

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 ethylene, 1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene

Synonyms and/or acronyms: DDE

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

1.42

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				6.75
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		2.07		
Guideline		% ≤ ISQG	ISQG < % < PEL	ISQG % ≥ PEL
sediment (marine)	DDTs			
	DDD	4	11	46
	DDE	5	16	50
	DDT (Provisional: adoption of marine ISQG) (Provisional: adoption of marine PEL)	8	5	59
Footnote: Sum of p,p' and o,p' isomers for DDD, DDE, and DDT.				
Concentration (µg/kg dry weight) - PEL				374
Guideline		% ≤ ISQG	ISQG < % < PEL	ISQG % ≥ PEL
sediment (marine)	DDTs			
	DDD	4	11	46
	DDE	5	16	50
	DDT (Provisional: adoption of marine ISQG) (Provisional: adoption of marine PEL)	8	5	59
Footnote:				

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 / parkland	No data
Concentration (mg/kg dry weight) - Commercial	No data
Concentration (mg/kg dry weight) - Industrial	No data
Date	No data
Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota	
Concentration (µg/kg diet wet weight)	No data
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	No data