

**BURBANK WATER AND POWER
2016/17 RECYCLED WATER SAMPLING RESULTS**

			2017						6 Month Avg.	2017 Potable
			Mar	Apr	May	Jun	Jul	Aug		
Turbidity	avg.	NTU	0.66	0.45	0.50	0.22	0.18	0.19	0.37	0.064
pH	min.	S.U.	7.0	7.0	7.3	7.0	7.0	7.2	7.1	8.2
pH	max.	S.U.	7.5	7.5	7.8	7.9	7.6	7.7	7.7	8.3
TSS	avg.	mg/l	0.4	0.4	0.8	1	1.3	0.7	<1	
BOD	avg.	mg/l	<3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	580	600	690	630	570	560	605	460
Chloride	max.	mg/l	130	130	130	120	130	120	127	64
Sulfate	max.	mg/l	120	120	130	130	130	110	123	83
Fluoride	max.	mg/l	0.58	0.66	0.61	0.60	0.74	0.64	0.64	0.53
Hardness	max.	mg/l	263	240	316	276	242	247	264	253
Boron	max.	mg/l	0.32	0.40	0.42	0.80	0.36	0.36	0.44	0.12
Nitrate-N	max.	mg/l	7.1	7.5	6.4	6.9	5.2	5.7	6.5	4.8
Nitrite-N	max.	mg/l	0.23	0.00	0.00	0.00	0.12	0.22	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	7.3	7.5	6.4	6.9	5.3	5.9	6.6	4.8
Ammonia-N	max.	mg/l	0.8	0.5	1.6	0.9	1.7	1.4	1.1	
Phosphorus-P	max.	mg/l	2.5	5.2	2.7	2.1	1.8	0.3	2.4	
Phosphate (PO4)	max.	mg/l	8	16	8	6.4	5.4	0.8	7.5	1.2
Alkalinity(CaCO3)	max.	mg/l	230	210	210	220	220	210	217	190
Bicarbonate(HCO3)	max.	mg/l	280	250	260	270	270	250	263	230
Conductivity	max.	umho/cm	1100	1000	1000	1000	960	1000	1010	745
Aluminum	max.	µg/l	7	9	8	8.2	8.0	11.0	ND	26
Arsenic	max.	µg/l	1.5	1.2	1.2	1.1	0.8	0.8	1.1	1.2
Cadmium	max.	µg/l	0.14	0.12	0.13	0.15	0.11	0.11	0.13	<0.50
Chromium	max.	µg/l						3.2	3.2	2.5
Cobalt	max.	µg/l	0.29	0.28	0.19	0.24	0.23	0.23	<0.2	<2
Copper	max.	µg/l	15	12	11	22	10	8.7	13	<2
Iron	max.	µg/l	41	45	21	31	20	47	34	<20
Lead	max.	µg/l	0.91	0.59	0.38	3.3	0.70	0.73	1.1	<0.50
Mercury	max.	µg/l						0.0004	<0.2	<0.20
Nickel	max.	µg/l	2.6	2.1	1.5	1.7	1.6	2.4	<5	<5
Selenium	max.	µg/l			1.5	2	1.4	0.7	1	<5
Zinc	max.	µg/l	92	52	61	74	65	57	67	<20
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	63	58	62	71	65	62	63	66
Magnesium	max.	mg/l	21	21	21	22	20	19	21	20
Potassium	max.	mg/l	16	19	20	20	19	17	19	4.4
Sodium	max.	mg/l	66	100	110	100	99	93	95	51
Silica	max.	mg/l	22	22	22	24	21	22	22	
Chromium VI	max.	µg/l						0.17	0.17	2.9
Vanadium	max.	µg/l	2.5	2	1.9	1.9	1.7	1.3	<3	3.1
THMs	max.	µg/l	13	16	9	18	ND	2.7	12	9.2
SAR	max.		2.6	4.0	4.4	3.8	3.9	3.7	3.7	2.0