

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

			2009						6 Month	2008
			June	July	Aug	Sept	Oct	Nov	Avg.	Potable
									Avg.	Avg.
Turbidity	avg.	NTU	0.39	0.3	0.34	0.38	0.25	0.25	0.32	0.09
pH	min.	S.U.	7.2	7.2	7.2	7.3	7.3	7.3	7.3	8.0
pH	max.	S.U.	7.5	7.5	7.5	7.5	7.5	7.6	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	727	686	703	702	645	635	683	421
Chloride	max.	mg/l	145	132	132	132	129	132	133	67
Sulfate	max.	mg/l	136	122	122	118	123	126	124	98
Fluoride	max.	mg/l	0.57	0.53	0.53	0.67	0.65	0.73	0.6	0.67
Hardness	max.	mg/l	250	260	250	250	260	260	255	226
Boron	max.	mg/l	0.38	0.37	0.39	0.36	0.4	0.45	0.39	0.141
Nitrate-N	max.	mg/l	6.2	4.3	5.4	6.6	4.5	6.7	5.6	3.3
Nitrite-N	max.	mg/l	<0.1	<0.1	<0.1	<0.1	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	6.2	4.3	5.4	6.6	4.5	6.7	5.6	3.3
Arsenic	max.	µg/l	1.8	1.5	1.5	2.8	2.5	2.7	2.1	1.5
Barium	max.	µg/l						48	48	79
Cadmium	max.	µg/l	0.12	0.1	0.16	0.11	0.11	0.13	0.12	<0.50
Chromium	max.	µg/l	1.4	1.5	1.4	1.6	2	1.2	1.5	2.8
Copper	max.	µg/l	24	19	0.16	11	13	24	15	<2.0
Iron	max.	mg/l	53	58	43	41	46	31	45	<0.02
Lead	max.	µg/l	0.8	0.5	0.4	0.2	0.5	0.62	0.5	<0.50
Manganese	max.	µg/l	8.7	5.7	4.9	1.8	2.6	2.4	4.4	<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			1.7				1.7	<5.0
Antimony	max.	µg/l			0.6			0.53	0.6	<1.0
Selenium	max.	µg/l	0.6	0.46	0.55	2	2.4	2.2	1.4	<5.0
Silver	max.	µg/l			0.27			0	0.1	<0.50
Zinc	max.	mg/l	92	72	69	39	41	79	65	<20
Cyanide	max.	mg/l	<5	<5	<5	<5	<5	<5	<5	<5
Beryllium	max.	µg/l			<1.0				<1.0	<1.0
Thallium	max.	µg/l			<1.0				<1.0	<1.0
Calcium	max.	mg/l	62	68	64	63	69	85	69	57
Magnesium	max.	mg/l	21	21	21	15.7	24	18	20	20
Potassium	max.	mg/l	17	17	18	13	16.3	14	16	3.9
Sodium	max.	mg/l	130	120	120	100	130	140	123	57
Chromium VI	max.	µg/l	0.17	ND	0.16	0.19	0.22	0	ND	2.4
THMs	max.	µg/l	30	27	32	21	23	30	27	23
SAR	max.		5.1	4.6	4.7	4.1	4.9	5.1	4.8	2.3