

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

			2009			2010			6 Month Avg.	2009 Potable Avg.
			Oct	Nov	Dec	Jan	Feb	Mar		
Turbidity	avg.	NTU	0.25	0.25	0.41	0.51	0.66	0.56	0.44	0.1
pH	min.	S.U.	7.3	7.3	7.2	6.7	7.2	7.2	7.2	7.8
pH	max.	S.U.	7.5	7.6	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	645	635	630	610	630	654	634	450
Chloride	max.	mg/l	129	132	126	126	128	137	130	60
Sulfate	max.	mg/l	123	126	115	124	213	133	139	86
Fluoride	max.	mg/l	0.65	0.73	0.63	0.57	0.65	0.73	0.7	0.66
Hardness	max.	mg/l	260	260	230	230	230	240	242	247
Boron	max.	mg/l	0.4	0.45	0.43	0.36	0.40	0.42	0.41	0.138
Nitrate-N	max.	mg/l	4.5	6.7	5.5	3.3	4.9	5.8	5.1	4.5
Nitrite-N	max.	mg/l	ND	ND	ND	ND	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	4.5	6.7	5.5	3.3	4.9	5.8	5.1	4.5
Ammonia-N	max.	mg/l	1.0	0.8	1.2	1.1	1.2	1.0	1.0	
Phosphorus	max.	mg/l		5.6	4.7	3.8		5.0	4.8	
Arsenic	max.	µg/l	2.5	2.7	2.3	1.4	1.8	2.4	2.2	1.8
Barium	max.	µg/l		48.2					48	79
Cadmium	max.	µg/l	0.11	0.13	0.17	0.09	0.09	0.15	0.12	<0.50
Chromium	max.	µg/l	2	1.2	1.3	1.4	1.0	2.9	1.6	3.8
Copper	max.	µg/l	13	24	15.9	11	11	15	15	<2.0
Iron	max.	mg/l	46	31	64	49	37	65	49	<0.02
Lead	max.	µg/l	0.5	0.6	0.5	0.9	0.5	0.8	0.6	<0.50
Manganese	max.	µg/l	2.6	2.4	49	4.4	3.4	8.1	12	<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	2.4	2.2	0.7	1.0	0.8	1.9	1.5	<5.0
Silver	max.	µg/l		0			0.27		0.1	<0.50
Zinc	max.	mg/l	41	79	66	43	32	72	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	69	85	58	59	71	63	68	66
Magnesium	max.	mg/l	24	18	19	18	19	20	20	20
Potassium	max.	mg/l	16.3	14	17	14	15	18	16	4
Sodium	max.	mg/l	130	140	120	110	110	120	122	53
Chromium VI	max.	µg/l	0.22	0	0.099	0	0.068	0.15	0.09	3.5
THMs	max.	µg/l	23	30	25	28	37	21	27	16
SAR	max.		4.9	5.1	4.9	4.5	4.2	4.8	4.7	2.1