

**BURBANK WATER AND POWER
2011 RECYCLED WATER SAMPLING RESULTS**

			2011						6 Month Avg.	2011 Potable Avg.
			Jun	Aug	Sep	Oct	Nov	Dec		
Turbidity	avg.	NTU	0.29	0.27	0.25	0.29	0.46	0.46	0.36	0.09
pH	min.	S.U.	6.9	7.0	6.8	6.9	6.9	6.9	7.0	7.8
pH	max.	S.U.	7.3	7.3	7.2	7.2	7.2	7.2	7.4	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	595	625	634	593	590	590	572	417
Chloride	max.	mg/l	121	114	127	126	108	108	103	57
Sulfate	max.	mg/l	108	109	119	108	109	109	103	71
Fluoride	max.	mg/l	0.66	0.67	0.69	0.61	0.40	0.57	0.6	0.61
Hardness	max.	mg/l	260	250	240	240	271	230	249	247
Boron	max.	mg/l	0.41	0.35	0.29	0.36	0.36	0.31	0.35	0.16
Nitrate-N	max.	mg/l	4.8	5.4	6.8	5.2	5.3	6.4	5.6	4.9
Nitrite-N	max.	mg/l	ND	ND	ND	ND	ND	ND	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	4.8	5.4	6.8	5.2	5.3	6.4	5.6	4.9
Ammonia-N	max.	mg/l	0.7	1.0	0.2	0.9	0.5	0.9	0.7	
Phosphorus-P	max.	mg/l	1.8	4.8	5.5	1.0	1.6	1.5	3	
Phosphate (PO4)	max.	mg/l	6	15.0	17	3	5	5	8	
Alkalinity(CaCO3)	max.	mg/l	190	180	190	190	190	190	188	177
Bicarbonate(HCO3)	max.	mg/l	230	220	230	230	230	230	228	213
Conductivity	max.	umho/cm	910	920	1000	880	880	900	915	700
Aluminum	max.	µg/l	54	23	45	46	35	31	39	32
Arsenic	max.	µg/l	1.3	1.1	1.3	1.2	1.3	1.3	1.3	1.2
Cadmium	max.	µg/l	0.11	0.10	0.15	0.12	0.08	0.12	0.11	<0.50
Chromium	max.	µg/l	3.4	1.1	2.3	2.6	2.7	1.3	2.2	3.4
Cobalt	max.	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Copper	max.	µg/l	11	12	16	11	15	11	13	<2
Iron	max.	µg/l	<20	49	23	32	<20	<20	35	<20
Lead	max.	µg/l	0.3	0.6	0.3	0.3	0.3	0.4	0.4	<0.50
Manganese	max.	µg/l	1.0	1.9	1.2	5.7	0.9	1.2	2	<2
Mercury	max.	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
Nickel	max.	µg/l	<5	<5	<5	<5	<5	<5	<5	<5
Antimony	max.	µg/l		0.55					0.6	<1
Selenium	max.	µg/l	0.8	2.0	1.5	1.5	1.1	0.3	1.2	<5
Silver	max.	µg/l	0.09	0.11	0.18				0.1	<0.50
Zinc	max.	µg/l	57	62	53	58	53	74	60	<20
Cyanide	max.	µg/l		<5			<5		<5	<5
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	58	54	60	59	61	61	59	65
Magnesium	max.	mg/l	20	19	22	19	20	20	20	21
Potassium	max.	mg/l	15	16	17	14	14	15	15	4
Sodium	max.	mg/l	88	93	120	89	87	88	94	43
Silica	max.	mg/l	22	22	24	23	23	25	23	
Chromium VI	max.	µg/l	0.057	0.08	0	0.055	0.064	0.045	0.05	3
Vanadium	max.	µg/l	<3	<3	<3	<3	<3	<3	<3	5.5
THMs	max.	µg/l	10	10	14	9	10	6	10	15
SAR	max.		3.6	3.9	4.8	3.6	3.5	3.5	3.8	1.7