

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

			2009						6 Month Avg.	2008 Potable Avg.
			Jan	Feb	March	April	May	June		
Turbidity	avg.	NTU	0.39	0.51	0.44	0.49	0.39	0.39	0.44	0.09
pH	min.	S.U.	7.1	7.2	7.1	7.1	7.2	7.2	7.2	8.0
pH	max.	S.U.	7.5	7.5	7.4	7.4	7.5	7.5	7.5	8.4
TSS	avg.	mg/l	<1	<1	<1	<1	<1	1.1	1	
BOD	avg.	mg/l	<3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	710	698	688	690	688	727	700	421
Chloride	max.	mg/l	123	132	128	134	125	145	131	67
Sulfate	max.	mg/l	156	162	158	146	122	136	147	98
Fluoride	max.	mg/l	0.55	0.7	0.6	0.68	0.58	0.57	0.6	0.67
Hardness	max.	mg/l	260	240	230	240	270	250	248	226
Boron	max.	mg/l	0.6	0.5	0.5	0.4	0.4	0.38	0.46	0.141
Nitrate-N	max.	mg/l	4.32	3.29	2.59	2.69	4.31	6.15	3.9	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	4.32	3.29	2.59	2.69	4.31	6.15	3.9	3.3
Arsenic	max.	µg/l	1.8	2.1	2	2	2	1.8	2	1.5
Barium	max.	µg/l					58.7		59	79
Cadmium	max.	µg/l	0.14	0.13	0.08	0.13	0.14	0.12	0.1	<0.50
Chromium	max.	µg/l	1.9	2.2	1.2	1.8	2.1	1.4	1.8	2.8
Copper	max.	µg/l	13	15	14	27	19	24	19	<2.0
Iron	max.	mg/l	71	64	100	87	66	53	74	<0.02
Lead	max.	µg/l	0.7	0.5	0.4	0.8	0.5	0.8	0.6	<0.50
Manganese	max.	µg/l	4.3	13.2	5	14.5	6	8.7	8.6	<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								<1.0
Selenium	max.	µg/l	0.51	0.97	1	1	2.4	0.6	1.1	<5.0
Silver	max.	µg/l					2.5		2.5	<0.50
Zinc	max.	mg/l	89	91	59	70	70	92	79	<20
Cyanide	max.	mg/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	76	67	74	73	74	62	71	57
Magnesium	max.	mg/l	21	20	21	22	25	21	22	20
Potassium	max.	mg/l	18	18	16	18	17	17	17	3.9
Sodium	max.	mg/l	160	150	120	140	140	130	140	57
Chromium VI	max.	µg/l	ND	ND	0.17	0.11	0.32	0.17	ND	2.4
THMs	max.	µg/l	44.9	25.5	25.5	24.3	31.1	30.1	30	23
SAR	max.		5.9	5.8	4.5	5.2	5.1	5.1	5.3	2.3