 19.6 |
| SB-RFE5 | 2 | 2.5 | <0.5 | 2.0 | 10.1 | 2.2 | <0.5 | 3.5 | <1 | 37.9 | 0.06 | 0.35 | 2.0 | 25.9 |
| SB-RFE5 | 3 | 2.2 | <0.5 | 1.9 | 11.3 | 1.9 | <0.5 | 3.2 | <1 | 34.7 | 0.07 | 0.36 | 2.4 | 23.5 |
| SB-RFE5 | 4 | 1.8 | <0.5 | 1.9 | 9.2 | 2.0 | <0.5 | 2.6 | <1 | 35.3 | 0.12 | 0.41 | 1.7 | 25.7 |
| SB-RFE5 | 5 | 2.0 | <0.5 | 1.7 | 10.8 | 2.1 | <0.5 | 2.5 | <1 | 32.3 | 0.11 | 0.40 | 2.0 | 24.9 |
| SB-RFE5 | 6 | 2.3 | <0.5 | 1.8 | 12.1 | 2.1 | <0.5 | 2.6 | <1 | 30.1 | 0.05 | 0.34 | 1.7 | 25.4 |
| SB-RFE5 | 7 | 1.9 | <0.5 | 1.5 | 11.9 | 2.0 | <0.5 | 2.9 | <1 | 31.0 | 0.10 | 0.38 | 1.7 | 24.0 |
| SB-RFE5 | 8 | 2.2 | <0.5 | 2.1 | 8.1 | 1.2 | <0.5 | 2.4 | <1 | 28.4 | 0.12 | 0.41 | 1.7 | 24.6 |
| MW1 | 1 | 1.6 | <0.5 | 1.8 | 4.9 | <1 | <0.5 | 1.8 | <1 | 29.1 | 0.05 | 0.32 | 0.7 | 7.2 |
| MW1 | 2 | 1.4 | <0.5 | 2.1 | 5.1 | <1 | <0.5 | 1.9 | <1 | 21.8 | 0.03 | 0.30 | 1.0 | 13.9 |
| MW1 | 3 | 1.5 | <0.5 | 2.4 | 5.1 | <1 | <0.5 | 2.2 | <1 | 17.4 | 0.11 | 0.38 | 0.8 | 11.1 |
| MW1 | 4 | 1.8 | <0.5 | 2.3 | 6.0 | <1 | <0.5 | 2.2 | <1 | 12.9 | 0.05 | 0.32 | 0.9 | 12.4 |
| MW1 | 5 | 2.0 | <0.5 | 2.1 | 6.8 | <1 | <0.5 | 2.4 | <1 | 23.8 | 0.06 | 0.34 | 0.9 | 12.1 |
| MW1 | 6 | 1.9 | <0.5 | 2.4 | 7.1 | <1 | <0.5 | 2.1 | <1 | 23.3 | 0.11 | 0.38 | 1.0 | 12.5 |
| MW1 | 7 | 1.5 | <0.5 | 2.4 | 6.0 | <1 | <0.5 | 1.8 | <1 | 18.3 | 0.09 | 0.36 | 0.9 | 12.2 |
| MW1 | 8 | 2.2 | <0.5 | 3.5 | 4.9 | <1 | <0.5 | 1.4 | <1 | 15.4 | 0.04 | 0.31 | 1.1 | 12.5 |
| THB1 | 1 | 1.9 | <0.5 | 1.8 | 1.3 | <1 | <0.5 | 1.9 | <1 | 11.7 | 0.03 | 0.41 | 0.9 | 13.0 |
| THB1 | 2 | 1.9 | <0.5 | 2.1 | 1.2 | <1 | <0.5 | 1.8 | <1 | 10.4 | 0.06 | 0.45 | 1.1 | 11.3 |
| THB1 | 3 | 2.0 | <0.5 | 1.7 | 1.3 | <1 | <0.5 | 1.5 | <1 | 16.6 | 0.05 | 0.44 | 1.2 | 12.9 |
| THB1 | 4 | 1.8 | <0.5 | 1.8 | 1.5 | <1 | <0.5 | 1.8 | <1 | 11.6 | 0.07 | 0.46 | 1.1 | 12.4 |
| THB1 | 5 | 1.9 | <0.5 | 1.5 | 1.7 | <1 | <0.5 | 1.8 | <1 | 10.7 | 0.06 | 0.45 | 1.2 | 13.3 |
| THB1 | 6 | 2.3 | <0.5 | 1.4 | 1.6 | <1 | <0.5 | 1.8 | <1 | 17.8 | 0.02 | 0.36 | 1.1 | 13.5 |
| THB1 | 7 | 2.1 | <0.5 | 1.2 | 1.4 | <1 | <0.5 | 1.6 | <1 | 12.4 | 0.06 | 0.45 | 1.0 | 14.3 |
| THB1 | 8 | 1.8 | <0.5 | 1.6 | 2.1 | <1 | <0.5 | 2.0 | <1 | 4.4 | 0.08 | 0.47 | 0.9 | 14.0 |
| THB2 | 1 | 2.2 | <0.5 | 1.6 | 2.9 | 1.0 | <0.5 | 1.9 | <1 | 12.8 | 0.08 | 0.50 | <0.5 | 10.2 |
| THB2 | 2 | 1.9 | <0.5 | 2.0 | 2.9 | <1 | <0.5 | 1.8 | <1 | 10.3 | 0.12 | 0.54 | 0.5 | 7.4 |
| THB2 | 3 | 2.0 | <0.5 | 2.3 | 3.3 | 1.0 | <0.5 | 1.6 | <1 | 12.0 | 0.11 | 0.52 | 0.7 | 8.7 |
| THB2 | 4 | 2.0 | <0.5 | 2.7 | 3.2 | <1 | <0.5 | 1.8 | <1 | 11.6 | 0.09 | 0.50 | 0.7 | 8.0 |
| THB2 | 5 | 2.2 | <0.5 | 3.1 | 3.0 | <1 | <0.5 | 1.9 | <1 | 12.7 | 0.06 | 0.48 | 0.5 | 8.5 |
| THB2 | 6 | 1.8 | <0.5</ | | | | | | | | | | | |