

**BURBANK WATER AND POWER
2017 RECYCLED WATER SAMPLING RESULTS**

| | | | 2017 | | | | | | 6 Month Avg. | 2017 Potable |
|-------------------|------|---------|------|------|------|------|--------|-------|--------------|--------------|
| | | | Jul | Aug | Sep | Oct | Nov | Dec | | |
| Turbidity | avg. | NTU | 0.22 | 0.18 | 0.19 | 0.31 | 0.18 | 0.27 | 0.22 | 0.064 |
| pH | min. | S.U. | 7.0 | 7.0 | 7.2 | 7.4 | 7.4 | 7.2 | 7.2 | 8.2 |
| pH | max. | S.U. | 7.9 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 | 7.7 | 8.3 |
| TSS | avg. | mg/l | 0.9 | 1.3 | 0.7 | 0.7 | 0.7 | 0.2 | <1 | |
| BOD | avg. | mg/l | <3 | <3 | 4 | <3 | <3 | <3 | <3 | |
| TDS | max. | mg/l | 630 | 570 | 560 | 590 | 660 | 600 | 602 | 460 |
| Chloride | max. | mg/l | 120 | 130 | 120 | 130 | 120 | 110 | 122 | 64 |
| Sulfate | max. | mg/l | 130 | 130 | 110 | 120 | 110 | 120 | 120 | 83 |
| Fluoride | max. | mg/l | 0.60 | 0.74 | 0.64 | 0.72 | 0.70 | 0.71 | 0.69 | 0.53 |
| Hardness | max. | mg/l | 276 | 242 | 247 | 231 | 255 | 247 | 250 | 253 |
| Boron | max. | mg/l | 0.80 | 0.36 | 0.36 | 0.36 | 0.36 | 0.38 | 0.44 | 0.12 |
| Nitrate-N | max. | mg/l | 6.9 | 5.2 | 5.7 | 6.7 | 6.0 | 4.8 | 5.9 | 4.8 |
| Nitrite-N | max. | mg/l | 0.0 | 0.12 | 0.22 | 0.51 | 0.17 | 0.50 | <0.1 | <0.2 |
| Nitrate+Nitrite | max. | mg/l | 6.9 | 5.3 | 5.9 | 7.2 | 7.6 | 5.3 | 6.4 | 4.8 |
| Ammonia-N | max. | mg/l | 0.9 | 1.7 | 1.4 | 2.1 | 1.8 | 2.1 | 1.7 | |
| Phosphorus-P | max. | mg/l | 2.1 | 1.8 | 0.3 | 1.7 | 2.9 | 1.4 | 1.7 | |
| Phosphate (PO4) | max. | mg/l | 6 | 5.4 | 0.8 | 5.2 | 8.8 | 4.3 | 5.2 | 1.2 |
| Alkalinity(CaCO3) | max. | mg/l | 220 | 220 | 210 | 220 | 220 | 220 | 218 | 190 |
| Bicarbonate(HCO3) | max. | mg/l | 270 | 270 | 250 | 270 | 270 | 270 | 267 | 230 |
| Conductivity | max. | umho/cm | 1000 | 960 | 1000 | 1000 | 1000 | 1000 | 993 | 745 |
| Aluminum | max. | µg/l | 8 | 8.0 | 11.0 | 7 | 7 | 9 | ND | 26 |
| Arsenic | max. | µg/l | 1.1 | 0.8 | 0.8 | 0.9 | 1.0 | 0.9 | 0.9 | 1.2 |
| Cadmium | max. | µg/l | 0.2 | 0.11 | 0.11 | 0.17 | 0.11 | <0.50 | 0.13 | <0.50 |
| Chromium | max. | µg/l | | | 3 | | 1.4 | | 2.3 | 2.5 |
| Cobalt | max. | µg/l | 0.24 | 0.23 | 0.23 | 0.30 | 0.20 | 0.25 | <0.2 | <2 |
| Copper | max. | µg/l | 22 | 10 | 9 | 11.0 | 9.7 | 8.4 | 12 | <2 |
| Iron | max. | µg/l | 31 | 20 | 47 | 52 | 51 | 54 | 43 | <20 |
| Lead | max. | µg/l | 3.3 | 0.70 | 0.73 | 0.63 | 0.61 | 0.38 | 1.1 | <0.50 |
| Mercury | max. | µg/l | | | 0 | | 0.0010 | | <0.2 | <0.20 |
| Nickel | max. | µg/l | 1.7 | 1.6 | 2.4 | 1.6 | 1.5 | 1.8 | <5 | <5 |
| Selenium | max. | µg/l | 1.8 | 1.4 | 0.7 | 1.5 | 0.2 | 1.5 | 1 | <5 |
| Zinc | max. | µg/l | 74 | 65 | 57 | 80 | 72 | 63 | 69 | <20 |
| Beryllium | max. | µg/l | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| Calcium | max. | mg/l | 71 | 65 | 62 | 66 | 68 | 66 | 66 | 66 |
| Magnesium | max. | mg/l | 22 | 20 | 19 | 20 | 20 | 20 | 20 | 20 |
| Potassium | max. | mg/l | 20 | 19 | 17 | 17 | 18 | 18 | 18 | 4.4 |
| Sodium | max. | mg/l | 100 | 99 | 93 | 96 | 88 | 88 | 94 | 51 |
| Silica | max. | mg/l | 24 | 21 | 22 | 22 | 23 | 23 | 23 | |
| Chromium VI | max. | µg/l | | | 0 | | 0.52 | | 0.35 | 2.9 |
| Vanadium | max. | µg/l | 1.9 | 1.7 | 1.3 | 1.4 | 1.3 | 1.4 | <3 | 3.1 |
| THMs | max. | µg/l | 18 | ND | 3 | 11.7 | 6.3 | 18.8 | 12 | 9.2 |
| SAR | max. | | 3.8 | 3.9 | 3.7 | 3.8 | 3.4 | 3.4 | 3.7 | 2.0 |