

**BURBANK WATER AND POWER
2010 RECYCLED WATER SAMPLING RESULTS**

			2010						6 Month Avg.	2010 Potable Avg.
			June	July	Aug	Sep	Oct	Nov		
Turbidity	avg.	NTU	0.30	0.30	0.29	0.24	0.28	0.32	0.29	0.09
pH	min.	S.U.	7.2	7.3	7.3	7.3	7.3	7.2	7.3	7.8
pH	max.	S.U.	7.5	7.5	7.5	7.5	7.5	7.7	7.5	8.3
TSS	avg.	mg/l	<1	<1	<1	<1	<1	<1	<1	
BOD	avg.	mg/l	<3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	655	664	660	688	653	620	657	405
Chloride	max.	mg/l	132	135	127	132	130	123	130	60
Sulfate	max.	mg/l	126	117	119	126	123	115	121	74
Fluoride	max.	mg/l	0.40	0.50	0.61	0.74	0.66	0.74	0.6	0.66
Hardness	max.	mg/l	220	230	280	250	250	290	253	233
Boron	max.	mg/l	0.40	0.40	0.49	0.42	0.39	0.49	0.43	0.138
Nitrate-N	max.	mg/l	4.4	4.9	5.4	4.9	5.0	5.1	5.0	4.6
Nitrite-N	max.	mg/l	ND	ND	ND	ND	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	4.4	4.9	5.4	4.9	5.0	5.1	5.0	4.6
Ammonia-N	max.	mg/l	1.1	0.8	1.1	0.6	1.0	1.1	1.0	
Phosphorus	max.	mg/l								
Arsenic	max.	µg/l	1.2	0.8	1.2			1.5	1.2	1.8
Barium	max.	µg/l								80
Cadmium	max.	µg/l	0.13	0.16	0.17	0.12	0.00	0.00	0.10	<0.50
Chromium	max.	µg/l	1.7	2.2	2.2	2.3	6.0	1.8	2.7	4.2
Copper	max.	µg/l	12	17	20	16	9	15	15	<2.0
Iron	max.	µg/l	45	31	50			90	54	<20
Lead	max.	µg/l	1.0	0.5	1.8	0.5	0.4	0.6	0.8	<0.50
Manganese	max.	µg/l	3.3	3.5	2.3	2.0	1.7	1.8	2	<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	2.5		2.9			2.8	2.7	<5.0
Antimony	max.	µg/l			0.58			0.48	0.5	<1.0
Selenium	max.	µg/l	1.8	1.3	1.4	1.0	0.2	0.8	1.1	<5.0
Silver	max.	µg/l	0.27		0.21			0.15	0.2	<0.50
Zinc	max.	µg/l	70	81	73	76	61	66	71	<20
Cyanide	max.	µg/l	<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	60	63	71		71		66	62
Magnesium	max.	mg/l	19	20	21		21		20	19
Potassium	max.	mg/l	16	18	15		16		16	3.7
Sodium	max.	mg/l	120	113	112		116		115	49
Chromium VI	max.	µg/l	0.053	0.044	0.067	0.028	0.058	0.13	0.06	3.7
THMs	max.	µg/l	24	16	17	21	14	18	18	13
SAR	max.		4.9	4.5	4.2		4.4		4.5	2.0