

**Westside Water Supplies: A Comparison in Water Quality**  
*(2002 Data - Maximum Amounts Detected)*

	Federal (EPA) Drinking Water Standards <i>(Maximum Contaminant Level)</i>	Joint Water Commission <i>(Tualatin River Watershed)</i>	Portland Water Bureau <i>(Bull Run Watershed)</i>	Wilsonville <i>(Willamette River)</i>
<b>Microbial Contaminants - Indicators of potential disease-causing contaminants:</b>				
Total Coliform Bacteria	less than 5% of monthly samples	Non-Detect	Detected in 0.35% of samples collected in February	Non-Detect
Fecal Coliform Bacteria	90% of samples must have 20 or fewer bacterial colonies per 100 milliliters of water	Non-Detect	100% of samples had 20 or fewer bacterial colonies per 100 milliliters of water	Non-Detect
Giardia	99.9% of activation	Non-Detect	1 sample of 126 liters of water had 12 cysts	Non-Detect
Cryptosporidium	based on treatment technique	Non-Detect	One samle of 126 liters of water had 3 oocysts	Non-Detect
<b>Inorganic Chemicals - Chemicals that occur naturally and may be in water by means of erosion and leaching mineral deposits (expressed in parts per million):</b>				
Barium	2.000 ppm	Non-Detect	Non-Detect	0.008 ppm
Fluoride	4.000 ppm	Non-Detect	Non-Detect	Non-Detect
Nitrate + Nitrite	10.000 ppm	1.000 ppm	0.050 ppm	0.300 ppm
Sodium	Unregulated	12.700 ppm	3.600 ppm	7.210 ppm
Turbidity				
<i>Filtered Systems</i>	0.50 NTU	0.070 NTU	Not Applicable	0.100 NTU
<i>Unfiltered Systems</i>	5.00 NTU	Not Applicable	2.200 NTU	Not Applicable
<i>Distribution System (Action Level = 90th Percentile of Samples)</i>				
Lead	Action Level = 0.015 ppm	0.003 ppm	0.017 ppm	0.003 ppm
Copper	Action Level = 1.300 ppm	0.200 ppm	0.500 ppm	0.260 ppm
<i>Source Waters</i>				
Lead	0.015 ppm	Non-Detect	Non-Detect	Non-Detect
Copper	1.300 ppm	Non-Detect	Non-Detect	Non-Detect
<b>Volatile Organic Contaminants - Chemical compounds such as cleaning fluids, degreasers and plastics (expressed in parts per billion):</b>				
Total Trihalomethanes	80.000 ppb	47.000 ppb	19.000 ppb	19.000 ppb
Total Haloacetic Acids	60.000 ppb	53.000 ppb	29.000 ppb	6.000 ppb
<b>Radionuclides (expressed in picocuries per liter):</b>				
Gross alpha particles	15.000 pCi/l4	1.7120 pCi/l4	Non-Detect	1.200 pCi/l4
Gross beta particles	50.000 pCi/l4	12.200 pCi/l4	Non-Detect	5.010 pCi/l4

*The above information was obtained from the State of Oregon's Department of Human Services - Drinking Water Program at [www.ohd.hr.state.or.us/dwp/index.cfm](http://www.ohd.hr.state.or.us/dwp/index.cfm).*