



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				
Turbidity	0.5-5	NTU	0.38	0.24
Aluminum	1000	ppb	50	<50
Antimony	6	ppb	0.27	6
Arsenic	50	ppb	0.52	2
Asbestos	7	mf/l	<2.2	ND
Barium	1000	ppm	59	110
Beryllium	4	ppb	ND	<1
Cadmium	5	ppb	0.044	<1
Chromium	50	ppb	ND	<1
Copper	1000	ppb	8.8	<50
Magnesium	NA	ppm	23	18
Fluoride	0.6-1.7	ppm	0.21	0.15
Mercury (inorganic)	2	ppb	ND	<1
Nickel	100	ppb	2.7	<10
Nitrate (as Nitrate)	45	ppm	4.2	5.5
Nitrite (as Nitrogen)	1000	ppb	<400	<400
Selenium	50	ppb	ND	<5
Thallium	2	ppb	ND	<1
Lead	15	ppb	ND	ND

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	5
Foaming Agents (MBAS)	0.5	ppm	<0.05	<.05
Hardness	NA	ppm	180	110
Iron	300	ppb	<100	100
Manganese	50	ppb	<20	<20
Odor*	3	TON	3.0	<1.0
Sodium	NA	ppm	52	11
Silver	100	ppb	ND	<10
Zinc	5000	ppb	30	<50
Chloride	250	ppm	57	7.5
Specific Conductance	900	umho/cm	790	250
Sulfate	250	ppm	63	12
Total Alkalinity	NA	ppm	130	110
TDS	500	ppm	340	160
pH	NA	pH	7.4	7.1
Potassium	NA	ppm	16	NA
Bicarbonate	NA	ppm	150	130
Boron	NA	ppm	0.37	NA

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