

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

			2008			2009			6 Month Avg.	2008 Potable Avg.
			Oct	Nov	Dec	Jan	Feb	March		
Turbidity	avg.	NTU	0.29	0.35	0.36	0.39	0.51	0.44	0.39	0.09
pH	min.	S.U.	7.2	7.2	7.2	7.1	7.2	7.1	7.2	8.0
pH	max.	S.U.	7.5	7.5	7.5	7.5	7.5	7.4	7.5	8.4
TSS	avg.	mg/l	<1	<1	1.13	<1	<1	<1	1	
BOD	avg.	mg/l	<3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	690	675	674	710	698	688	689	421
Chloride	max.	mg/l	141	133	123	123	132	128	130	67
Sulfate	max.	mg/l	157	149	141	156	162	158	154	98
Fluoride	max.	mg/l	0.7	0.6	0.55	0.55	0.7	0.6	0.6	0.67
Hardness	max.	mg/l	240	240	250	260	240	230	243	226
Boron	max.	mg/l	0.5	0.5	0.5	0.6	0.5	0.5	0.52	0.141
Nitrate-N	max.	mg/l	2.99	5.32	3.54	4.32	3.29	2.59	3.7	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	2.99	5.32	3.54	4.32	3.29	2.59	3.7	3.3
Arsenic	max.	µg/l	1.8	1.1	2	1.8	2.1	2	2	1.5
Barium	max.	µg/l	52.3	51.9					52	79
Cadmium	max.	µg/l	0.11	0.19	0.15	0.14	0.13	0.08	<0.5	<0.50
Chromium	max.	µg/l	2.5	3.2	1.6	1.9	2.2	1.2	2.1	2.8
Copper	max.	µg/l	24	2.6	15	13	15	14	14	<2.0
Iron	max.	µg/l	130	68	57	71	64	100	82	<0.02
Lead	max.	µg/l	1.2	0.9	1.0	0.7	0.5	0.4	0.8	<0.50
Manganese	max.	µg/l	15.8	10.3	11.5	4.3	13.2	5	10.0	<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	2.9	2.7					2.8	<5.0
Antimony	max.	µg/l	1.3	1.4					0.8	<1.0
Selenium	max.	µg/l		0.36	0.44	0.51	0.97	1	0.7	<5.0
Silver	max.	µg/l	0.72	0.89					0.8	<0.50
Zinc	max.	µg/l	67	0	99	89	91	59	68	<20
Cyanide	max.	µg/l	<5	<5	<5	<5	<5	<5	<5	<5
Beryllium	max.	µg/l	<1						<1	<1.0
Thallium	max.	µg/l								<1.0
Calcium	max.	mg/l	73	69	67	76	67	74	71	57
Magnesium	max.	mg/l	20	18	21	21	20	21	20	20
Potassium	max.	mg/l	19	16	16	18	18	16	17	3.9
Sodium	max.	mg/l	140	125	112	160	150	120	135	57
Chromium VI	max.	µg/l	ND	0.12	ND	ND	ND	0.17	ND	2.4
THMs	max.	µg/l	44.6	46.3	44.9	44.9	25.5	25.5	17.2	23
SAR	max.		5.3	4.9	4.3	5.9	5.8	4.5	5.1	2.3