

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.

## Arsenic

**CASRN:** none

**Parameter 1:** INORGANIC

**Parameter 3:** Metals

### Water Quality for the Protection of Aquatic Life

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

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#### Freshwater

Concentration (µg/L) 5

The technical document for the guideline is available from the Ontario Ministry of the Environment.

Substance has been re-evaluated since CCREM 1987 + Appendixes. Either a new guideline has been derived or insufficient data existed to derive a new guideline.

Date 1997

#### Marine

Concentration (µg/L) 12.5

Interim guideline.

The technical document for the guideline is available from the Ontario Ministry of the Environment.

Date 1997

### Water Quality for the Protection of Agriculture

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

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#### Irrigation

Concentration (µg/L) 100

The technical document for this guideline is available from the Ontario Ministry of the Environment.

Interim guideline

Interim guideline.				
Date	1997			
Livestock				
Concentration (µg/L)	25			
The technical document for this guideline is available from the Ontario Ministry of the Environment.				
Interim guideline.				
Date	1997			
Sediment Quality for the Protection of Aquatic Life				
Further documentation on these guidelines can be found in the Canadian Environment Quality Guidelines.			<a href="#">Download Factsheet</a>	
Freshwater				
Concentration (µg/kg dry weight) - ISQG			5900	
Guideline	% ≤ ISQG	ISQG < % < PEL		ISQG % ≥ PEL
Arsenic	5	25	12	
Concentration (µg/kg dry weight) - PEL			17 000	
Guideline	% ≤ ISQG	ISQG < % < PEL		ISQG % ≥ PEL
Arsenic	5	25	12	
Date	1998			
Marine				
Concentration (µg/kg dry weight) - ISQG			7240	
Guideline	% ≤ ISQG	ISQG < % < PEL		ISQG % ≥ PEL
Arsenic	3	13	47	
Concentration (µg/kg dry weight) - PEL			41 600	
Guideline	% ≤ ISQG	ISQG < % < PEL		ISQG % ≥ PEL
Arsenic	3	13	47	
Date	1998			
Soil Quality for the Protection of Environmental and Human Health				
Further documentation on these guidelines can be found in the Canadian Environment Quality Guidelines.			<a href="#">Download Factsheet</a>	
Concentration (mg/kg dry weight) - Agricultural			12	
Data are sufficient and adequate to calculate a Soil Quality Guideline for Human Health (SQGHH) and a Soil Quality Guideline for Environmental health (SQGE). Therefore the soil quality guideline is the lower of the two and represents a fully integrated de novo guideline for this land use, derived in accordance with the soil protocol (CCME 1996;2006). The corresponding interim soil quality criterion (CCME 1991) is superseded by the soil quality guideline.				
For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.				
Concentration (mg/kg dry weight) - Residential / roadload			12	

Concentration (mg/kg dry weight) - Residential / parkland	12
<p>Data are sufficient and adequate to calculate a Soil Quality Guideline for Human Health (SQGHH) and a Soil Quality Guideline for Environmental health (SQGE). Therefore the soil quality guideline is the lower of the two and represents a fully integrated de novo guideline for this land use, derived in accordance with the soil protocol (CCME 1996;2006). The corresponding interim soil quality criterion (CCME 1991) is superseded by the soil quality guideline.</p> <p>For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.</p>	
Concentration (mg/kg dry weight) - Commercial	12
<p>Data are sufficient and adequate to calculate a Soil Quality Guideline for Human Health (SQGHH) and a Soil Quality Guideline for Environmental health (SQGE). Therefore the soil quality guideline is the lower of the two and represents a fully integrated de novo guideline for this land use, derived in accordance with the soil protocol (CCME 1996;2006). The corresponding interim soil quality criterion (CCME 1991) is superseded by the soil quality guideline.</p> <p>For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.</p>	
Concentration (mg/kg dry weight) - Industrial	12
<p>Data are sufficient and adequate to calculate a Soil Quality Guideline for Human Health (SQGHH) and a Soil Quality Guideline for Environmental health (SQGE). Therefore the soil quality guideline is the lower of the two and represents a fully integrated de novo guideline for this land use, derived in accordance with the soil protocol (CCME 1996;2006). The corresponding interim soil quality criterion (CCME 1991) is superseded by the soil quality guideline.</p> <p>For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.</p>	
Date	1997
Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota	
Concentration (µg/kg diet wet weight)	No data
Date	No data