

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.	
Freddie number	
Freddie 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.	
Freddie number	
Freddie number should not exceed 5mm	
intergravel dissolved oxygen	
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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	No data
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
Date	No data