

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.

Nutrients

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

Short Term Concentration (µg/L)

No data

Long Term Concentration (µg/L)

Guidance
Framework

Canadian Guidance Framework for Phosphorus is for developing phosphorus guidelines (does not provide guidance on other freshwater nutrients). It provides Trigger Ranges for Total Phosphorus (µg/L) (see Guidance Framework for Phosphorus factsheet):

ultra-oligotrophic

oligotrophic 4-10

mesotrophic 10-20

meso-eutrophic 20-35

eutrophic 35-100

hyper-eutrophic >100

Date

2004

Marine

Short Term Concentration (µg/L)

No data

Long Term Concentration (µg/L)

Guidance framework

Supporting documents are available from the Canadian Council of Ministers of the Environment at

http://www.ccme.ca/publications/ceqg_rcqe.html?category_id=125

The Canadian Guidance Framework for the Management of Nearshore Marine Systems is for developing nutrient (phosphorus and nitrogen) guidelines for nearshore marine systems. Refer to factsheet for details.

Date

2007

Water Quality for the Protection of Agriculture

Irrigation

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

Livestock

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

Sediment Quality for the Protection of Aquatic Life

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>

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>

Soil Quality for the Protection of Environmental and Human Health

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

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

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