

**BURBANK WATER AND POWER
2018 RECYCLED WATER SAMPLING RESULTS**

			2018						6 Month Avg.	2018 Potable
			Jan	Feb	Mar	Apr	May	June		
Turbidity	avg.	NTU	0.26	0.27	0.32	0.70	0.43	0.20	0.36	0.064
pH	min.	S.U.	7.4	7.4	7.1	6.6	6.6	6.6	7.0	8.1
pH	max.	S.U.	7.6	7.8	7.8	7.6	7.7	7.6	7.7	8.1
TSS	avg.	mg/l	1	0.9	1.1	1.1	1.1	1.0	<1	
BOD	avg.	mg/l	<3	<3	<3	3.7	<3	5.3	<3	
TDS	max.	mg/l	600	600	570	620	620	740	625	400
Chloride	max.	mg/l	110	110	140	110	100	110	113	48
Sulfate	max.	mg/l	110	120	120	110	130	160	125	73
Fluoride	max.	mg/l	0.67	0.62	0.82	0.69	0.61	0.68	0.68	0.5
Hardness	max.	mg/l	234	264	229	276	236	268	251	268
Boron	max.	mg/l	0.34	0.33	0.34	0.34	0.30	0.35	0.33	
Nitrate-N	max.	mg/l	4.8	4.5	4.7	4.9	5.0	5.1	4.8	5.1
Nitrite-N	max.	mg/l	0.0	0.00	0.22	0.25	0.22	0.50	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	4.8	4.5	4.9	5.2	5.2	5.6	5.0	5.1
Ammonia-N	max.	mg/l	1.2	0.9	1.0	1.7	1.5	1.7	1.3	
Phosphorus-P	max.	mg/l	0.4	3.9	3.6	1.0	1.6	3.3	2.3	
Phosphate (PO4)	max.	mg/l	1	12.0	11.0	3.1	5	10	7.0	1.2
Alkalinity(CaCO3)	max.	mg/l	230	220	200	220	200	220	215	190
Bicarbonate(HCO3)	max.	mg/l	280	270	250	270	240	270	263	233
Conductivity	max.	umho/cm	990	980	910	990	930	970	962	690
Aluminum	max.	µg/l	9	7.2	6.2	8.7	9.2	7.8	ND	15
Arsenic	max.	µg/l	0.61	0.7	0.7	0.5	0.8	1.0	0.7	0.62
Cadmium	max.	µg/l	0.1	0.08	0.12	0.09	0.13	0.08	0.10	<0.50
Chromium	max.	µg/l		5			1.0		3.1	3
Cobalt	max.	µg/l	0.21	0.24	0.30	0.27	0.25	0.34	<0.2	<2
Copper	max.	µg/l	8	10	8	6.7	11	6.5	8	<2
Iron	max.	µg/l	30	26	32	25	33	24	28	<20
Lead	max.	µg/l	0.1	0.45	0.67	0.48	0.46	0.22	0.4	<0.50
Mercury	max.	µg/l		0.0007			0.0004		<0.2	<0.20
Nickel	max.	µg/l	1.6	1.5	2.3	1.7	1.6	3.1	<5	<5
Selenium	max.	µg/l	1.9	1.3	1.7	1.1	1.5	1.2	1.5	0.49
Zinc	max.	µg/l	63	49	73	55	77	50	61	<5
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	65	75	66	72	60	69	68	73
Magnesium	max.	mg/l	19	23	22	22	18	21	21	21
Potassium	max.	mg/l	18	20	20	20	18	20	19	4.7
Sodium	max.	mg/l	84	92	100	98	87	89	92	40
Silica	max.	mg/l	23	25	22	23	22	22	23	
Chromium VI	max.	µg/l		0			0.08		0.14	2.9
Vanadium	max.	µg/l	1.5	1.0	1.1	1.6	2.4	1.9	<3	3.1
THMs	max.	µg/l	12	8	2	7.7	7.4	4.6	7	15
SAR	max.		3.3	3.4	3.8	3.7	3.6	3.4	3.5	1.5