

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

			2016			2017			6 Month Avg.	2016 Potable
			Oct	Nov	Dec	Jan	Feb	Mar		
Turbidity	avg.	NTU	0.33	0.32	0.37	0.67	0.56	0.66	0.48	0.064
pH	min.	S.U.	7.1	6.9	7.1	7.4	7.3	7.0	7.1	8.2
pH	max.	S.U.	7.6	7.8	7.7	7.6	7.6	7.5	7.6	8.3
TSS	avg.	mg/l	1.1	0.1	0.6	0.8	0.7	0.4	<1	
BOD	avg.	mg/l	3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	670	750	670	710	660	580	673	495
Chloride	max.	mg/l	140	140	120	130	120	130	130	61
Sulfate	max.	mg/l	140	160	130	130	110	120	132	93
Fluoride	max.	mg/l	0.70	0.69	0.63	0.67	0.58	0.58	0.64	0.54
Hardness	max.	mg/l	264	261	273	271	298	263	272	275
Boron	max.	mg/l	0.34	0.36	0.37	0.37	0.39	0.32	0.36	0.12
Nitrate-N	max.	mg/l	7.7	7.1	4.8	6.7	5.9	7.1	6.6	6.4
Nitrite-N	max.	mg/l	0.5	0.1	0.5	0.2	0.1	0.2	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	8.2	7.2	5.3	6.9	6.0	7.3	6.8	6.4
Ammonia-N	max.	mg/l	1.1	1.0	1.2	0.9	1.0	0.8	1.0	
Phosphorus-P	max.	mg/l	0.3	5.3	4.2	5.5	5.5	2.5	3.9	
Phosphate (PO4)	max.	mg/l	1	16	13	17	17	8	12.0	1.2
Alkalinity(CaCO3)	max.	mg/l	210	210	220	230	230	230	222	185
Bicarbonate(HCO3)	max.	mg/l	250	260	260	280	280	280	268	225
Conductivity	max.	umho/cm	1100	1100	1100	1100	1100	1100	1100	765
Aluminum	max.	µg/l	ND	ND	ND	9	9	7	ND	32
Arsenic	max.	µg/l	1.6	1.8	1.7	1.1	1.1	1.5	1.5	<1
Cadmium	max.	µg/l	0.1	0.1	0.1	0.1	0.2	0.1	0.13	<0.50
Chromium	max.	µg/l					0.9		0.9	4
Cobalt	max.	µg/l	<0.2	<0.2	<0.2	0.38	0.38	0.29	<0.2	<2
Copper	max.	µg/l	8	12	9	7	14	15	11	<2
Iron	max.	µg/l	38	38	39	42	42	41	40	<20
Lead	max.	µg/l	0.6	0.5	0.4	0.3	1.3	0.9	0.6	<0.50
Manganese	max.	µg/l					2.9		3	<2
Mercury	max.	µg/l					0.0013		<0.2	<0.20
Nickel	max.	µg/l	<5	<5	<5	2.6	2.6	2.6	<5	<5
Selenium	max.	µg/l					1.7		2	<5
Zinc	max.	µg/l	69	69	52	58	100	92	73	<20
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	71	69	65	63	63	63	66	74
Magnesium	max.	mg/l	22	23	22	22	22	21	22	22
Potassium	max.	mg/l	17	19	17	19	19	16	18	4.3
Sodium	max.	mg/l	110	110	96	98	98	66	96	54
Silica	max.	mg/l	24	24	22	22	22	22	23	
Chromium VI	max.	µg/l					0.082		0.08	4
Vanadium	max.	µg/l	3	ND	3	1.5	1.5	2.5	<3	3.1
THMs	max.	µg/l	13	33	33	14	22	13	21	12
SAR	max.		4.1	4.1	3.7	3.8	3.8	2.6	3.7	2.0