
Satilla River Basin Management Plan 2002



Georgia Department of Natural Resources
Environmental Protection Division

Georgia River Basin Management Planning Vision, Mission, and Goals

What is the **VISION** for the Georgia RBMP Approach?

Clean water to drink, clean water for aquatic life, and clean water for recreation, in adequate amounts to support all these uses in all river basins in the state of Georgia.

What is the **RBMP MISSION**?

To develop and implement a river basin planning program to protect, enhance, and restore the waters of the State of Georgia, that will provide for effective monitoring, allocation, use, regulation, and management of water resources.

[Established January 1994 by a joint basin advisory committee workgroup.]

What are the **GOALS** to Guide RBMP?

- 1) To meet or exceed local, state, and federal laws, rules, and regulations. And be consistent with other applicable plans.
- 2) To identify existing and future water quality issues, emphasizing nonpoint sources of pollution.
- 3) To propose water quality improvement practices encouraging local involvement to reduce pollution, and monitor and protect water quality.
- 4) To involve all interested citizens and appropriate organizations in plan development and implementation.
- 5) To coordinate with other river plans and regional planning.
- 6) To facilitate local, state, and federal activities to monitor and protect water quality.
- 7) To identify existing and potential water availability problems and to coordinate development of alternatives.
- 8) To provide for education of the general public on matters involving the environment and ecological concerns specific to each river basin.
- 9) To provide for improving aquatic habitat and exploring the feasibility of re-establishing native species of fish.
- 10) To provide for restoring and protecting wildlife habitat.
- 11) To provide for recreational benefits.
- 12) To identify and protect flood prone areas within each river basin, and encourage local and state compliance with federal flood plain management guidelines.

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Preface

This report was prepared by the Environmental Protection Division (EPD), Georgia Department Natural Resources (EPD), as required by O.C.G.A. 12-5-520 and as a public information document. It represents a synoptic extraction of the EPD files and, in certain cases, information has been presented in summary form from those files. The reader is therefore advised to use this condensed information with the knowledge that it is a summary document and more detailed information is available in the EPD files.

Comments or questions related to the content of this report are invited and should be addressed to:

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List of Acronyms and Abbreviations

Ac	acre	DNR	Georgia Department of Natural Resources
Ac-ft	acre-feet	DO	dissolved oxygen
ACCG	Association of County Commissioners of Georgia	EPA	U.S. Environmental Protection Agency
ACF	Apalachicola-Chattahoochee-Flint Basin	EPD	Georgia Environmental Protection Division
ACT/ACF	Alabama-Coosa-Tallapoosa/Apalachicola-Chattahoochee Flint Basin	EQIP	Environmental Quality Incentives Program
ADEM	Alabama Department of Environmental Management	E&SC	Erosion and Sedimentation Control Act
ARC	Atlanta Regional Commission	FEMA	Federal Emergency Management Agency
ARS	USDA Agricultural Research Service	FFY	Federal fiscal year
ASR	aquifer storage and recovery	FIP	Forestry Incentives Program
BMPs	best management practices	FSA	Farm Service Agency
BOD	biochemical oxygen demand	ft	feet
CAES	University of Georgia College of Agricultural and Environmental Sciences	ft ² /d	square feet per day
Cd	cadmium	ft ³ /s	cubic feet per second
CFR	Code of Federal Regulations	gal/m	gallons per minute
COE	U.S. Army Corps of Engineers	GDA	Georgia Department of Agriculture
CPUE	catch per unit effort (fishing)	GEMA	Georgia Emergency Management Agency
CRMP	Chattahoochee River Modeling Project	GFA	Georgia Forestry Association
CRP	Conservation Reserve Program	GFC	Georgia Forestry Commission
CSGWPP	Comprehensive State Ground Water Protection Plan	GMA	Georgia Municipal Association
CSMTF	Community Stream Management Task Force	GPC	Georgia Power Company
CSO	Combined Sewer Overflow	GPD	gallons per day
Cu	copper	GPM	gallons per minute
CWA	U.S. Clean Water Act	GSWCC	Georgia Soil and Water Conservation Commission
DCA	Georgia Department of Community Affairs	Hg	mercury
		HUC	Hydrologic unit code (USGS)
		IBI	Index of Biotic Integrity
		kg	kilogram

km ²	square kilometer	RBMP	River Basin Management Planning
kW	kilowatt	RBP	Rapid Bioassessment Protocol
LAS	land application system for wastewater	RC&D	Resource Conservation and Development Council
LUST	leaking underground storage tank	RDC	Regional Development Center
MCL	Maximum Contaminant Level for drinking water	RM	river mile
meq/l	milliequivalent	SCS	Soil Conservation Service (now NRCS)
mg/l	milligrams per liter	SMZs	Streamside Management Zones
MG	million gallons	SOCs	Synthetic Organic Chemicals
MGD	million gallons per day	STATSGO	State Soil Geographic Database (USDA)
mi ²	square miles	SWCD	Soil and Water Conservation District
ml	milliliter	TMDL	Total Maximum Daily Load, as specified in the CWA
MLMP	Major Lakes Monitoring Project	TTSI	Georgia combined lake trophic state index
MLRA	major land resource area	UGA	University of Georgia
MOU	memorandum of understanding	USACE	U.S. Army Corps of Engineers
MPN	most probable number (for quantification of fecal coliform bacteria)	USDA	U.S. Department of Agriculture
MSA	Atlanta Metropolitan Statistic Area	USEPA	U.S. Environmental Protection Agency
MS4	municipal separate stormwater system	USF&WS	U.S. Fish and Wildlife Service
M&I	municipal and industrial	USGS	U.S. Geological Survey
NFIP	National Flood Insurance Program	WET	whole effluent toxicity
NOI	notice of intent	WHIP	Wildlife Habitat Incentives Program
NPDES	National Pollution Discharge Elimination System	WPCP	water pollution control plant
NPS	nonpoint source	WRD	Georgia Wildlife Resources Division
NRCS	Natural Resources Conservation Service of USDA	WRP	Wetland Reserve Program
NSSP	National Shellfish Sanitation Program	WWTP	wastewater treatment plant
NURE	National Uranium Resource Evaluation	Zn	zinc
NWI	National Wetlands Inventory (USF&WS)	µg/l	micrograms per liter
Pb	lead	7Q10	7-day average low flow with a once-in-ten-year recurrence interval
PCB	polychlorinated biphenyl		
PFA	public fishing area		
ppm	parts per million; equivalent to mg/l		