

Table 1. British Columbia Ministry of Environment water quality guidelines for drinking water sources.

Parameter <sup>1</sup>	MAC <sup>2</sup>	AO <sup>3</sup>	Guideline Source
Aluminum	N/A	0.2 mg/L	<a href="#">ENV 1988</a>
Arsenic	10 µg/L	N/A	<a href="#">Health Canada 2006</a>
Benzene	5.0 µg/L	N/A	<a href="#">ENV 2007</a>
Boron	5.0 mg/L	N/A	<a href="#">ENV 2003</a>
Chlorate	2.4 mg/L	N/A	<a href="#">ENV 2002</a>
Chloride	N/A	250 mg/L	<a href="#">ENV 2002</a>
<b>Chlorophenols:</b>			
<i>Monochlorophenol</i>	N/A	0.1 µg/L	<a href="#">ENV 1996</a>
<i>2,4-dichlorophenol</i>	900 µg/L	N/A	<a href="#">ENV 1996</a>
<i>Total Dichlorophenols</i>	N/A	0.3 µg/L	<a href="#">ENV 1996</a>
<i>2,4,6-trichlorophenol</i>	5.0 µg/L	N/A	<a href="#">ENV 1996</a>
<i>Total Trichlorophenols</i>	N/A	2.0 µg/L	<a href="#">ENV 1996</a>
<i>2,3,4,6-tetrachlorophenol</i>	100 µg/L	N/A	<a href="#">ENV 1996</a>
<i>Total Tetrachlorophenols</i>	N/A	1.0 µg/L	<a href="#">ENV 1996</a>
<i>Pentachlorophenol</i>	60 µg/L	30 µg/L	<a href="#">ENV 1996</a>
Colour, True	N/A	15 (TCU)	<a href="#">ENV 1997</a>
Copper	N/A	0.5 mg/L	<a href="#">ENV 1987</a>
Cyanide	0.2 mg/L	N/A	<a href="#">ENV 1986</a>
Diisopropanolamine (DIPA)	21 mg/L	N/A	<a href="#">ENV 2003</a>
Ethylbenzene	N/A	2.4 µg/L	<a href="#">ENV 1999</a>
Fluoride	1.5 mg/L	N/A	<a href="#">ENV 1990</a>
Lead	0.01 mg/L	N/A	<a href="#">Health Canada 1992</a>
Mercury	1.0 µg/L	N/A	<a href="#">ENV 1989</a>
Methyl Tertiary-Butyl Ether (MTBE)	N/A	0.02 mg/L	<a href="#">ENV 2001</a>
<b>Microbial Indicators:</b>			
<i>Fecal coliforms</i>	See Table 1 in ENV 1988	N/A	<a href="#">ENV 1988</a>
<i>Escherichia coli</i>	See Table 1 in ENV 1988	N/A	<a href="#">ENV 1988</a>
<i>Enterococci</i>	See Table 1 in ENV 1988	N/A	<a href="#">ENV 1988</a>

<sup>1</sup> Metal guidelines are based on **total** concentrations

<sup>2</sup> Maximum acceptable concentration

<sup>3</sup> Aesthetic objective

Parameter <sup>1</sup>	MAC <sup>2</sup>	AO <sup>3</sup>	Guideline Source
Molybdenum	0.25 mg/L	N/A	<a href="#">ENV 1986</a>
Nitrate	45 (nitrate) mg/L 10 (nitrate-N) mg/L	N/A	<a href="#">ENV 1986</a>
Nitrite	3.0 (nitrite) mg/L 1.0 (nitrite-N) mg/L	N/A	<a href="#">ENV 1986</a>
Organic Carbon, Total	4.0 mg/L	N/A	<a href="#">ENV 1998</a>
Phosphorus, Total	N/A	0.01 mg/L (lakes)	<a href="#">ENV 1985</a>
pH	6.5 – 8.5 mg/L	N/A	<a href="#">ENV 1991</a>
Polycyclic Aromatic Hydrocarbon (benzo[a]pyrene)	0.01 µg/L	N/A	<a href="#">ENV 1993</a>
Selenium	0.01 mg/L	N/A	<a href="#">ENV 2014</a>
Sulfolane	0.27 mg/L	N/A	<a href="#">ENV 2003</a>
Sulphate	N/A	500 mg/L	<a href="#">ENV 2013</a>
Temperature	N/A	15°C	<a href="#">ENV 2001</a>
Toluene	N/A	0.024 mg/L	<a href="#">ENV 2007</a>
Turbidity	See Table 2 below	N/A	<a href="#">ENV 1997</a>
Zinc	N/A	5.0 mg/L	<a href="#">ENV 1999</a>

Table 2. British Columbia Ministry of Environment drinking water quality guidelines for turbidity.

Background Turbidity	Guideline
Source water with exceptional clarity, natural background levels ≤ 5 NTU	Induced turbidity should not exceed 1 NTU at any time
Natural background turbidity is > 5 and < 50 NTU	Induced turbidity should not exceed 5 NTU at any time
Natural background turbidity is > 50 NTU	Induced turbidity should not exceed 10 % of background