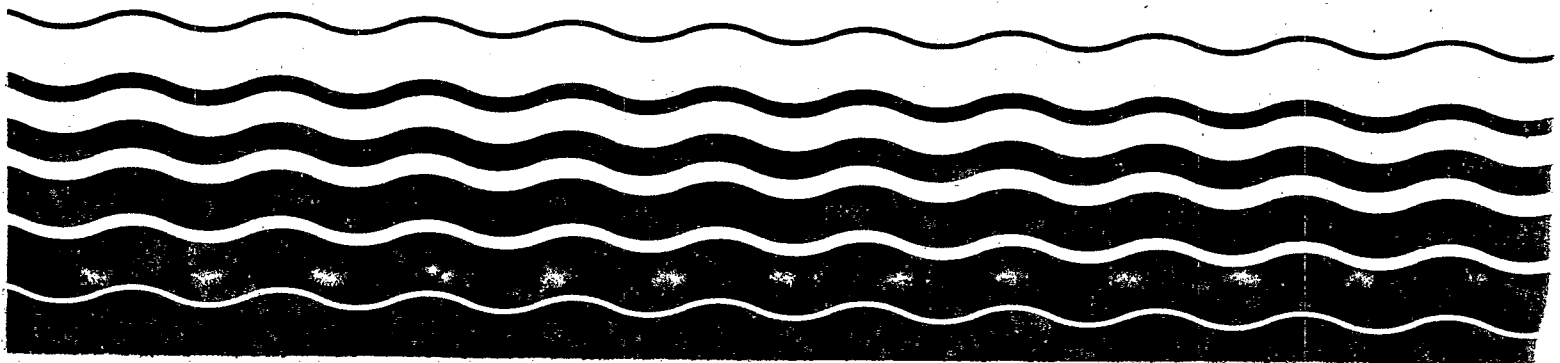


Water



State Water Quality Standards Summary: Georgia



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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: PB89-141766.

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Responsible Agency:

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404-656-3500

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State Narrative Language For: Antidegradation

Those waters in the State whose existing quality is better than the minimum levels established in standards on the date standards become effective will be maintained at high quality; with the State having the power to authorize new developments, when it has been affirmatively demonstrated to the State that a change is justifiable to provide necessary social or economic development; and provided further that the level of treatment required is the highest and best practicable under existing technology to protect existing beneficial water uses. Existing instream water uses and the level of water quality necessary to protect the existing uses shall be maintained and protected.

State Narrative Language For: Toxics

All waters shall be free from toxic substances discharged from municipalities, industries or other sources in amounts, concentrations or combinations which are harmful to humans, animal or aquatic life.

State Narrative Language For: Free From

A. All waters shall be free from materials associated with municipal or domestic sewage, industrial waste or any other waste which will settle to form sludge deposits that become putrescent, unsightly or otherwise objectionable.

B. All waters shall be free from oil, scum and floating debris associated with municipal or domestic sewage, industrial waste or other discharges in amounts sufficient to be unsightly or to interfere with legitimate water uses.

C. All waters shall be free from material related to municipal, industrial or other discharges which produce turbidity, color, odor or other objectionable conditions which interfere with legitimate water uses.

D. All waters shall be free from toxic, corrosive, acidic and caustic substances discharged from municipalities, industries or other sources in amounts, concentrations or combinations which are harmful to humans, animals or aquatic life.

State Narrative Language For: Low Flow

Streamflows - Specific criteria or standards set for the various parameters apply to all flows on regulated streams. On unregulated streams, they shall apply to all stream-flows equal to or exceeding the 7-day, 10-year minimum flow.

State Narrative Language For: Mixing Zones

Effluent released to streams or impounded waters shall be fully and homogeneously dispersed and mixed insofar as practical with the main flow or water body by appropriate methods at the discharge point. Use of a reasonable and limited mixing zone may be permitted on receipt of satisfactory evidence that such a zone is necessary and that it will not create an objectionable or damaging pollution condition.

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Classifications:

Drinking Water Supplies	Those raw water supplies requiring approved treatment to meet the requirements of the Environmental Protection Division for human consumption and food-processing; or for any other use requiring water of a lower quality.
Recreation	General recreational activities such as water skiing, boating, and swimming, or for any other use requiring water of a lower quality. These criteria are not to be interpreted as condoning water contact sports in proximity to sewage or industrial waste discharges regardless of treatment requirements.
Fishing, Prop. of Fish, Shellf., Game & Other Aquat. Life	Suitable for these uses and any use requiring water of a lower quality.
Agricultural	For general agricultural uses such as stock watering and irrigating; or for any other use requiring water of a lower quality.
Industrial	For processing and cooling water with or without special treatment; or for any other use requiring water of a lower quality.
Navigation	To provide for commercial ship traffic and protection of seamen or crews.
Wild River	<p>This classification will be applicable to any waters of the State when so designated by an authorized State or Federal Agency and will be effective simultaneously with that Agency's proper designation.</p> <p>For all waters designated as "Wild River," there will be no alteration of natural water quality from any source.</p>
Urban Stream	<p>This classification is applicable to streams in highly developed urban areas. The waters so classified are to be aesthetically compatible to adjacent areas.</p>
Scenic River	<p>This classification will be applicable to any waters of the State when so designated by an authorized State or Federal Agency and will be effective simultaneously with that Agency's proper designation.</p> <p>For all waters designated as "Scenic River," there shall be no alteration of natural water quality from any source.</p>

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	All Classes	Drinking	Recreation	Fishing, Prop. ..
Physical				
pH				
Upper Value		8.5	8.5	8.5
Lower Value		6.0	6.0	6.0
Dissolved Oxygen				
Lower Value		5.0	5.0	5.0
Temperature				
Upper Value		90 F	90 F	90 F
Temperature Change				
Upper Value		5 F	5 F	5 F
Nutrients				
Toxic Metals				
Arsenic				
Upper Value	50 ug/L			
Chromium - Total				
Upper Value	20 ug/L			
Cyanide				
Upper Value	3.5 ug/L			
Pesticides				
2,4 D				
Upper Value	100 ug/L			
Endrin				
Upper Value	0.002 ug/L			
Lindane				
Upper Value	0.08 ug/L			
Methoxychlor				
Upper Value	0.03 ug/L			
Organics				
Phenols				
Upper Value	5.01 ug/L			
Bacteria				
Fecal Coliform				
Upper Value		Narr.	Narr.	Narr.

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	Agricultural		Industrial		Navigation		Wild River
Physical							
pH							
Upper Value	8.5		8.5		8.5		
Lower Value	6.0		6.0		6.0		
Dissolved Oxygen							
Lower Value	3.0	mg/L	3.0	mg/L	3.0	mg/L	
Temperature							
Upper Value	90	F	90	F	90	F	
Temperature Changes							
Upper Value	5	F	5	F	5	F	
Secondary Upper Limit	1.5	F	1.5	F	1.5	F	
Nutrients							
Toxic Metals							
Pesticides							
Organics							
Bacteria							
Fecal Coliform							
Upper Value	Narr.				Narr.		

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Scenic River

Physical

Nutrients

Toxic Metals

Pesticides

Organics

Bacteria

