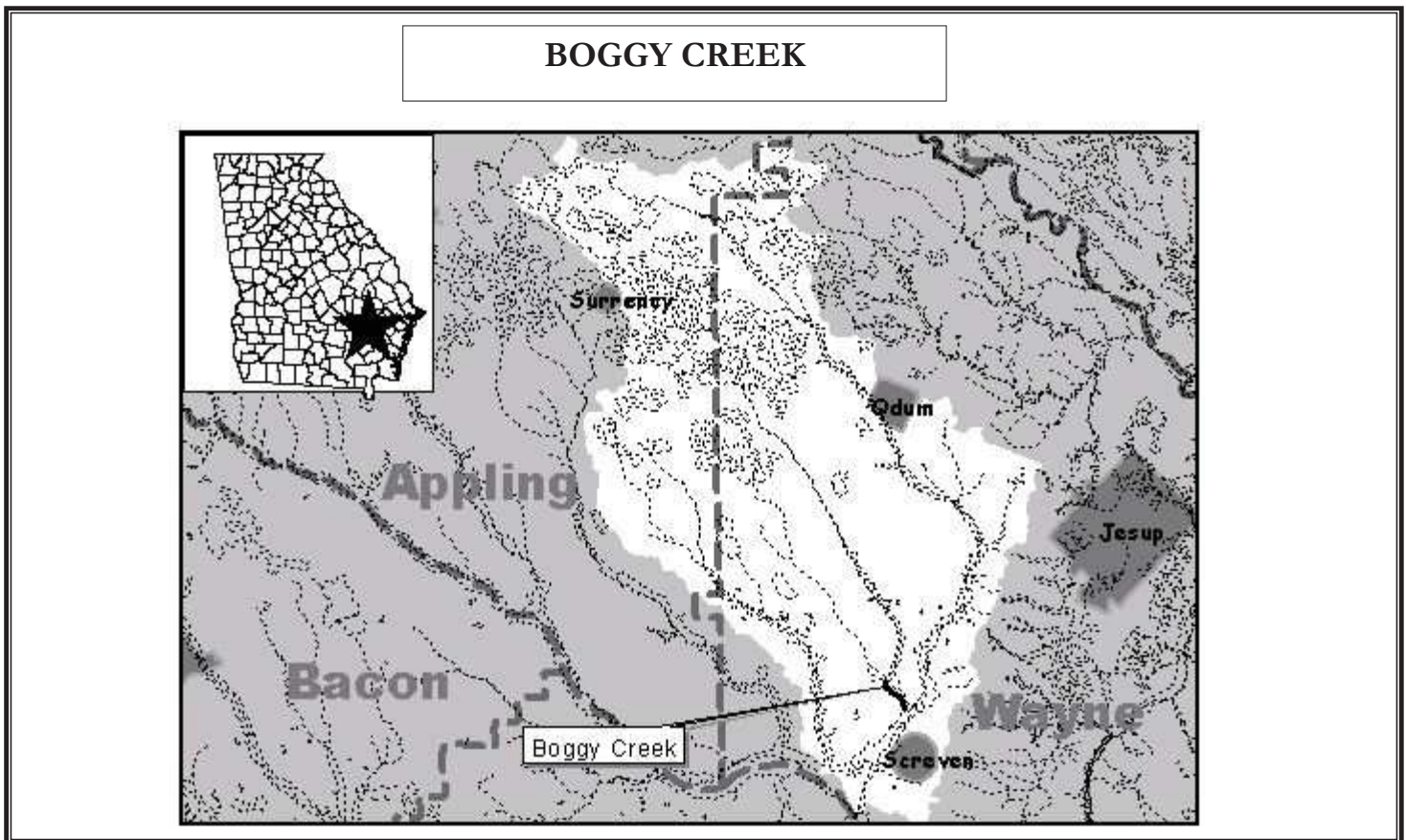


**STATE OF GEORGIA
TMDL IMPLEMENTATION PLAN**

**BOGGY CREEK
(Fecal Coliform)**

Prepared by
The Georgia Department of Natural Resources
Environmental Protection Division
Atlanta, GA

TMDL Implementation Plans are platforms for establishing a course of actions to restore the quality of impaired water bodies in a watershed. They are intended as a continuing process that may be revised as new conditions and information warrant. Procedures will be developed to track and evaluate the implementation of the management practices and activities identified in the plans. Once restored, appropriate management practices and activities will be continued to maintain the water bodies. The overall goal of the Plan is to define a set of actions that will help achieve water quality standards in the state of Georgia. This plan was originally prepared as an implementation inventory by the Heart of Georgia Altamaha RDC with a Section 604(b) Grant. TMDL load allocation information has been updated to reflect the approved TMDL.



Impaired Waterbody*	Impaired Stream Location	River Basin	Miles/Area Impacted	Partially Supporting/ Not Supporting
Boggy Creek	Dry Creek to Little Satilla Creek, North of Screven	Satilla	1 Mile	Not Supporting

INVENTORY FOR: Boggy Creek FC RIVER BASIN: Satilla
 (STREAM) (PARAMETER) PLAN DATE: 9/01/01

ey a Regional Development Center State: <u>GA</u> rdc@altamaha.net	Or Prepared By: Address: _____ City: _____ State: _____ Zip: _____ e-mail: _____ Date Submitted to EPD: _____
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ral Information e TMDL document or other information. nent will be a self-contained report ent.	Significant Stakeholders
	Identify local governments, agricultural organizations or significant landholders, commercial forestry organizations, businesses and industries, and local organizations including environmental groups with a major interest in this water body.

(PD)	SAT0000004	Name/Organization	Wayne County Board of Commissioners				
	Boggy Creek	Address	P. O. Box 217				
	Satilla River	City	Jesup	State	GA	Zip	31598
	03070202	Phone	912-427-5900			e-mail	
	Wayne	Name/Organization	Wayne State Prison				
		Address	1093 Tag Street				
	Heart of Georgia Altamaha	City	Odum	State	GA	Zip	31555
		Phone	912-586-2244			e-mail	
	Dry Creek to Little Satilla	Name/Organization	Wayne County Farm Bureau				
	Creek No. of Screven	Address	1322 W. Orange Street				
	1	City	Jesup	State	GA	Zip	31598
an	FC	Phone	912-427-9313			e-mail	
	Fishing	Name/Organization	Wayne Co. Coop. Extension Service				
	Partially supporting use <input type="checkbox"/>	Address	341 E. Walnut Street				
	Not supporting use <input checked="" type="checkbox"/>	City	Jesup	State	GA	Zip	31598
PD	June 2000	Phone	912-427-5965			e-mail	
	Point sources (Possible) <input checked="" type="checkbox"/>	Name/Organization	Altamaha Riverkeeper				
	Nonpoint sources <input checked="" type="checkbox"/>	Address	P. O. Box 2642				
	Both <input type="checkbox"/>	City	Darien	State	GA	Zip	31305
	nt source-Form B; Both-Form A+B+C	Phone	912-437-8164			e-mail	

If more, add to comments on last page.

FORM B

ON MODEL RESULTS FROM TMDL DOCUMENT (existing load, target TMDL, and needed reduction)

	TARGET TMDL	NEEDED REDUCTION
	1.6 x 10 ¹²	76%

SOURCE CATEGORIES AND SUBCATEGORIES OR INDIVIDUAL SOURCES WHICH MUST BE
 TREATMENT LOAD ALLOCATIONS:

Sources contributing to impairment including those identified in TMDL document.

	DESCRIPTION OF CONTRIBUTION TO IMPAIRMENT	RECOMMENDED LOAD REDUCTION (FROM TMDL)
	Possible introduction of animal waste from upslope practices and stormwater runoff when BMPs are not followed	
	Possible introduction of wastewater discharges from facility's wastewater treatment plant	
	Possible introduction of discharges from septic tank runoff from nearby residential areas as well as a campground at nearby Lake Grace and general use of the lake	

LATORY OR VOLUNTARY ACTIONS INCLUDING MANAGEMENT MEASURES OR OTHER CONTROLS INDIVIDUALS THAT SPECIFICALLY APPLY TO THE POLLUTANT AND THE WATERBODY FOR WHICH, THAT WILL BE ACCOMPLISHED THROUGH RELIABLE AND EFFECTIVE DELIVERY MECHANISMS, ACHIEVE THE LOAD ALLOCATIONS IN THE TMDL:

re instructions.

ory actions

	NAME OF REGULATION/ORDINANCE	DESCRIPTION	ENACTED OR PROJECTED DATE (mm/yy)	STATUS
	Georgia Water Quality Control Act (OCGA 12-5-20)	Makes it unlawful to discharge excessive pollutants (sediments, nutrients, pesticides, animal waste, etc.) into waters of the State in amounts harmful to public health, safety, or welfare, or to animals birds, or aquatic life or the physical destruction of stream habitat.	1964	Current
	Georgia Planning Act (OCGA 12-2-8)	Authorized DCA to develop minimum planning standards and procedures that local government planning and zoning jurisdictions could adopt and enforce pertaining to the protection of river corridors, mountains, water supply watersheds, groundwater recharge areas, and wetlands	1989	Current
cal	Georgia Erosion and Sedimentation Control Act (OCGA 12-7-1)	Authorizes local governments to adopt a comprehensive ordinance governing land disturbing activities within local planning and zoning jurisdictions and require the use of Best Management Practices	Amended 2000	Current
cal	NPDES (National Pollutant Discharge Elimination System) Permits	Regulates facilities that are allowed to discharge treated wastewater into surface water	2000	Current
yne	Comprehensive Water Supply Plan	Requires 24 counties in Southeast Georgia located within the Upper Floridan Aquifer to prepare comprehensive water	2000	Current

		supply plans to facilitate planning for future water demand to help prevent further salt-water intrusion into the aquifer		
	Local Septic Tank Permit Ordinance	Authorizes the regulation of septic tanks, including placement, installation and maintenance		Current

NUMBER OR	NAME OF ACTION	DESCRIPTION	ENACTED OR PROJECTED DATE (mm/yy)	STATUS
ion	Forestry Water Quality Program	Designated by EPD to lead the effort to develop BMPs, educational BMP programs, forestry complaint resolution process and BMP monitoring, conducts biennial BMP monitoring, complaint investigation and mediation	1999 Manual	Current
Dept. of	Agricultural BMPs	Leads efforts in agricultural water quality program, develops agricultural BMP educational and monitoring efforts		

regulatory or other measures which should be implemented to reduce the loads of the TMDL parameter

NAME OF PROPOSED REGULATION/ORDINANCE/OTHER	DESCRIPTION	ENACTED OR PROJECTED DATE (mm/yy)	STATUS
Land Use Management Regulations	Utilize state-mandated environmental planning criteria, local planning and zoning ordinances, BMPs for agriculture and forestry, and septic tank permitting to manage runoff and development, RDC will provide technical assistance in developing a model "zoning-light" ordinance to encourage local governments to implement planning and zoning measures		
Stormwater Management Regulations	Utilize local ordinance enforcement to produce better erosion/sedimentation control at the time of construction, could possibly require post-construction erosion/sedimentation control, could use passive design elements in new developments and stream buffers to prevent runoff		
Cooperative Monitoring Program	Seek a scientific study of issues such as natural dissolved oxygen levels of slow-moving streams, could seek funding/cooperation for watershed assessments for small watersheds, develop a program for implementation assessments		

IMPLEMENTING MANAGEMENT MEASURES OR OTHER CONTROL ACTIONS:

to be implemented as expeditiously as practicable within five years of when the implementation plan is accepted by EPD.

ACTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	X				
Work with stakeholders and local officials to identify and potential funding sources	X				
TMDL parameter	X				
Programs to control runoff including implementation of BMPs					
Agriculture	X	X	X	X	X

	Forestry	X	X	X	X	X
	Urban	X	X	X	X	X
	Mining	NA	NA	NA	NA	NA
Education and outreach programs		X	X	X	X	X
Discharges		X	X	X	X	X
Implementation controls needed			X	X	X	X
Inspections		X	X	X	X	X
Monitoring			X	X	X	X
Reports on implementation of remedial activities		X	X	X	X	X
For Phase II (next 5 years) and subsequent						

IMPLEMENTATION DATE AND BASIS FOR THAT PROJECTION:

Implementation date is 10 years from acceptance of the implementation plan by EPD.

LEGEND:

- Implementation controls and activities already implemented _____
- Implementation controls and activities proposed in five-year work program _____
- Implementation controls and activities actually implemented in five-year work period _____ (to be completed after 5 years)
- Priority areas of concern See monitoring plan
- _____
- _____

Information on 303(d) list will be provided if requested.

Implementation of sampling activities or other surveys to detect sources or to measure effectiveness of management

	TIME FRAME	PARAMETERS	PURPOSE	STATUS
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	01/98-12/98	FC	To collect data to detect the level of fecal coliform present at a single monitoring location along Boggy Creek	Complete

Proposed sampling activities or other surveys. (Scheduled EPD sampling can be found in the Basin Planning

	TIME FRAME	PARAMETERS	PURPOSE	STATUS
			basin planning	

For future monitoring better, more consistent data needs to be acquired. The most recent and reliable data taken by the USGS. Along with the concern about the length of time that has elapsed since the sample was taken the stream was used for monitoring purposes. There has been no sampling of locations either upstream or downstream of the sample. Therefore, it is difficult to determine with precision the exact source(s) contributing to the stream's pollution. More sampling at various locations needs to be conducted to better determine the extent of possible contributing cause(s).

DETERMINE WHETHER SUBSTANTIAL PROGRESS IS BEING MADE:

Change (monitoring program)

Classification of the stream (delisting the stream is the goal)

ivities installed (ordinances, laws)

es installed (agricultural, forestry, urban)
