

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

			2010						6 Month Avg.	2010 Potable Avg.
			May	June	July	Aug	Sep	Oct		
Turbidity	avg.	NTU	0.40	0.30	0.30	0.29	0.24	0.28	0.30	0.09
pH	min.	S.U.	7.2	7.2	7.3	7.3	7.3	7.3	7.3	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	658	655	664	660	688	653	663	405
Chloride	max.	mg/l	131	132	135	127	132	130	131	60
Sulfate	max.	mg/l	130	126	117	119	126	123	124	74
Fluoride	max.	mg/l	0.65	0.40	0.50	0.61	0.74	0.66	0.6	0.66
Hardness	max.	mg/l	250	220	230	280	250	250	247	233
Boron	max.	mg/l	0.40	0.40	0.40	0.49	0.42	0.39	0.42	0.138
Nitrate-N	max.	mg/l	5.3	4.4	4.9	5.4	4.9	5.0	5.0	4.6
Nitrite-N	max.	mg/l	ND	ND	ND	ND	ND	ND	<0.1	<0.20
Nitrate+Nitrite	max.	mg/l	5.3	4.4	4.9	5.4	4.9	5.0	5.0	4.6
Ammonia-N	max.	mg/l	0.8	1.1	0.8	1.1	0.6	1.0	0.9	
Phosphorus	max.	mg/l								
Arsenic	max.	µg/l	1.2	1.2	0.8	1.2			1.1	1.8
Barium	max.	µg/l	50						50	80
Cadmium	max.	µg/l	0.35	0.13	0.16	0.17	0.12	0.00	0.16	<0.50
Chromium	max.	µg/l	2.3	1.7	2.2	2.2	2.3	6.0	2.8	4.2
Copper	max.	µg/l	16	12	17	20	16	9	15	<2.0
Iron	max.	µg/l	46	45	31	50			43	<20
Lead	max.	µg/l	0.4	1.0	0.5	1.8	0.5	0.4	0.8	<0.50
Manganese	max.	µg/l	7.2	3.3	3.5	2.3	2.0	1.7	3	<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	1.8	1.3	1.4	1.0	0.2	1.3	<5.0
Silver	max.	µg/l	1.5	0.27		0.21			0.7	<0.50
Zinc	max.	µg/l	71	70	81	73	76	61	72	<20
Cyanide	max.	µg/l	<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	61	60	63	71		71	65	62
Magnesium	max.	mg/l	19	19	20	21		21	20	19
Potassium	max.	mg/l	16	16	18	15		16	16	3.7
Sodium	max.	mg/l	120	120	113	112		116	116	49
Chromium VI	max.	µg/l	0.058	0.053	0.044	0.067	0.028	0.058	0.05	3.7
THMs	max.	µg/l	23	24	16	17	21	14	19	13
SAR	max.		4.9	4.9	4.5	4.2		4.2	4.6	2.0