

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.

## Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane

**Synonyms and/or acronyms:** DDT (total)

**Parameter 1:** ORGANIC

**Parameter 2:** Pesticides

**Parameter 3:** Organochlorine compounds

### Water Quality for the Protection of Aquatic Life

#### Freshwater

Concentration (µg/L)

0.004

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

This guideline (originally published in Canadian Water Quality Guidelines [CCREM 1987 + Appendixes] in 1987 or 1991 [PCBs in marine waters]) is no longer recommended and the value is withdrawn. A water quality guideline is not recommended. Environmental exposure is predominantly via sediment, soil, and/or tissue, therefore, the reader is referred to the respective guidelines for these media.

This substance meets the criteria for track 1 substances under the national CCME Policy for the Management of Toxic Substances (PMTS) (i.e., persistent, bioaccumulative, primarily the result of human activity, and CEPA-toxic or equivalent), and should be subject to virtual elimination strategies. Guidelines can serve as action levels or interim management objectives towards virtual elimination.

Date

1987

#### Marine

Concentration (µg/L)

No data

Date

No data

### Water Quality for the Protection of Agriculture

#### Irrigation

Concentration (µg/L)

No data

Date

No data

#### Livestock

Concentration (µg/L)	30
<p>No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).</p> <p>This guideline (originally published in Canadian Water Quality Guidelines [CCREM 1987]) is no longer recommended and the value is withdrawn. A water quality guideline is not recommended. Environmental exposure is predominantly via sediment, soil, and/or tissue, therefore, the reader is referred to the respective guidelines for these media.</p> <p>This substance meets the criteria for Track 1 substances under the national CCME Policy for the Management of Toxic Substances (PMTS) (i.e., persistent, bioaccumulative, primarily result of human activity, and CEPA-toxic or equivalent) and should be subject to virtual elimination strategies. Guidelines can serve as action levels or interim management objectives towards virtual elimination.</p>	
Date	1987
Sediment Quality for the Protection of Aquatic Life	
<b>Freshwater</b>	
Concentration (µg/kg dry weight) - ISQG	No data
Concentration (µg/kg dry weight) - PEL	No data
Date	No data
<b>Marine</b>	
Concentration (µg/kg dry weight) - ISQG	No data
Concentration (µg/kg dry weight) - PEL	No data
Date	No data
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</a> <a href="#">Factsheet</a>
Concentration (mg/kg dry weight) - Agricultural	0.7
<p>Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental health (SQG<sub>E</sub>). An interim soil quality criterion (CCME 1991) was not established for this land use, therefore the SQG<sub>E</sub> becomes the soil quality guideline.</p> <p>For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.</p> <p>The term total DDT refers to the sum of the concentrations of p,p'-DDT, o,p'-DDT, p,p'-DDE, o,p'-DDE, p,p'-DDD, and o,p'-DDD.</p>	
Concentration (mg/kg dry weight) - Residential / parkland	0.7
<p>Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental health (SQG<sub>E</sub>). An interim soil quality criterion (CCME 1991) was not established for this land use, therefore the SQG<sub>E</sub> becomes the soil quality guideline.</p> <p>For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.</p>	

applicable.	
The term total DDT refers to the sum of the concentrations of p,p'-DDT, o,p'-DDT, p,p'-DDE, o,p'-DDE, p,p'-DDD, and o,p'-DDD.	
Concentration (mg/kg dry weight) - Commercial	12
Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental health (SQG <sub>E</sub> ). An interim soil quality criterion (CCME 1991) was not established for this land use, therefore the SQG <sub>E</sub> becomes the soil quality guideline.	
For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.	
The term total DDT refers to the sum of the concentrations of p,p'-DDT, o,p'-DDT, p,p'-DDE, o,p'-DDE, p,p'-DDD, and o,p'-DDD.	
Concentration (mg/kg dry weight) - Industrial	12
Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental health (SQG <sub>E</sub> ). An interim soil quality criterion (CCME 1991) was not established for this land use, therefore the SQG <sub>E</sub> becomes the soil quality guideline.	
For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.	
The term total DDT refers to the sum of the concentrations of p,p'-DDT, o,p'-DDT, p,p'-DDE, o,p'-DDE, p,p'-DDD, and o,p'-DDD.	
Date	1999
<b>Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota</b>	
Further documentation on these guidelines can be found in the Canadian Environment Quality Guidelines.	<a href="#">Download Factsheet</a>
Concentration (µg/kg diet wet weight)	14
The tissue residue guideline is for total DDT, which is equal to DDD + DDE + DDT.	
Supporting documents are available from the Guidelines and Standards Division, Environment Canada	
Date	1997