

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

			2010						6 Month	2009
			Mar	Apr	May	June	July	Aug	Avg.	Potable
										Avg.
Turbidity	avg.	NTU	0.56	0.40	0.40	0.30	0.30	0.29	0.38	0.1
pH	min.	S.U.	7.2	7.2	7.2	7.2	7.3	7.3	7.2	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	654	645	658	655	664	660	656	450
Chloride	max.	mg/l	137	127	131	132	135	127	132	60
Sulfate	max.	mg/l	133	115	130	126	117	119	123	86
Fluoride	max.	mg/l	0.73	0.74	0.65	0.40	0.50	0.61	0.6	0.66
Hardness	max.	mg/l	240	220	250	220	230	280	240	247
Boron	max.	mg/l	0.42	0.37	0.40	0.40	0.40	0.49	0.41	0.138
Nitrate-N	max.	mg/l	5.8	5.2	5.3	4.4	4.9	5.4	5.2	4.5
Nitrite-N	max.	mg/l	ND	ND	ND	ND	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	5.8	5.2	5.3	4.4	4.9	5.4	5.2	4.5
Ammonia-N	max.	mg/l	1.0	0.9	0.8	1.1	0.8	1.1	1.0	
Phosphorus	max.	mg/l	5.0	4.2					4.6	
Arsenic	max.	µg/l	2.4	2.7	1.2	1.2	0.8	1.2	1.6	1.8
Barium	max.	µg/l			50				50	79
Cadmium	max.	µg/l	0.15	1.50	0.35	0.13	0.16	0.17	0.41	<0.50
Chromium	max.	µg/l	2.9	4.1	2.3	1.7	2.2	2.2	2.6	3.8
Copper	max.	µg/l	15	18	16	12	17	20	16	<2.0
Iron	max.	µg/l	65	76	46	45	31	50	52	<20
Lead	max.	µg/l	0.8	2.1	0.4	1.0	0.5	1.8	1.1	<0.50
Manganese	max.	µg/l	8.1	18.0	7.2	3.3	3.5	2.3	7	<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			1.9	2.5		2.9	2.4	<5.0
Antimony	max.	µg/l			0.94			0.58	0.8	<1.0
Selenium	max.	µg/l	1.9	3.9	1.9	1.8	1.3	1.4	2.0	<5.0
Silver	max.	µg/l			1.5	0.27		0.21	0.7	<0.50
Zinc	max.	µg/l	72	75	71	70	81	73	74	<20
Cyanide	max.	µg/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	63	62	61	60	63	71	63	66
Magnesium	max.	mg/l	20	20	19	19	20	21	20	20
Potassium	max.	mg/l	18	16	16	16	18	15	17	4
Sodium	max.	mg/l	120	120	120	120	113	112	118	53
Chromium VI	max.	µg/l	0.15	0.099	0.058	0.053	0.044	0.067	0.08	3.5
THMs	max.	µg/l	21	25	23	24	16	17	21	16
SAR	max.		4.8	4.8	4.9	4.9	4.5	4.2	4.7	2.1