

Users are advised to consult the Canadian Environmental Quality Guidelines introductory text, factsheet, and/or protocols for specific information and implementation guidance pertaining to each environmental quality guideline.

## Temperature

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**Parameter 1:** PHYSICAL

**Parameter 2:** Temperature

### Water Quality for the Protection of Aquatic Life

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Further documentation on these guidelines can be found in the Canadian Environment Quality Guidelines.

[Download  
Factsheet](#)

#### Freshwater

Concentration ( $\mu\text{g/L}$ )

Narrative

For more information, see CCREM 1987

**Thermal Stratification:** Thermal additions to receiving waters should be such that thermal stratification and subsequent turnover dates are not altered from those existing prior to the addition of heat from artificial origins

**Maximum Weekly Average Temperature:** Thermal additions to receiving waters should be such that the maximum weekly average temperature is not exceeded

**Short-term Exposure to Extreme Temperature:** Thermal additions to receiving waters should be such that the short-term exposures to maximum temperatures are not exceeded. Exposures should not be so lengthy or frequent as to adversely affect the important species.

Date

1987

#### Marine

Concentration ( $\mu\text{g/L}$ )

Narrative

Human activities should not cause changes in ambient temperature of marine and estuarine water to exceed  $\pm 1^\circ\text{C}$  at any time, location, or depth. The natural temperature cycle characteristic of the site should not be altered in amplitude of frequency by human activities. The maximum rate of any human-induced temperature change should not exceed  $0.5^\circ\text{C}$  per hour.

Note:  
Interim guideline.

Date

1996

## Water Quality for the Protection of Agriculture

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### Irrigation

Concentration ( $\mu\text{g/L}$ )	<i>No data</i>
Date	<i>No data</i>

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### Livestock

Concentration ( $\mu\text{g/L}$ )	<i>No data</i>
Date	<i>No data</i>

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## Sediment Quality for the Protection of Aquatic Life

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### Freshwater

Concentration ( $\mu\text{g/kg}$ dry weight) - ISQG	<i>No data</i>
Concentration ( $\mu\text{g/kg}$ dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>

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### Marine

Concentration ( $\mu\text{g/kg}$ dry weight) - ISQG	<i>No data</i>
Concentration ( $\mu\text{g/kg}$ dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>

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## Soil Quality for the Protection of Environmental and Human Health

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Concentration ( $\text{mg/kg}$ dry weight) - Agricultural	<i>No data</i>
Concentration ( $\text{mg/kg}$ dry weight) - Residential / parkland	<i>No data</i>
Concentration ( $\text{mg/kg}$ dry weight) - Commercial	<i>No data</i>
Concentration ( $\text{mg/kg}$ dry weight) - Industrial	<i>No data</i>
Date	<i>No data</i>

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## Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota

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Concentration ( $\mu\text{g/kg}$ diet wet weight)	<i>No data</i>
Date	<i>No data</i>

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