

**0.12 mg Fluoride per liter of water
for Aquatic Species
Canadian Water Quality Guideline (CWQG)
for Fluoride (in Source Water)**

These Guidelines Are Not Enforced:

Source Water Fluoride levels - up to double the CWQG*

Treated Sewage effluent Fluoride levels - 5-10 times the CWQG*

**Salmon & Caddisfly larvae are killed
at fluoride levels of 0.25mg/L
fluorides.***

**Water flea (Daphnia magna) are killed
at fluoride levels of 0.1mg/L.***



**1.5 mg Fluoride per liter of water for Humans
Canadian Maximum Acceptable Contaminant (MAC)
Guideline for Fluoride (in Drinking Water)**



We have an epidemic of dental fluorosis in North America. (41% of 12-15 year old children in USA)**

“Acute fluoride poisonings have occurred at doses of 0.1 to 0.8 mgF/kg of body weight in the USA.”***

Clearly these government guidelines are not protective of human health.

*Petition #221 to the Auditor General of Canada: http://www.oag-bvg.gc.ca/internet/English/pet_lp_e_938.html

*Camargo JA. Fluoride toxicity to aquatic organisms: a review. Chemosphere. 2003 Jan;50(3):251-64.

*Damkaer, D.M., Dey, D.B., 1989. Evidence for fluoride effects on salmon passage at John Day dam, Columbia river, 1982-1986. N. Am. J. Fish. Manag. 9, 154-162.

*Dave, G., 1984. Effects of fluoride on growth, reproduction and survival in Daphnia magna. Comp. Biochem. Physiol. 78C, 425-431.

**NCHS Data Brief No.53 Nov 2010 Prevalence and Severity of Dental Fluorosis in the US 1999-2004.

***Akiniwa K. Re-examination of acute toxicity of fluoride. Fluoride 1997;30(2):89-104. Available from:

<http://www.fluoride-journal.com/97-30-2/302-89.htm>