

**BURBANK WATER AND POWER
2009 RECYCLED WATER SAMPLING RESULTS**

| | | | 2009 | | | | | | 6 Month | 2008 |
|-----------------|------|------|------|------|------|------|------|------|---------|--------------|
| | | | July | Aug | Sept | Oct | Nov | Dec | Avg. | Potable Avg. |
| Turbidity | avg. | NTU | 0.30 | 0.34 | 0.38 | 0.25 | 0.25 | 0.41 | 0.32 | 0.09 |
| pH | min. | S.U. | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.2 | 7.3 | 8.0 |
| pH | max. | S.U. | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 7.5 | 7.5 | 8.4 |
| TSS | avg. | mg/l | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| BOD | avg. | mg/l | <3 | <3 | <3 | <3 | <3 | <3 | <3 | |
| TDS | max. | mg/l | 686 | 703 | 702 | 645 | 635 | 630 | 667 | 421 |
| Chloride | max. | mg/l | 132 | 132 | 132 | 129 | 132 | 126 | 130 | 67 |
| Sulfate | max. | mg/l | 122 | 122 | 118 | 123 | 126 | 115 | 121 | 98 |
| Fluoride | max. | mg/l | 0.53 | 0.53 | 0.67 | 0.65 | 0.73 | 0.63 | 0.6 | 0.67 |
| Hardness | max. | mg/l | 260 | 250 | 250 | 260 | 260 | 230 | 252 | 226 |
| Boron | max. | mg/l | 0.37 | 0.39 | 0.36 | 0.4 | 0.45 | 0.43 | 0.40 | 0.141 |
| Nitrate-N | max. | mg/l | 4.3 | 5.4 | 6.6 | 4.5 | 6.7 | 5.5 | 5.5 | 3.3 |
| Nitrite-N | max. | mg/l | <0.1 | <0.1 | <0.1 | ND | ND | ND | <0.1 | <0.20 |
| Nitrate+Nitrite | max. | mg/l | 4.3 | 5.4 | 6.6 | 4.5 | 6.7 | 5.5 | 5.5 | 3.3 |
| Arsenic | max. | µg/l | 1.5 | 1.5 | 2.8 | 2.5 | 2.7 | 2.3 | 2.2 | 1.5 |
| Barium | max. | µg/l | | | | | 48 | | 48 | 79 |
| Cadmium | max. | µg/l | 0.1 | 0.16 | 0.11 | 0.11 | 0.13 | 0.17 | 0.13 | <0.50 |
| Chromium | max. | µg/l | 1.5 | 1.4 | 1.6 | 2 | 1.2 | 1.3 | 1.5 | 2.8 |
| Copper | max. | µg/l | 19 | 0.16 | 11 | 13 | 24 | 16 | 14 | <2.0 |
| Iron | max. | mg/l | 58 | 43 | 41 | 46 | 31 | 64 | 47 | <0.02 |
| Lead | max. | µg/l | 0.5 | 0.4 | 0.2 | 0.5 | 0.6 | 0.5 | 0.5 | <0.50 |
| Manganese | max. | µg/l | 5.7 | 4.9 | 1.8 | 2.6 | 2.4 | 49 | 11 | <2.0 |
| Mercury | max. | µg/l | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.20 |
| Nickel | max. | µg/l | | 1.7 | | | | | 1.7 | <5.0 |
| Antimony | max. | µg/l | | 0.6 | | | 0.5 | | 0.6 | <1.0 |
| Selenium | max. | µg/l | 0.46 | 0.55 | 2 | 2.4 | 2.2 | 0.71 | 1.4 | <5.0 |
| Silver | max. | µg/l | | 0.27 | | | 0 | | 0.1 | <0.50 |
| Zinc | max. | mg/l | 72 | 69 | 39 | 41 | 79 | 66 | 61 | <20 |
| Cyanide | max. | mg/l | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Beryllium | max. | µg/l | | <1.0 | | | | | <1.0 | <1.0 |
| Thallium | max. | µg/l | | <1.0 | | | | | <1.0 | <1.0 |
| Calcium | max. | mg/l | 68 | 64 | 63 | 69 | 85 | 58 | 68 | 57 |
| Magnesium | max. | mg/l | 21 | 21 | 15.7 | 24 | 18 | 19 | 20 | 20 |
| Potassium | max. | mg/l | 17 | 18 | 13 | 16.3 | 14 | 17 | 16 | 3.9 |
| Sodium | max. | mg/l | 120 | 120 | 100 | 130 | 140 | 120 | 122 | 57 |
| Chromium VI | max. | µg/l | 0 | 0.16 | 0.19 | 0.22 | 0 | 0.10 | 0.11 | 2.4 |
| THMs | max. | µg/l | 27 | 32 | 21 | 23 | 30 | 25 | 26 | 23 |
| SAR | max. | | 4.6 | 4.7 | 4.1 | 4.9 | 5.1 | 4.9 | 4.7 | 2.3 |