

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.

[Download  
Factsheet](#)

#### 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.

[Download  
Factsheet](#)

#### 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
<b>Livestock</b>	
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. [Download Factsheet](#)

**Freshwater**

Concentration (µg/kg dry weight) - ISQG					5900
<b>Guideline</b>	<b>% ≤ ISQG</b>	<b>ISQG &lt; % &lt; PEL</b>	<b>ISQG % ≥ PEL</b>		
<b>Arsenic</b>	5	25	12		
Concentration (µg/kg dry weight) - PEL					17 000
<b>Guideline</b>	<b>% ≤ ISQG</b>	<b>ISQG &lt; % &lt; PEL</b>	<b>ISQG % ≥ PEL</b>		
<b>Arsenic</b>	5	25	12		
Date				1998	

**Marine**

Concentration (µg/kg dry weight) - ISQG					7240
<b>Guideline</b>	<b>% ≤ ISQG</b>	<b>ISQG &lt; % &lt; PEL</b>	<b>ISQG % ≥ PEL</b>		
<b>Arsenic</b>	3	13	47		
Concentration (µg/kg dry weight) - PEL					41 600
<b>Guideline</b>	<b>% ≤ ISQG</b>	<b>ISQG &lt; % &lt; PEL</b>	<b>ISQG % ≥ PEL</b>		
<b>Arsenic</b>	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. [Download Factsheet](#)

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 / parkland		10

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
<b>Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota</b>	
Concentration (µg/kg diet wet weight)	<i>No data</i>
Date	<i>No data</i>