United States
Environmental Protection
Agency

Office of Water
Regulations and Standards
Washington, DC 20460

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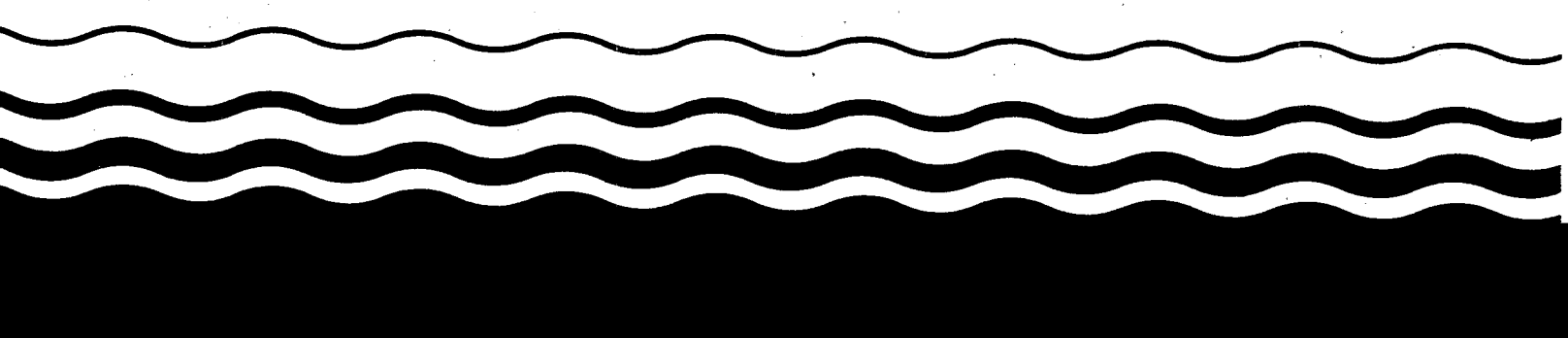
Water

EPA

State Water Quality Standards Summary: Trust Territories



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The reader should consult the water quality standards of a particular State for exact regulatory language applicable to that State. Copies of State water quality standards may be obtained from the State's Water Pollution Control Agency or its equivalent.

Additional information may also be obtained from the:

Standards Branch
Criteria and Standards Division (WH-585)
Office of Water Regulations and Standards
U.S. Environmental Protection Agency
Washington, D.C. 20460
202-475-7315

This document may be obtained only from the National Technical Information Service (NTIS) at the following address:

National Technical Information Service
5285 Front Royal Road
Springfield, Virginia 22161
703-487-4650

The NTIS order number is: PB89-142111.

TRUST TERRITORIES

Responsible Agency:
Trust Territory Environmental Protection Board
Office of the High Commissioner

Saipan, CM 96950

State Contact:

Standards Available From:

State Contact:

Fee: no Mailing List: no

State Narrative Language For: Antidegradation

Waters whose existing quality is better than the quality specified by these standards shall be maintained at the higher quality.

Waters whose existing quality is less than the quality specified by these standards shall be improved to comply with these standards.

No waters of the Territory shall be lowered in overall quality unless it has been affirmatively demonstrated to the Trust Territory Environmental Protection Board or its authorized agent that such a change is a necessary result of economic or social development, is in the best interest of the people or the Trust Territory and will not permanently impair any beneficial use assigned to the waters in question. Determinations made under this policy shall be made after full opportunity for public participation and intergovernmental coordination.

State Narrative Language For: Toxics

Free from substances and conditions attributable to the activities of man that may be toxic or cause irritation to humans, animals, or plants.

Criteria for toxic substances are given as either a maximum concentration or are determined by multiplying the stated application factor by the concentration determined to be lethal to 50% of the most sensitive indigenous organism after 96 hours of exposure (96 LC). When both an application factor and a maximum concentration are given, the lesser of the two shall constitute the water quality standard.

No substance or combination of substances shall be present in surface waters in amounts that exceed 0.01 times the 96 LC50 concentration unless it can be demonstrated to the Board that a higher concentration has no adverse effect, chronic or acute, on the intended uses of the water body in question.

(1) All methods of sample collection, preservation, and analysis used to determine compliance with these standards shall be in accordance with those specified in the current edition of Standard Methods for the Examination of Water and Wastewater or methods specified by the EPA in 40 CFR Part 136, as appropriate. Samples should be collected at approximately equal intervals and under those conditions of tide, rainfall, and time of day when pollution is most likely to be a maximum.

(2) Whenever natural conditions are of a lower quality than an assigned water quality criteria, the natural conditions shall constitute the water quality criteria.

(3) Whenever 2 numeric criteria are in conflict, the more stringent criteria shall constitute the water quality criteria.

(4) Pollutant discharges to either surface or ground waters shall be controlled so as to protect not only the receiving water but also those waters into which the initial receiving waters may flow.

State Narrative Language For: Free From

All waters shall be free from:

A. Visible floating materials, oils, grease, scum, and other floating matter attributable to the activities of man.

B. Materials attributable to sewage, industrial waste or other activities of man that produce visible turbidity or settle out to form deposits.

C. Materials attributable to sewage, industrial waste or other activities of man that produce objectionable color, odor or taste directly or by chemical or biological action in the water or biota.
D. Substances attributable to the activities of man that induce undesirable aquatic life or degrade the indigenous biota.
E. Substances and conditions attributable to the activities of man that may be toxic or cause irritation to humans, animals, or plants.

State Narrative Language For: Mixing Zones

(1) General - The water quality criteria in Part 6(B) shall apply within a mixing zone unless specific alternative criteria have been approved by the Board and concurred upon by the U.S. Environmental Protection Agency. Mixing zones will not be granted in lieu of reasonable control measures to reduce point source pollutant discharges but will be granted to compliment the application of reasonable controls.
(2) New Discharges - All new point source discharges beginning after the effective date of these regulations shall apply to the Board for a zone of mixing in forms supplied by the Board, unless it can be demonstrated that the point of discharge will meet the applicable water quality standards at the point of discharge. It shall be a violation of these standards for any person to commence discharging from a new point source without either obtaining a valid mixing zone from the Board or demonstrating to the Board's satisfaction that a mixing zone is not required.
(3) Existing Discharges - All existing point source discharges must apply to the board for a mixing zone or demonstrate that one is not required within eighteen (18) months of the effective date of these standards. The application procedure is identical to the one for new sources.
(4) It shall be in violation of these standards for any person to knowingly present false or misleading information to the Board in an application for a mixing zone.

TRUST TERRITORIES

Classifications:

Coastal Water Class AA	Uses to be protected include oceanographic research, the support and propagation of shellfish and other marine life, conservation of coral reefs and wilderness areas, compatible recreation, and other aesthetic enjoyment.
Coastal Water Class A	Uses to be protected include recreational (including fishing, swimming, bathing, and other water-contact sports), aesthetic enjoyment, and the support and propagation of aquatic life.
Coastal Water Class B	Uses to be protected include small boat harbors, commercial and industrial shipping, bait fishing, compatible recreation, the support and propagation of aquatic life, and aesthetic enjoyment.
Fresh Water Class 1	Uses to be protected include drinking water supply, food processing, the support and propagation of aquatic life, and compatible recreation.
Fresh Water Class 2	Uses to be protected in this class of waters are bathing, swimming, the support and propagation of aquatic life, compatible recreation, and agricultural water supply.

TRUST TERRITORIES

	All Classes	Coastal Water Class AA	Coastal Water Class A	Coastal Water Class B
Physical				
pH				
Upper Value		8.5	8.5	8.5
Lower Value		7.7	7.7	7.7
Dissolved Oxygen				
Lower Value		6.0 mg/L	5.0 mg/L	4.5 mg/L
Temperature				
Upper Value	Narr.			
Temperature Change				
Upper Value	0.9 C			
Turbidity				
Upper Value		1 NTU	1 NTU	2 NTU
Total Dissolved Solids				
Upper Value	Narr.			
Nutrients				
Total Nitrogen				
Upper Value		0.400 mg/L	0.400 mg/L	0.800 mg/L
Phosphorus				
Upper Value		0.025 mg/L	0.025 mg/L	0.500 mg/L
Toxic Metals				
Arsenic				
Upper Value		0.01 mg/L	0.01 mg/L	0.01 mg/L
Cadmium				
Upper Value		5 ug/L	5 ug/L	5 ug/L
Cyanide				
Upper Value		1 ug/L	1 ug/L	1 ug/L
Iron				
Upper Value		0.05 mg/L	0.05 mg/L	0.05 mg/L
Lead				
Upper Value		5.6 ug/L	5.6 ug/L	5.6 ug/L
Mercury				
Upper Value		0.025 ug/L	0.025 ug/L	0.025 ug/L
Zinc				
Upper Value		58 ug/L	58 ug/L	
Barium				
Upper Value		0.5 mg/L	0.5 mg/L	0.5 mg/L
Beryllium				
Upper Value		0.1 mg/L	0.1 mg/L	0.1 mg/L
Boron				
Upper Value		5.0 mg/L	5.0 mg/L	5.0 mg/L
Manganese				
Upper Value		0.02 mg/L	0.02 mg/L	0.02 mg/L
Nickel				
Upper Value		0.002 mg/L	0.002 mg/L	0.002 mg/L
Selenium				
Upper Value		0.005 ug/L	0.005 ug/L	0.005 ug/L
Silver				
Upper Value		1 ug/L	1 ug/L	1 ug/L
Pesticides				

TRUST TERRITORIES

	All Classes	Coastal Water Class AA	Coastal Water Class A	Coastal Water Class B
Aldrin				
Upper Value	0.002 ug/L			
Zinc				
Upper Value	0.002 ug/L			58 ug/L
Chlordane				
Upper Value	0.004 ug/L			
DDT				
Upper Value	0.001 ug/L			
Demeton				
Upper Value	0.1 ug/L			
Endosulfan				
Upper Value	0.001 ug/L			
Secondary Upper Limit	0.003 ug/L			
Endrin				
Upper Value	0.004 ug/L			
Guthion				
Upper Value	0.01 ug/L			
Heptachlor				
Upper Value	0.001 ug/L			
Lindane				
Upper Value	0.004 ug/L			
Secondary Upper Limit	0.01 ug/L			
Malathion				
Upper Value	0.1 ug/L			
Methoxychlor				
Upper Value	0.03 ug/L			
Mirex				
Upper Value	0.001 ug/L			
Parathion				
Upper Value	0.04 ug/L			
Toxaphene				
Upper Value	0.005 ug/L			
Organics				
Phenol				
Upper Value		1 ug/L	1 ug/L	1 ug/L
Phthalate Esters				
Upper Value		3.4 ug/L	3.4 ug/L	3.4 ug/L
PCBs				
Upper Value		0.001 ug/L	0.001 ug/L	0.001 ug/L
Bacteria				
Fecal Coliform				
Upper Value			Narr.	Narr.
Total Coliform				
Upper Value		Narr.		

TRUST TERRITORIES

	Fresh Water Class 1		Fresh Water Class 2	
Physical				
pH				
Upper Value	8.5		8.5	
Lower Value	6.5		6.5	
Dissolved Oxygen				
Lower Value	6.0	mg/L	5.0	mg/L
Turbidity				
Upper Value	Narr.		Narr.	
Nutrients				
Total Nitrogen				
Upper Value	1.500	mg/L	1.500	mg/L
Phosphorus				
Upper Value	0.200	mg/L	0.200	mg/L
Toxic Metals				
Arsenic				
Upper Value	0.050	mg/L		
Cadmium				
Upper Value	0.66	ug/L	0.66	ug/L
Cyanide				
Upper Value	5.0	ug/L	5.0	ug/L
Iron				
Upper Value	0.3	mg/L	1.0	mg/L
Lead				
Upper Value	1.3	ug/L	1.3	ug/L
Mercury				
Upper Value	0.012	ug/L	0.012	ug/L
Zinc				
Upper Value	47	ug/L	47	ug/L
Barium				
Upper Value	1.0	mg/L		
Beryllium				
Upper Value	6.8	ug/L		
Manganese				
Upper Value	50	mg/L		
Nickel				
Upper Value	56	ug/L	56	ug/L
Selenium				
Upper Value	10	ug/L	10	ug/L
Silver				
Upper Value	1	ug/L	1	ug/L
Pesticides				
Organics				
Phenol				
Upper Value	1	ug/L	1	ug/L
Phthalate Esters				
Upper Value	3	ug/L	3	ug/L

TRUST TERRITORIES

	Fresh Water Class 1	Fresh Water Class 2
PCBs		
Upper Value	0.001 ug/L	0.001 ug/L
Bacteria		
Fecal Coliform		
Upper Value		Narr.
Total Coliform		
Upper Value	Narr.	