

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

			2009	2010					6 Month	2009
			Dec	Jan	Feb	Mar	Apr	May	Avg.	Potable
										Avg.
Turbidity	avg.	NTU	0.41	0.51	0.66	0.56	0.40	2.57	0.85	0.1
pH	min.	S.U.	7.2	6.7	7.2	7.2	7.2	7.2	7.1	7.8
pH	max.	S.U.	7.5	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	630	610	630	654	645	658	638	450
Chloride	max.	mg/l	126	126	128	137	127	131	129	60
Sulfate	max.	mg/l	115	124	213	133	115	130	138	86
Fluoride	max.	mg/l	0.63	0.57	0.65	0.73	0.74	0.65	0.7	0.66
Hardness	max.	mg/l	230	230	230	240	220	250	233	247
Boron	max.	mg/l	0.43	0.36	0.40	0.42	0.37	0.40	0.40	0.138
Nitrate-N	max.	mg/l	5.5	3.3	4.9	5.8	5.2	5.3	5.0	4.5
Nitrite-N	max.	mg/l	ND	ND	ND	ND	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	5.5	3.3	4.9	5.8	5.2	5.3	5.0	4.5
Ammonia-N	max.	mg/l	1.2	1.1	1.2	1.0	0.9	0.8	1.0	
Phosphorus	max.	mg/l	4.7	3.8		5.0	4.2		4.4	
Arsenic	max.	µg/l	2.3	1.4	1.8	2.4	2.7	1.2	2.0	1.8
Barium	max.	µg/l						50	50	79
Cadmium	max.	µg/l	0.17	0.09	0.09	0.15	1.50	0.35	0.39	<0.50
Chromium	max.	µg/l	1.3	1.4	1.0	2.9	4.1	2.3	2.2	3.8
Copper	max.	µg/l	15.9	11	11	15	18	16	14	<2.0
Iron	max.	mg/l	64	49	37	65	76	46	56	<0.02
Lead	max.	µg/l	0.5	0.9	0.5	0.8	2.1	0.4	0.9	<0.50
Manganese	max.	µg/l	49	4.4	3.4	8.1	18.0	7.2	15	<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				1.9	2.0	<5.0
Antimony	max.	µg/l			0.35			0.94	0.6	<1.0
Selenium	max.	µg/l	0.7	1.0	0.8	1.9	3.9	1.9	1.7	<5.0
Silver	max.	µg/l			0.27			1.5	0.9	<0.50
Zinc	max.	mg/l	66	43	32	72	75	71	60	<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	58	59	71	63	62	61	62	66
Magnesium	max.	mg/l	19	18	19	20	20	19	19	20
Potassium	max.	mg/l	17	14	15	18	16	16	16	4
Sodium	max.	mg/l	120	110	110	120	120	120	117	53
Chromium VI	max.	µg/l	0.099	0	0.068	0.15	0.099	0.058	0.08	3.5
THMs	max.	µg/l	25	28	37	21	25	23	27	16
SAR	max.		4.9	4.5	4.2	4.8	4.8	4.9	4.7	2.1