

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.

pH

Parameter 1: INORGANIC

Parameter 2: Acidity, alkalinity and pH

Water Quality for the Protection of Aquatic Life

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

[Download Factsheet](#)

Freshwater

Concentration (µg/L) 6.5 to 9.0

No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).

Date 1987

Marine

Concentration (µg/L) 7.0 to 8.7 &
Narrative

The pH of marine and estuarine waters should fall within the range of 7.0 – 8.7 units unless it can be demonstrated that such a pH is a result of natural processes. Within this range, pH should not vary by more than 0.2 pH units from the natural pH expected at that time. Where pH is naturally outside this range, human activities should not cause pH to change by more than 0.2 pH units from the natural pH expected at that time, and any change should tend towards the recommended range.

Date 1996

Water Quality for the Protection of Agriculture

Irrigation

Concentration (µg/L) No data

Date No data

Livestock

Concentration (µg/L) No data

Date No data

Sediment Quality for the Protection of Aquatic Life

Freshwater

Concentration (µg/kg dry weight) - ISQG	<i>No data</i>
Concentration (µg/kg dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>

Marine

Concentration (µg/kg dry weight) - ISQG	<i>No data</i>
Concentration (µg/kg dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>

Soil Quality for the Protection of Environmental and Human Health

Concentration (mg/kg dry weight) - Agricultural	6 to 8
Concentration (mg/kg dry weight) - Residential / parkland	6 to 8
Concentration (mg/kg dry weight) - Commercial	6 to 8
Concentration (mg/kg dry weight) - Industrial	6 to 8
Date	1991

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

Concentration (µg/kg diet wet weight)	<i>No data</i>
Date	<i>No data</i>