

**BURBANK WATER AND POWER
2008 & 2009 RECYCLED WATER SAMPLING RESULTS**

| Constituents/Units | | | 2008 | | 2009 | | | | 6 Month | 2008 Potable |
|--------------------|------|------|------|------|------|------|-------|-------|---------|--------------|
| | | | Nov | Dec | Jan | Feb | March | April | Avg. | Avg. |
| Turbidity | avg. | NTU | 0.35 | 0.36 | 0.39 | 0.51 | 0.44 | 0.49 | 0.42 | 0.09 |
| pH | min. | S.U. | 7.2 | 7.2 | 7.1 | 7.2 | 7.1 | 7.1 | 7.2 | 8.0 |
| pH | max. | S.U. | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 | 7.5 | 8.4 |
| TSS | avg. | mg/l | <1 | 1.13 | <1 | <1 | <1 | <1 | 1 | |
| BOD | avg. | mg/l | <3 | <3 | <3 | <3 | <3 | <3 | <3 | |
| TDS | max. | mg/l | 675 | 674 | 710 | 698 | 688 | 690 | 689 | 421 |
| Chloride | max. | mg/l | 133 | 123 | 123 | 132 | 128 | 134 | 129 | 67 |
| Sulfate | max. | mg/l | 149 | 141 | 156 | 162 | 158 | 146 | 152 | 98 |
| Fluoride | max. | mg/l | 0.6 | 0.55 | 0.55 | 0.7 | 0.6 | 0.68 | 0.6 | 0.67 |
| Hardness | max. | mg/l | 240 | 250 | 260 | 240 | 230 | 240 | 243 | 226 |
| Boron | max. | mg/l | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 | 0.4 | 0.50 | 0.141 |
| Nitrate-N | max. | mg/l | 5.32 | 3.54 | 4.32 | 3.29 | 2.59 | 2.69 | 3.6 | 3.3 |
| Nitrite-N | max. | mg/l | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.20 |
| Nitrate+Nitrite | max. | mg/l | 5.32 | 3.54 | 4.32 | 3.29 | 2.59 | 2.69 | 3.6 | 3.3 |
| Arsenic | max. | µg/l | 1.1 | 2 | 1.8 | 2.1 | 2 | 2 | 2 | 1.5 |
| Barium | max. | µg/l | 51.9 | | | | | | 52 | 79 |
| Cadmium | max. | µg/l | 0.19 | 0.15 | 0.14 | 0.13 | 0.08 | 0.13 | <0.5 | <0.50 |
| Chromium | max. | µg/l | 3.2 | 1.6 | 1.9 | 2.2 | 1.2 | 1.8 | 2.0 | 2.8 |
| Copper | max. | µg/l | 2.6 | 15 | 13 | 15 | 14 | 27 | 14 | <2.0 |
| Iron | max. | µg/l | 68 | 57 | 71 | 64 | 100 | 87 | 75 | <0.02 |
| Lead | max. | µg/l | 0.9 | 1.0 | 0.7 | 0.5 | 0.4 | 0.8 | 0.7 | <0.50 |
| Manganese | max. | µg/l | 10.3 | 11.5 | 4.3 | 13.2 | 5 | 14.5 | 9.8 | <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 | 2.7 | | | | | | 2.7 | <5.0 |
| Antimony | max. | µg/l | 1.4 | | | | | | 0.8 | <1.0 |
| Selenium | max. | µg/l | 0.36 | 0.44 | 0.51 | 0.97 | 1 | 1 | 0.7 | <5.0 |
| Silver | max. | µg/l | 0.89 | | | | | | 0.9 | <0.50 |
| Zinc | max. | µg/l | 0 | 99 | 89 | 91 | 59 | 70 | 68 | <20 |
| Cyanide | max. | µg/l | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Beryllium | max. | µg/l | | | | | | | <1 | <1.0 |
| Thallium | max. | µg/l | | | | | | | | <1.0 |
| Calcium | max. | mg/l | 69 | 67 | 76 | 67 | 74 | 73 | 71 | 57 |
| Magnesium | max. | mg/l | 18 | 21 | 21 | 20 | 21 | 22 | 21 | 20 |
| Potassium | max. | mg/l | 16 | 16 | 18 | 18 | 16 | 18 | 17 | 3.9 |
| Sodium | max. | mg/l | 125 | 112 | 160 | 150 | 120 | 140 | 135 | 57 |
| Chromium VI | max. | µg/l | 0.12 | ND | ND | ND | 0.17 | 0.11 | ND | 2.4 |
| THMs | max. | µg/l | 46.3 | 44.9 | 44.9 | 25.5 | 25.5 | 24.3 | 17.2 | 23 |
| SAR | max. | | 4.9 | 4.3 | 5.9 | 5.8 | 4.5 | 5.2 | 5.1 | 2.3 |