

**BURBANK WATER AND POWER
2009 - 2010 RECYCLED WATER SAMPLING RESULTS**

			2009					2010	6 Month Avg.	2009 Potable Avg.
			Aug	Sept	Oct	Nov	Dec	Jan		
Turbidity	avg.	NTU	0.34	0.376	0.25	0.25	0.41	0.51	0.36	0.1
pH	min.	S.U.	7.2	7.3	7.3	7.3	7.2	6.7	7.2	7.8
pH	max.	S.U.	7.5	7.5	7.5	7.6	7.5	7.5	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	703	702	645	635	630	610	654	450
Chloride	max.	mg/l	132	131.8	129	132	126	126	129	60
Sulfate	max.	mg/l	122	117.66	123	126	115	124	121	86
Fluoride	max.	mg/l	0.53	0.67	0.65	0.73	0.63	0.57	0.6	0.66
Hardness	max.	mg/l	250	250	260	260	230	230	247	247
Boron	max.	mg/l	0.39	0.36	0.4	0.45	0.43	0.36	0.40	0.138
Nitrate-N	max.	mg/l	5.4	6.6	4.5	6.7	5.5	3.3	5.3	4.5
Nitrite-N	max.	mg/l	<0.1	<0.1	ND	ND	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	5.4	6.6	4.5	6.7	5.5	3.3	5.3	4.5
Ammonia-N	max.	mg/l	0.7	0.7	1.0	0.8	1.2	1.1	0.9	
Arsenic	max.	µg/l	1.5	2.8	2.5	2.7	2.3	1.4	2.2	1.8
Barium	max.	µg/l				48.2			48	79
Cadmium	max.	µg/l	0.16	0.11	0.11	0.13	0.17	0.09	0.13	<0.50
Chromium	max.	µg/l	1.4	1.6	2	1.2	1.3	1.4	1.5	3.8
Copper	max.	µg/l	0.16	11	13	24	15.9	11	13	<2.0
Iron	max.	mg/l	43	41	46	31	64	49	46	<0.02
Lead	max.	µg/l	0.4	0.2	0.5	0.6	0.5	0.9	0.5	<0.50
Manganese	max.	µg/l	4.9	1.8	2.6	2.4	49	4.4	11	<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					2.0	1.9	<5.0
Antimony	max.	µg/l	0.6			0.5			0.6	<1.0
Selenium	max.	µg/l	0.55	2.00	2.4	2.2	0.7	1.0	1.5	<5.0
Silver	max.	µg/l	0.27			0			0.1	<0.50
Zinc	max.	mg/l	69	39	41	79	66	43	56	<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	64	63	69	85	58	59	66	66
Magnesium	max.	mg/l	21	15.7	24	18	19	18	19	20
Potassium	max.	mg/l	18	13	16.3	14	17	14	15	4
Sodium	max.	mg/l	120	100	130	140	120	110	120	53
Chromium VI	max.	µg/l	0.16	0.19	0.22	0	0.099	0	0.11	3.5
THMs	max.	µg/l	32	21	23	30	25	28	27	16
SAR	max.		4.7	4.1	4.9	5.1	4.9	4.9	4.7	2.1