

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

			2009		2010				6 Month Avg.	2009 Potable Avg.
			Nov	Dec	Jan	Feb	Mar	Apr		
Turbidity	avg.	NTU	0.25	0.41	0.51	0.66	0.56	0.40	0.47	0.1
pH	min.	S.U.	7.3	7.2	6.7	7.2	7.2	7.2	7.1	7.8
pH	max.	S.U.	7.6	7.5	7.5	7.5	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	635	630	610	630	654	645	634	450
Chloride	max.	mg/l	132	126	126	128	137	127	129	60
Sulfate	max.	mg/l	126	115	124	213	133	115	138	86
Fluoride	max.	mg/l	0.73	0.63	0.57	0.65	0.73	0.74	0.7	0.66
Hardness	max.	mg/l	260	230	230	230	240	220	235	247
Boron	max.	mg/l	0.45	0.43	0.36	0.40	0.42	0.37	0.41	0.138
Nitrate-N	max.	mg/l	6.7	5.5	3.3	4.9	5.8	5.2	5.2	4.5
Nitrite-N	max.	mg/l	ND	ND	ND	ND	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	6.7	5.5	3.3	4.9	5.8	5.2	5.2	4.5
Ammonia-N	max.	mg/l	0.8	1.2	1.1	1.2	1.0	0.9	1.0	
Phosphorus	max.	mg/l	5.6	4.7	3.8		5.0	4.2	4.7	
Arsenic	max.	µg/l	2.7	2.3	1.4	1.8	2.4	2.7	2.2	1.8
Barium	max.	µg/l	48.2						48	79
Cadmium	max.	µg/l	0.13	0.17	0.09	0.09	0.15	1.50	0.36	<0.50
Chromium	max.	µg/l	1.2	1.3	1.4	1.0	2.9	4.1	2.0	3.8
Copper	max.	µg/l	24	15.9	11	11	15	18	16	<2.0
Iron	max.	mg/l	31	64	49	37	65	76	54	<0.02
Lead	max.	µg/l	0.6	0.5	0.9	0.5	0.8	2.1	0.9	<0.50
Manganese	max.	µg/l	2.4	49	4.4	3.4	8.1	18.0	14	<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			2.0				2.0	<5.0
Antimony	max.	µg/l	0.5			0.35			0.4	<1.0
Selenium	max.	µg/l	2.2	0.7	1.0	0.8	1.9	3.9	1.8	<5.0
Silver	max.	µg/l	0			0.27			0.1	<0.50
Zinc	max.	mg/l	79	66	43	32	72	75	61	<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	85	58	59	71	63	62	66	66
Magnesium	max.	mg/l	18	19	18	19	20	20	19	20
Potassium	max.	mg/l	14	17	14	15	18	16	16	4
Sodium	max.	mg/l	140	120	110	110	120	120	120	53
Chromium VI	max.	µg/l	0	0.099	0	0.068	0.15	0.099	0.07	3.5
THMs	max.	µg/l	30	25	28	37	21	25	28	16
SAR	max.		5.1	4.9	4.5	4.2	4.8	4.8	4.7	2.1