

## DISINFECTION CONTROL FOR PRIVATE AND MUNICIPAL SYSTEMS SERVING MORE THAN 20 PERSONS

(Source: Regulation respecting the quality of drinking water)

Distribution system's type of disinfection treatment	Frequency	Parameters analysed	Characteristics
Continuous disinfection using chlorine	Every 4 hours	<ul style="list-style-type: none"> <li>• Recording of lowest concentration of residual disinfectant (free chlorine)</li> <li>• Water flow rate</li> <li>• Turbidity (measured after each filtering stage)</li> </ul>	<ul style="list-style-type: none"> <li>• Concentration of free residual chlorine of at least 0.3 mg/L must be measured continuously</li> <li>• Check disinfection effectiveness in terms of the percentage of removal of parasites and viruses.</li> <li>• After filtration, turbidity must be less than or equal to 0.5 NTU</li> </ul>
	Daily	<ul style="list-style-type: none"> <li>• pH</li> <li>• Water temperature</li> </ul>	<ul style="list-style-type: none"> <li>• pH of treated water must be between 6.5 and 8.5</li> </ul>