

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

			2009						6 Month	2008
			May	June	July	Aug	Sept	Oct	Avg.	Potable
									Avg.	Avg.
Turbidity	avg.	NTU	0.39	0.39	0.30	0.34	0.38	0.25	0.34	0.09
pH	min.	S.U.	7.2	7.2	7.2	7.2	7.3	7.3	7.2	8.0
pH	max.	S.U.	7.5	7.5	7.5	7.5	7.5	7.5	7.6	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	688	727	686	703	702	645	692	421
Chloride	max.	mg/l	125	145	132	132	132	129	132	67
Sulfate	max.	mg/l	122	136	122	122	118	123	124	98
Fluoride	max.	mg/l	0.58	0.57	0.53	0.53	0.67	0.65	0.6	0.67
Hardness	max.	mg/l	270	250	260	250	250	260	257	226
Boron	max.	mg/l	0.4	0.38	0.37	0.39	0.36	0.40	0.38	0.141
Nitrate-N	max.	mg/l	4.3	6.2	4.3	5.4	6.6	4.5	5.2	3.3
Nitrite-N	max.	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	4.3	6.2	4.3	5.4	6.6	4.5	5.2	3.3
Arsenic	max.	µg/l	2.0	1.8	1.5	1.5	2.8	2.5	2.0	1.5
Barium	max.	µg/l	59						59	79
Cadmium	max.	µg/l	0.14	0.12	0.1	0.16	0.11	0.11	0.12	<0.50
Chromium	max.	µg/l	2.1	1.4	1.5	1.4	1.6	2.0	1.7	2.8
Copper	max.	µg/l	19	24	19	0.16	11	13	14	<2.0
Iron	max.	mg/l	66	53	58	43	41	46	51	<0.02
Lead	max.	µg/l	0.5	0.8	0.5	0.4	0.2	0.48	0.5	<0.50
Manganese	max.	µg/l	6.0	8.7	5.7	4.9	1.8	2.6	5.0	<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	2.8			1.7			2.3	<5.0
Antimony	max.	µg/l				0.6			0.6	<1.0
Selenium	max.	µg/l	2.4	0.60	0.46	0.55	2.0	2.4	1.4	<5.0
Silver	max.	µg/l	2.5			0.27			1.4	<0.50
Zinc	max.	mg/l	70	92	72	69	39	41	64	<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	74	62	68	64	63	69	67	57
Magnesium	max.	mg/l	25	21	21	21	16	24	21	20
Potassium	max.	mg/l	17	17	17	18	13	16	16	3.9
Sodium	max.	mg/l	140	130	120	120	100	130	123	57
Chromium VI	max.	µg/l	0.32	0.17	ND	0.16	0.19	0.22	ND	2.4
THMs	max.	µg/l	31	30	27	32	21	23	27	23
SAR	max.		5.1	5.1	4.6	4.7	4.1	4.9	4.8	2.3