

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

			2009						6 Month	2008
			April	May	June	July	Aug	Sept	Avg.	Potable Avg.
Turbidity	avg.	NTU	0.49	0.39	0.39	0.3	0.34	0.38	0.38	0.09
pH	min.	S.U.	7.1	7.2	7.2	7.2	7.2	7.3	7.2	8.0
pH	max.	S.U.	7.4	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	690	688	727	686	703	702	699	421
Chloride	max.	mg/l	134	125	145	132	132	132	133	67
Sulfate	max.	mg/l	146	122	136	122	122	118	128	98
Fluoride	max.	mg/l	0.68	0.58	0.57	0.53	0.53	0.67	0.6	0.67
Hardness	max.	mg/l	240	270	250	260	250	250	253	226
Boron	max.	mg/l	0.4	0.4	0.38	0.37	0.39	0.36	0.38	0.141
Nitrate-N	max.	mg/l	2.69	4.31	6.15	4.33	5.37	6.63	4.9	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	2.69	4.31	6.15	4.33	5.37	6.63	4.9	3.3
Arsenic	max.	µg/l	2	2	1.8	1.5	1.5	2.8	2	1.5
Barium	max.	µg/l		58.7					59	79
Cadmium	max.	µg/l	0.13	0.14	0.12	0.1	0.16	0.11	0.13	<0.50
Chromium	max.	µg/l	1.8	2.1	1.4	1.5	1.4	1.6	1.6	2.8
Copper	max.	µg/l	27	19	24	19	0.16	11	17	<2.0
Iron	max.	mg/l	87	66	53	58	43	41	58	<0.02
Lead	max.	µg/l	0.8	0.5	0.8	0.5	0.4	0.22	0.5	<0.50
Manganese	max.	µg/l	14.5	6	8.7	5.7	4.9	1.8	6.9	<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	1	2.4	0.6	0.46	0.55	2	1.2	<5.0
Silver	max.	µg/l		2.5			0.27		1.4	<0.50
Zinc	max.	mg/l	70	70	92	72	69	39	69	<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	73	74	62	68	64	63	67	57
Magnesium	max.	mg/l	22	25	21	21	21	16	21	20
Potassium	max.	mg/l	18	17	17	17	18	13	17	3.9
Sodium	max.	mg/l	140	140	130	120	120	100	125	57
Chromium VI	max.	µg/l	0.11	0.32	0.17	ND	0.16	0.19	ND	2.4
THMs	max.	µg/l	24.3	31.1	30.1	26.9	31.6	21	27	23
SAR	max.		5.2	5.1	5.1	4.6	4.7	4.13	4.8	2.3