

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

			2017						6 Month Avg.	2017 Potable
			Feb	Mar	Apr	May	Jun	Jul		
Turbidity	avg.	NTU	0.56	0.66	0.45	0.50	0.22	0.18	0.43	0.064
pH	min.	S.U.	7.3	7.0	7.0	7.3	7.0	7.0	7.1	8.2
pH	max.	S.U.	7.6	7.5	7.5	7.8	8	7.6	7.7	8.3
TSS	avg.	mg/l	0.7	0.4	0.4	0.8	0.9	1.3	<1	
BOD	avg.	mg/l	<3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	660	580	600	690	630	570	622	460
Chloride	max.	mg/l	120	130	130	130	120	130	127	64
Sulfate	max.	mg/l	110	120	120	130	130	130	123	83
Fluoride	max.	mg/l	0.58	0.58	0.66	0.61	0.6	0.7	0.63	0.53
Hardness	max.	mg/l	298	263	240	316	276	242	273	253
Boron	max.	mg/l	0.39	0.32	0.40	0.42	0.8	0.4	0.45	0.12
Nitrate-N	max.	mg/l	5.9	7.1	7.5	6.4	6.9	5.2	6.5	4.8
Nitrite-N	max.	mg/l	0.1	0.2	0.0	0.0	0.0	0.12	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	6.0	7.3	7.5	6.4	6.9	5.3	6.6	4.8
Ammonia-N	max.	mg/l	1.0	0.8	0.5	1.6	0.9	1.7	1.1	
Phosphorus-P	max.	mg/l	5.5	2.5	5.2	2.7	2.1	1.8	3.3	
Phosphate (PO4)	max.	mg/l	17	8	16	8	6.4	5.4	10.2	1.2
Alkalinity(CaCO3)	max.	mg/l	230	230	210	210	220	220	220	190
Bicarbonate(HCO3)	max.	mg/l	280	280	250	260	270	270	268	230
Conductivity	max.	umho/cm	1100	1100	1000	1000	1000	960	1027	745
Aluminum	max.	µg/l	9	7	9	8	8.2	8.0	ND	26
Arsenic	max.	µg/l	1.1	1.5	1.2	1.2	1.1	0.8	1.2	1.2
Cadmium	max.	µg/l	0.2	0.1	0.1	0.1	0.2	0.1	0.15	<0.50
Chromium	max.	µg/l	0.9						0.9	2.5
Cobalt	max.	µg/l	0.38	0.29	0.28	0.19	0.24	0.23	<0.2	<2
Copper	max.	µg/l	14	15	12	11	22	9.9	14	<2
Iron	max.	µg/l	42	41	45	21	31	20	33	<20
Lead	max.	µg/l	1.3	0.9	0.6	0.4	3.3	0.7	1.2	<0.50
Mercury	max.	µg/l	0.0013						<0.2	<0.20
Nickel	max.	µg/l	2.6	2.6	2.1	1.5	1.7	1.6	<5	<5
Selenium	max.	µg/l	1.7			1.5	1.8	1.4	2	<5
Zinc	max.	µg/l	100	92	52	61	74	65	74	<20
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	63	63	58	62	71	65	64	66
Magnesium	max.	mg/l	22	21	21	21	22	20	21	20
Potassium	max.	mg/l	19	16	19	20	20	19	19	4.4
Sodium	max.	mg/l	98	66	100	110	100	99	96	51
Silica	max.	mg/l	22	22	22	22	24	21	22	
Chromium VI	max.	µg/l	0.082						0.08	2.9
Vanadium	max.	µg/l	1.5	2.5	2	1.9	1.9	1.7	<3	3.1
THMs	max.	µg/l	22	13	16	9	18	ND	16	9.2
SAR	max.		3.8	2.6	4.0	4.4	3.8	3.9	3.7	2.0