

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

Constituents/Units			2008	2009					6 Month	2008 Potable
			Dec	Jan	Feb	March	April	May	Avg.	Avg.
Turbidity	avg.	NTU	0.36	0.39	0.51	0.44	0.49	0.39	0.43	0.09
pH	min.	S.U.	7.2	7.1	7.2	7.1	7.1	7.2	7.2	8.0
pH	max.	S.U.	7.5	7.5	7.5	7.4	7.4	7.5	7.5	8.4
TSS	avg.	mg/l	1.13	<1	<1	<1	<1	<1	1	
BOD	avg.	mg/l	<3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	674	710	698	688	690	688	691	421
Chloride	max.	mg/l	123	123	132	128	134	125	128	67
Sulfate	max.	mg/l	141	156	162	158	146	122	148	98
Fluoride	max.	mg/l	0.55	0.55	0.7	0.6	0.68	0.58	0.6	0.67
Hardness	max.	mg/l	250	260	240	230	240	270	248	226
Boron	max.	mg/l	0.5	0.6	0.5	0.5	0.4	0.4	0.48	0.141
Nitrate-N	max.	mg/l	3.54	4.32	3.29	2.59	2.69	4.31	3.5	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	3.54	4.32	3.29	2.59	2.69	4.31	3.5	3.3
Arsenic	max.	µg/l	2	1.8	2.1	2	2	2	2	1.5
Barium	max.	µg/l						58.7	59	79
Cadmium	max.	µg/l	0.15	0.14	0.13	0.08	0.13	0.14	<0.5	<0.50
Chromium	max.	µg/l	1.6	1.9	2.2	1.2	1.8	2.1	1.8	2.8
Copper	max.	µg/l	15	13	15	14	27	19	17	<2.0
Iron	max.	µg/l	57	71	64	100	87	66	74	<0.02
Lead	max.	µg/l	1.0	0.7	0.5	0.4	0.8	0.5	0.7	<0.50
Manganese	max.	µg/l	11.5	4.3	13.2	5	14.5	6	9.1	<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						2.8	2.8	<5.0
Antimony	max.	µg/l							0.8	<1.0
Selenium	max.	µg/l	0.44	0.51	0.97	1	1	2.4	1.1	<5.0
Silver	max.	µg/l						2.5	2.5	<0.50
Zinc	max.	µg/l	99	89	91	59	70	70	80	<20
Cyanide	max.	µg/l	<5	<5	<5	<5	<5	<5	<5	<5
Beryllium	max.	µg/l								<1.0
Thallium	max.	µg/l								<1.0
Calcium	max.	mg/l	67	76	67	74	73	74	72	57
Magnesium	max.	mg/l	21	21	20	21	22	25	22	20
Potassium	max.	mg/l	16	18	18	16	18	17	17	3.9
Sodium	max.	mg/l	112	160	150	120	140	140	137	57
Chromium VI	max.	µg/l	ND	ND	ND	0.17	0.11	0.32	ND	2.4
THMs	max.	µg/l	44.9	44.9	25.5	25.5	24.3	31.1	17.2	23
SAR	max.		4.3	5.9	5.8	4.5	5.2	5.1	5.1	2.3