

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

			2015	2016					6 Month Avg.	2016 Potable
			Dec	Jan	Feb	Mar	Apr	May		
Turbidity	avg.	NTU	0.26	0.24	0.24	0.23	0.25	0.22	0.24	0.064
pH	min.	S.U.	7.3	7.3	7.4	7.3	6.9	6.8	7.2	8.2
pH	max.	S.U.	7.8	7.6	7.6	7.8	7.5	7.7	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	720	685	683	668	795	710	710	495
Chloride	max.	mg/l	134	135	138	132	150	140	138	61
Sulfate	max.	mg/l	176	173	155	140	197	150	165	93
Fluoride	max.	mg/l	0.72	0.71	0.72	0.72	0.71	0.71	0.72	0.54
Hardness	max.	mg/l	324	340	324	276	254	278	299	275
Boron	max.	mg/l	0.30	0.35	0.62	0.39	0.36	0.52	0.42	0.12
Nitrate-N	max.	mg/l	6.2	6.3	6.4	6.5	6.8	7.2	6.6	6.4
Nitrite-N	max.	mg/l	0.2	0.8	0.8	0.8	0.7	0.5	<0.1	<0.2
Nitrate+Nitrite	max.	mg/l	6.4	7.1	7.2	7.3	7.5	7.7	7.2	6.4
Ammonia-N	max.	mg/l	1.3	0.8	0.6	1.0	0.9	0.9	0.9	
Phosphorus-P	max.	mg/l	1.4	5.3	6.3	4.3	1.8	4.7	4.0	
Phosphate (PO4)	max.	mg/l	4	16	19	13	6	14	12.0	1.2
Alkalinity(CaCO3)	max.	mg/l	220	210	190	190	180	210	200	185
Bicarbonate(HCO3)	max.	mg/l	270	250	240	240	210	250	243	225
Conductivity	max.	umho/cm	1200	1100	1100	1000	750	1200	1058	765
Aluminum	max.	µg/l	ND	ND	ND	ND	ND	ND	ND	32
Arsenic	max.	µg/l	ND	1.5	ND	1.6	1.3	1.5	1.5	<1
Cadmium	max.	µg/l	0.1	0.2	0.2	0.1	0.1	0.2	0.15	<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	9	8	10	10	9	14	10	<2
Iron	max.	µg/l	33	39	26	65	36	21	37	<20
Lead	max.	µg/l	0.5	0.7	0.6	<0.048	0.5	1.3	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	<5	<5	8.3	<5	<5
Selenium	max.	µg/l			2.1			3.1	3	<5
Zinc	max.	µg/l	70	130	85	75	71	80	85	<20
Beryllium	max.	µg/l	<1	<1	<1	<1	<1	<1	<1	<1
Calcium	max.	mg/l	85	69	76	64	71	72	73	74
Magnesium	max.	mg/l	28	24	26	20	22	23	24	22
Potassium	max.	mg/l	18	20	19	17	18	19	19	4.3
Sodium	max.	mg/l	120	120	110	100	100	110	110	54
Silica	max.	mg/l	24	24	19	20	22	24	22	
Chromium VI	max.	µg/l			0.2			0.093	0.15	4
Vanadium	max.	µg/l	ND	ND	ND	ND	ND	3.3	<3	3.1
THMs	max.	µg/l	8	7	13	10	12	15	11	12
SAR	max.		4.1	4.5	3.9	4.0	3.8	4.1	4.0	2.0