

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

			2015		2016				6 Month Avg.	2016 Potable
			Nov	Dec	Jan	Feb	Mar	Apr		
Turbidity	avg.	NTU	0.24	0.26	0.24	0.24	0.23	0.25	0.24	0.064
pH	min.	S.U.	7.4	7.3	7.3	7.4	7.3	6.9	7.3	8.2
pH	max.	S.U.	7.8	7.8	7.6	7.6	7.8	7.5	7.7	8.3
TSS	avg.	mg/l	<1	<1	<1	<1	<1	<1	<1	
BOD	avg.	mg/l	<3	<3	<3	<3	<3	<3	<3	
TDS	max.	mg/l	715	720	685	683	668	795	711	495
Chloride	max.	mg/l	133	134	135	138	132	150	137	61
Sulfate	max.	mg/l	185	176	173	155	140	197	171	93
Fluoride	max.	mg/l	0.54	0.72	0.71	0.72	0.72	0.71	0.69	0.54
Hardness	max.	mg/l	328	324	340	324	276	254	308	275
Boron	max.	mg/l	0.33	0.30	0.35	0.62	0.39	0.36	0.39	0.12
Nitrate-N	max.	mg/l	7.0	6.2	6.3	6.4	6.5	6.8	6.5	6.4
Nitrite-N	max.	mg/l	0.3	0.2	0.8	0.8	0.8	0.7	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	7.2	6.4	7.1	7.2	7.3	7.5	7.1	6.4
Ammonia-N	max.	mg/l	1.1	1.3	0.8	0.6	1.0	0.9	1.0	
Phosphorus-P	max.	mg/l	1.6	1.4	5.3	6.3	4.3	1.8	3.5	
Phosphate (PO4)	max.	mg/l	5	4	16	19	13	6	10.5	1.2
Alkalinity(CaCO3)	max.	mg/l	230	220	210	190	190	180	203	185
Bicarbonate(HCO3)	max.	mg/l	280	270	250	240	240	210	248	225
Conductivity	max.	umho/cm	1200	1200	1100	1100	1000	750	1058	765
Aluminum	max.	µg/l	ND	ND	ND	ND	ND	ND	ND	32
Arsenic	max.	µg/l	ND	ND	1.5	ND	1.6	1.3	1.5	<1
Cadmium	max.	µg/l	0.1	0.1	0.2	0.2	0.1	0.1	0.14	<0.50
Chromium	max.	µg/l	2.9			6.9			4.9	4
Cobalt	max.	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Copper	max.	µg/l	7	9	8	10	10	9	9	<2
Iron	max.	µg/l	46	33	39	26	65	36	41	<20
Lead	max.	µg/l	0.4	0.5	0.7	0.6	<0.048	0.5	0.5	<0.50
Manganese	max.	µg/l	2.3			2.4			2	<2
Mercury	max.	µg/l	<0.2			<2			<0.2	<0.20
Nickel	max.	µg/l	<5	<5	<5	<5	<5	<5	<5	<5
Selenium	max.	µg/l	2.1			2.1			2	<5
Zinc	max.	µg/l	56	70	130	85	75	71	81	<20
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	88	85	69	76	64	71	76	74
Magnesium	max.	mg/l	29	28	24	26	20	22	25	22
Potassium	max.	mg/l	18	18	20	19	17	18	18	4.3
Sodium	max.	mg/l	110	120	120	110	100	100	110	54
Silica	max.	mg/l	25	24	24	19	20	22	22	
Chromium VI	max.	µg/l	0.19			0.2			0.20	4
Vanadium	max.	µg/l	ND	ND	ND	ND	ND	ND	<3	3.1
THMs	max.	µg/l	6	8	7	13	10		9	12
SAR	max.		3.7	4.1	4.5	3.9	4.0	3.8	4.0	2.0