

**BURBANK WATER AND POWER
2017 RECYCLED WATER SAMPLING RESULTS**

			2017						6 Month Avg.	2017 Potable
			Jun	Jul	Aug	Sep	Oct	Nov		
Turbidity	avg.	NTU	0.22	0.22	0.18	0.19	0.31	0.18	0.22	0.064
pH	min.	S.U.	7.0	7.0	7.0	7.2	7.4	7.4	7.2	8.2
pH	max.	S.U.	7.9	7.9	7.6	7.7	7.6	7.6	7.7	8.3
TSS	avg.	mg/l	0.9	0.9	1.3	0.7	0.7	0.7	<1	
BOD	avg.	mg/l	<3	<3	<3	3.7	<3	<3	<3	
TDS	max.	mg/l	630	630	570	560	590	660	607	460
Chloride	max.	mg/l	120	120	130	120	130	120	123	64
Sulfate	max.	mg/l	130	130	130	110	120	110	122	83
Fluoride	max.	mg/l	0.60	0.60	0.74	0.64	0.72	0.70	0.67	0.53
Hardness	max.	mg/l	276	276	242	247	231	255	255	253
Boron	max.	mg/l	0.80	0.80	0.36	0.36	0.36	0.36	0.51	0.12
Nitrate-N	max.	mg/l	6.9	6.9	5.2	5.7	6.7	6.0	6.2	4.8
Nitrite-N	max.	mg/l	0.0	0.00	0.12	0.22	0.51	0.17	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	6.9	6.9	5.3	5.9	7.2	7.6	6.6	4.8
Ammonia-N	max.	mg/l	0.9	0.9	1.7	1.4	2.1	1.8	1.5	
Phosphorus-P	max.	mg/l	2.1	2.1	1.8	0.3	1.7	2.9	1.8	
Phosphate (PO4)	max.	mg/l	6	6.4	5.4	0.8	5.2	8.8	5.5	1.2
Alkalinity(CaCO3)	max.	mg/l	220	220	220	210	220	220	218	190
Bicarbonate(HCO3)	max.	mg/l	270	270	270	250	270	270	267	230
Conductivity	max.	umho/cm	1000	1000	960	1000	1000	1000	993	745
Aluminum	max.	µg/l	8	8.2	8.0	11	7	7	ND	26
Arsenic	max.	µg/l	1.1	1.1	0.8	0.8	0.9	1.0	1.0	1.2
Cadmium	max.	µg/l	0.2	0.15	0.11	0.11	0.17	0.11	0.13	<0.50
Chromium	max.	µg/l				3.2		1.4	2.3	2.5
Cobalt	max.	µg/l	0.24	0.24	0.23	0.23	0.30	0.20	<0.2	<2
Copper	max.	µg/l	22	22	10	8.7	11.0	9.7	14	<2
Iron	max.	µg/l	31	31	20	47	52	51	39	<20
Lead	max.	µg/l	3.3	3.30	0.70	0.73	0.63	0.61	1.5	<0.50
Mercury	max.	µg/l				0.0004		0.0010	<0.2	<0.20
Nickel	max.	µg/l	1.7	1.7	1.6	2.4	1.6	1.5	<5	<5
Selenium	max.	µg/l	1.8	1.8	1.4	0.7	1.5	0.2	1	<5
Zinc	max.	µg/l	74	74	65	57	80	72	70	<20
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	71	71	65	62	66	68	67	66
Magnesium	max.	mg/l	22	22	20	19	20	20	20	20
Potassium	max.	mg/l	20	20	19	17	17	18	19	4.4
Sodium	max.	mg/l	100	100	99	93	96	88	96	51
Silica	max.	mg/l	24	24	21	22	22	23	23	
Chromium VI	max.	µg/l				0.17		0.52	0.35	2.9
Vanadium	max.	µg/l	1.9	1.9	1.7	1.3	1.4	1.3	<3	3.1
THMs	max.	µg/l	18	18	ND	2.7	11.7	6.3	11	9.2
SAR	max.		3.8	3.8	3.9	3.7	3.8	3.4	3.7	2.0