

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

			2016						6 Month Avg.	2016 Potable
			Feb	Mar	Apr	May	Jun	Jul		
Turbidity	avg.	NTU	0.24	0.23	0.25	0.22	0.22	0.58	0.29	0.064
pH	min.	S.U.	7.4	7.3	6.9	6.8	6.8	7.0	7.0	8.2
pH	max.	S.U.	7.6	7.8	7.5	7.7	7.7	7.6	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	683	668	795	710	730	860	741	495
Chloride	max.	mg/l	138	132	150	140	130	130	137	61
Sulfate	max.	mg/l	155	140	197	150	140	140	154	93
Fluoride	max.	mg/l	0.72	0.72	0.71	0.71	0.69	0.66	0.70	0.54
Hardness	max.	mg/l	324	276	254	278	269	251	275	275
Boron	max.	mg/l	0.62	0.39	0.36	0.52	0.36	0.42	0.45	0.12
Nitrate-N	max.	mg/l	6.4	6.5	6.8	7.2	8.2	9.5	7.4	6.4
Nitrite-N	max.	mg/l	0.8	0.8	0.7	0.5	0.3	0.3	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	7.2	7.3	7.5	7.7	8.6	9.8	8.0	6.4
Ammonia-N	max.	mg/l	0.6	1.0	0.9	0.9	0.8	0.8	0.8	
Phosphorus-P	max.	mg/l	6.3	4.3	1.8	4.7	2.6	2.9	3.8	
Phosphate (PO4)	max.	mg/l	19	13	6	14	8	9	11.4	1.2
Alkalinity(CaCO3)	max.	mg/l	190	190	180	210	220	200	198	185
Bicarbonate(HCO3)	max.	mg/l	240	240	210	250	270	250	243	225
Conductivity	max.	umho/cm	1100	1000	750	1200	1100	1100	1042	765
Aluminum	max.	µg/l	ND	ND	ND	ND	ND	ND	ND	32
Arsenic	max.	µg/l	ND	1.6	1.3	1.5	1.4	1.7	1.5	<1
Cadmium	max.	µg/l	0.2	0.1	0.1	0.2	0.1	0.1	0.14	<0.50
Chromium	max.	µg/l	6.9			4.2			5.6	4
Cobalt	max.	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2
Copper	max.	µg/l	10	10	9	14	11	8	10	<2
Iron	max.	µg/l	26	65	36	21	26	51	38	<20
Lead	max.	µg/l	0.6	<0.048	0.5	1.3	0.4	0.7	0.7	<0.50
Manganese	max.	µg/l	2.4			2.5			2	<2
Mercury	max.	µg/l	<2			<2			<0.2	<0.20
Nickel	max.	µg/l	<5	<5	<5	8.3	5.3	<5	<5	<5
Selenium	max.	µg/l	2.1			3.1			3	<5
Zinc	max.	µg/l	85	75	71	80	74	70	76	<20
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	76	64	71	72	76	70	72	74
Magnesium	max.	mg/l	26	20	22	23	23	22	23	22
Potassium	max.	mg/l	19	17	18	19	18	17	18	4.3
Sodium	max.	mg/l	110	100	100	110	110	110	107	54
Silica	max.	mg/l	19	20	22	24	27	26	23	
Chromium VI	max.	µg/l	0.2			0.093			0.15	4
Vanadium	max.	µg/l	ND	ND	ND	3.3	3.1	3	<3	3.1
THMs	max.	µg/l	13	10	12	15	13	20	14	12
SAR	max.		3.9	4.0	3.8	4.1	4.0	4.2	4.0	2.0