

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.

Streambed substrate

Parameter 1: PHYSICAL

Parameter 2: Turbidity, clarity and suspended solids

Parameter 3: Total particulate matter

Water Quality for the Protection of Aquatic Life

Freshwater

Concentration (µg/L)	Narrative
4.Streambed substrate	
Note: Streambed substrate guideline values apply to actual and potential spawning sites.	
fine sediment	
The quantity in streambed substrates should not exceed 10% <2 mm, 19% <3 mm, and 25% <6.35 mm.	
geometric mean diameter	
Geometric mean diameter should not exceed 12mm.	
Freddle number	
Freddle number should not exceed 5mm	
intergravel dissolved oxygen	
Minimum of 6.5 mg/L	
Note:	
Guideline values apply to actual and potential spawning sites	
Based on: Caux, P.-Y., D.R.J. Moore, and D. MacDonald. 1997. Ambient water quality criteria for turbidity, suspended and benthic sediments in British Columbia: Technical appendix. Prepared for British Columbia Ministry of Environment, Lands and Parks, Water Quality Branch, Victoria, BC.	
The technical document for the guideline is available from British Columbia Ministry of Environment, Lands and Parks.	
Date	1999

Marine

Concentration (µg/L)	Narrative
4.Streambed substrate	
Note: Streambed substrate guideline values apply to actual and potential spawning sites.	
fine sediment	
The quantity in streambed substrates should not exceed 10% <2 mm, 19% <3 mm, and 25% <6.35 mm.	
geometric mean diameter	
Geometric mean diameter should not exceed 12mm.	
Freddle number	
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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

Freshwater

Concentration (µg/kg dry weight) - ISQG	No data
Concentration (µg/kg dry weight) - PEL	No data
Date	No data

Marine

Concentration (µg/kg dry weight) - ISQG	No data
Concentration (µg/kg dry weight) - PEL	No data
Date	No data

Date	<i>No data</i>
Soil Quality for the Protection of Environmental and Human Health	
Concentration (mg/kg dry weight) - Agricultural	<i>No data</i>
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 ($\mu\text{g}/\text{kg}$ diet wet weight)	<i>No data</i>
Date	<i>No data</i>