

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 dichloroethane, 2,2-Bis (p-chlorophenyl)-1,1-dichloroethane

Synonyms and/or acronyms: DDD

Parameter 1: ORGANIC

Parameter 2: Pesticides

Parameter 3: Organochlorine compounds

Water Quality for the Protection of Aquatic Life

Freshwater

Concentration (µg/L)

No data

Date

No data

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)

No data

Date

No data

Sediment 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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[Factsheet](#)

Freshwater

Concentration (µg/kg dry weight) - ISQG

3.54

Guideline		% ≤ ISQG	ISQG < % < PEL	ISQG % ≥ PEL
sediment (freshwater)	DDTs			

DDD	3	30	85
DDE	6	20	47
DDT (Provisional: adoption of marine ISQG) (Provisional: adoption of marine PEL)	8	5	59
Note: Sum of p,p' and o,p' isomers for DDD, DDE, and DDT. DDT freshwater ISQG provisional: adoption of marine ISQG DDT freshwater PEL provisional: adoption of marine PEL			

Concentration (µg/kg dry weight) - PEL 8.51

Guideline		% ≤ ISQG	ISQG < % < PEL	ISQG % ≥ PEL
sediment (freshwater)	DDTs			
	DDD	3	30	85
	DDE	6	20	47
	DDT (Provisional: adoption of marine ISQG) (Provisional: adoption of marine PEL)	8	5	59
Note: Sum of p,p' and o,p' isomers for DDD, DDE, and DDT. DDT freshwater ISQG provisional: adoption of marine ISQG DDT freshwater PEL provisional: adoption of marine PEL				

Date 1998

Marine

Concentration (µg/kg dry weight) - ISQG 1.22

Guideline		% ≤ ISQG		ISQG < % < PEL	ISQG % ≥ PEL
sediment (marine)	DDTs				
	DDD	4	11	46	
	DDE	5	16	50	
	DDT	8	5	59	
Note: Sum of p,p' and o,p' isomers for DDD, DDE, and DDT.					

Concentration (µg/kg dry weight) - PEL 7.81

Guideline		% ≤ ISQG		ISQG < % < PEL	ISQG % ≥ PEL
sediment (marine)	DDTs				
	DDD	4	11	46	
	DDE	5	16	50	
	DDT	8	5	59	
Note: Sum of p,p' and o,p' isomers for DDD, DDE, and DDT.					

Date 1998

Soil Quality for the Protection of Environmental and Human Health

Concentration (mg/kg dry weight) - Agricultural No data

Concentration (mg/kg dry weight) - Residential / woodland No data

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 (µg/kg diet wet weight)	<i>No data</i>
Guideline refer to the total concentration of the contaminant found in an aquatic organism on a wet weight basis that is not expected to result in adverse effects in predaceous wildlife	
Date	<i>No data</i>