

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

			2009						6 Month	2008
			Feb	March	April	May	June	July	Avg.	Potable
									Avg.	Avg.
Turbidity	avg.	NTU	0.51	0.44	0.49	0.39	0.39	0.3	0.42	0.09
pH	min.	S.U.	7.2	7.1	7.1	7.2	7.2	7.2	7.2	8.0
pH	max.	S.U.	7.5	7.4	7.4	7.5	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	698	688	690	688	727	686	696	421
Chloride	max.	mg/l	132	128	134	125	145	132	133	67
Sulfate	max.	mg/l	162	158	146	122	136	122	141	98
Fluoride	max.	mg/l	0.7	0.6	0.68	0.58	0.57	0.53	0.6	0.67
Hardness	max.	mg/l	240	230	240	270	250	260	248	226
Boron	max.	mg/l	0.5	0.5	0.4	0.4	0.38	0.37	0.43	0.141
Nitrate-N	max.	mg/l	3.29	2.59	2.69	4.31	6.15	4.33	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	3.29	2.59	2.69	4.31	6.15	4.33	3.9	3.3
Arsenic	max.	µg/l	2.1	2	2	2	1.8	1.5	2	1.5
Barium	max.	µg/l				58.7			59	79
Cadmium	max.	µg/l	0.13	0.08	0.13	0.14	0.12	0.1	0.1	<0.50
Chromium	max.	µg/l	2.2	1.2	1.8	2.1	1.4	1.5	1.7	2.8
Copper	max.	µg/l	15	14	27	19	24	19	20	<2.0
Iron	max.	mg/l	64	100	87	66	53	58	71	<0.02
Lead	max.	µg/l	0.5	0.4	0.8	0.5	0.8	0.5	0.6	<0.50
Manganese	max.	µg/l	13.2	5	14.5	6	8.7	5.7	8.9	<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			2.8	<5.0
Antimony	max.	µg/l								<1.0
Selenium	max.	µg/l	0.97	1	1	2.4	0.6	0.46	1.1	<5.0
Silver	max.	µg/l				2.5			2.5	<0.50
Zinc	max.	mg/l	91	59	70	70	92	72	76	<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	67	74	73	74	62	68	70	57
Magnesium	max.	mg/l	20	21	22	25	21	21	22	20
Potassium	max.	mg/l	18	16	18	17	17	17	17	3.9
Sodium	max.	mg/l	150	120	140	140	130	120	133	57
Chromium VI	max.	µg/l	ND	0.17	0.11	0.32	0.17	ND	ND	2.4
THMs	max.	µg/l	25.5	25.5	24.3	31.1	30.1	31.6	28	23
SAR	max.		5.8	4.5	5.2	5.1	5.1	4.6	5.1	2.3