



TOWN OF WINDSOR WATER QUALITY COMPARISON REPORT

If you have any questions, please feel free to contact the Public Works Department at (707) 838-1006

Primary (Health & Sanitary) Drinking Water Standards	State Drinking Water MCL and Unit Measurement		Recycled Water	Potable Water
Microbiological				
Total Coliform Bacteria	Present/Not Present		<2 MPN	<1.0
Fecal Coliform and E.coli	Present/Not Present		<2 MPN	<1.0

Note: Regulatory requirements for coliform bacteria measurements call for different analysis methods and units of measurement for Recycled Water and Potable Water. Both Windsor's Recycled Water and Potable Water test results indicate they are consistently free of bacterial contamination.

Physical and Mineral Constituents				
Constituent	State MCL	Unit	Recycled Water	Potable Water
Turbidity	0.5-5	NTU	0.38	0.43
Aluminum	1000	ppb	50	<50
Antimony	6	ppb	<6	<6
Arsenic	50	ppb	<2	<2
Asbestos	7	mf/l	<.1	ND
Barium	1000	ppb	<100	140
Beryllium	4	ppb	<1	<1
Cadmium	5	ppb	<1	<1
Chromium	50	ppb	<1	<1
Copper	1000	ppb	<20	<50
Magnesium	NA	ppm	23	22
Fluoride	0.6-1.7	ppm	0.21	0.14
Mercury (inorganic)	2	ppb	0.0004	<1
Nickel	100	ppb	<10	<10
Nitrate (as Nitrate)	45	ppm	67	7.6
Nitrite (as Nitrogen)	1000	ppb	<400	<400
Selenium	50	ppb	<5	<5
Thallium	2	ppb	<1	<1
Lead	15	ppb	<2	<5

Secondary (Non-Health & Sanitary) Drinking Water Standards	State Drinking Water MCL and Unit Measurement		Recycled Water	Potable Water
Constituents				
Carbonate	NA	ppm	<1.0	<1.0
Color	15	Color Units	10	3
Foaming Agents (MBAS)	0.5	ppm	<0.05	<.05
Hardness	NA	ppm	180	390
Iron	300	ppb	<100	<100
Manganese	50	ppb	<20	<20
Odor*	3	TON	3.0	<1.0
Sodium	NA	ppm	100	11
Silver	100	ppb	<5	<10
Zinc	5000	ppb	58	<50
Chloride	250	ppm	84	7.9
Specific Conductance	900	umho/cm	790	360
Sulfate	250	ppm	63	16
Total Alkalinity	NA	ppm	130	150
TDS	500	ppm	460	180
pH	NA	pH	7.4	7.2
Potassium	NA	ppm	16	NA
Bicarbonate	NA	ppm	150	180
Boron	NA	ppm	0.48	0.18

* Odor detected in treated Recycled Water is derived from chlorine content.

Abbreviations:

- < = Less Than
- ppb = parts per billion
- ppm = parts per million
- MCL = Maximum Contaminant Level

- mf/l = Million fibers per liter
- MPN = Coliform Most Probable Number per 100ml
- ND = Non Detects
- NTU = Nephelometric Turbidity Unit
- TON = Threshold Odor Number
- umho/cm = Micromhos per centimeter