River Basin Planning Act

(O.C.G.A. 12-5-520 to 525)

92 SB637/AP

Senate Bill 637

By: Senators Johnson of the 47th, Pollard of the 24th, Edge of the 28th and Egan of the 40th.

An Act

To amend Chapter 5 of Title 12 of the Official Code of Georgia Annotated, relating to water resources, so as to define certain terms; to provide for the development of river basin management plans for certain rivers; to provide for the contents of such plans; to provide for the appointment and duties of local advisory committees; to provide for notice and public hearings; to provide for submission to and approval of plans to the Board of Natural Resources; to make certain provisions relative to issuing certain permits; to provide for the application for and use of certain funds; to provide that this Act shall not enlarge the powers of the Department of Natural Resources; to repeal conflicting laws; and for other purposes.

Be It Enacted by the General Assembly of Georgia:

Section 1. Chapter 5 of Title 12 of the Official Code of Georgia Annotated, relating to water resources, is amended by inserting at the end thereof the following:

Article 8

12-5-520. As used in this article, the term:

(1) "Board" means the Board of Natural Resources.

(2) "Director" means the director of the Environmental Protection Division of the Department of Natural Resources.

12-5-521. The director shall develop river basin management plans for the following rivers: Alapaha, Altamaha, Canoochee, Chattahoochee, Coosa, Flint, Ochlocknee, Ocmulgee, Oconee, Ogeechee, St. Marys, Satilla, Savannah, Suwanee, Tallapoosa, and Tennessee. The director shall consult the chairmen of the local advisory committees on all aspects of developing the management plans. The director shall begin development of the management plan for the Chattahoochee and Flint river basins by December 31, 1992, and for the Coosa and Oconee river basins by December 31, 1993. Beginning in 1994, the director shall begin development of one management plan per calendar year until all required management plans have been begun. All management plans shall be completed not later than five years after they

were begun and shall be made available to the public within 180 days after completion.

12-5-522. The management plans provided by Code Section 12-5-521 shall include, but not be limited to, the following:

(1) A description of the watershed, including the geographic boundaries, historical, current, and projected uses, hydrology, and a description of water quality, including the current water quality conditions;

(2) An identification of all governmental units that have jurisdiction over the watershed and its drainage basin;

(3) An inventory of land uses within the drainage basin and important tributaries including point and nonpoint sources of pollution;

(4) A description of the goals of the management plan, which may include educating the general public on matters involving the environmental and ecological concerns specific to the river basin, improving water quality and reducing pollution at the source, improving aquatic habitat and reestablishing native species of fish, restoring and protecting wildlife habitat, and providing recreational benefits; and

(5) A description of the strategies and measures necessary to accomplish the goals of the management plan.

12-5-523. As an initial action in the development of a management plan, the director shall appoint local advisory committees for each river basin to consist of at least seven citizens and a chairman appointed by the director. The local advisory committees shall provide advice and counsel to the director during the development of the management plan. Each committee shall meet at the call of the chairman but not less than once every four months. The chairman and members of the local advisory committees shall serve without compensation or reimbursement of expenses.

12-5-524.

(a) Upon completion of the penultimate draft of a management plan, the director shall conduct public hearings within the river basin. At least one public hearing shall be held in each river basin named in Code Section 12-5-521. The director shall publish notice of each such public hearing in a newspaper of general circulation in the area announcing the date, time, place, and purpose of the public hearing. A draft of the management plan shall be made available to the public at least 30 days prior to the public hearing. The director shall receive public comment at the public hearing and for a period of at least ten days after the public hearing.

(b) The division shall evaluate the comments received as a result of the public hearings and shall develop the final draft of the management plan for submission to the board for consideration within 60 days of the public hearing.

(c) The board shall consider the management plan within 60 days after submission by the director. The department shall publish the management plan adopted by the board and shall make copies available to all interested local governmental officials and citizens within the river basin covered by such management plan.

(d) Upon the board's adoption of a final river basin management plan, all permitting and other activities conducted by or under the control of the Department of Natural Resources shall be consistent with such plan.

(e) No provision of this article shall constitute an enlargement of the existing statutory powers of the department.

12-5-525. The director is directed to apply for the maximum amount of available funds pursuant to Sections 106, 314, 319, and 104(b)(2) of Public Law 95-217, the federal Clean Water Act, and any other available source for the development of river basin management plans.

Section 2. All laws and parts of laws in conflict with this Act are repealed.

Georgia Instream Water Quality Standards For All Waters: Toxic Substances

(Excerpt from Georgia Rules and Regulations for Water Quality Control Chapter 391-3-6-.03 Water Use Classifications and Water Quality Standards)

(i) Instream concentrations of the following chemical constituents which are considered to be other toxic pollutants of concern in the State of Georgia shall not exceed the criteria indicated below under 7-day, 10-year minimum flow (7Q10) or higher stream flow conditions except within established mixing zones:

1. 2,4-Dichlorophenoxyacetic acid (2,4-D)	70 μg/l
2. Methoxychlor	0.03 μg/l*
3. 2,4,5-Trichlorophenoxy propionic acid (TP Silvex)	50 μg/l

(ii) Instream concentrations of the following chemical constituents listed by the U.S. Environmental Protection Agency as toxic priority pollutants pursuant to Section 307(a)(1) of the Federal Clean Water Act (as amended) shall not exceed the acute criteria indicated below under 1-day, 10-year minimum flow (1Q10) or higher stream flow conditions and shall not exceed the chronic criteria indicated below under 7-day, 10-year minimum flow (7Q10) or higher stream flow conditions except within established mixing zones or in accordance with site specific effluent limitations developed in accordance with procedures presented in 391-3-6-.06. Unless otherwise specified, the criteria below are listed in their total recoverable form. Because most of the numeric criteria for the metals below are listed as the dissolved form, total recoverable concentrations of metals that are measured instream will need to be translated to the dissolved form in order to compare the instream data with the numeric criteria. This translation will be performed using guidance found in “Guidance Document of Dynamic Modeling and Translators August 1993" found in Appendix J of EPA’s Water Quality Standards Handbook: Second Edition, EPA-823-B-94-005a or by using other appropriate guidance from EPA.

		Acute	Chronic
1.	Arsenic		
	(a) Freshwater	340 μg/l [1]	150 μg/l [1]
	(b) Coastal and Marine Estuarine Waters	69 μg/l [1]	36 μg/l [1]
2.	Cadmium		
	(a) Freshwater	2.0 μg/l [1, 3]	1.3 μg/l [1, 3]
	(b) Coastal and Marine Estuarine Waters	42 μg/l [1]	9.3 μg/l [1]
3.	Chromium III		
	(a) Freshwater	320 μg/l [1,3]	42 μg/l [1,3]
	(b) Coastal and Marine Estuarine Waters	--	--
4.	Chromium VI		
	(a) Freshwater	16 μg/l [1]	11 μg/l [1]
	(b) Coastal and Marine Estuarine Waters	1,100 μg/l [1]	50 μg/l [1]
5.	Copper		
	(a) Freshwater	7.0 μg/l [1,2*,3]	5.0 μg/l [1,2*,3]
	(b) Coastal and Marine Estuarine Waters	4.8 μg/l [1,2]	3.1 μg/l [1,2]
		Acute	Chronic

6.	Lead		
	(a) Freshwater	30 μg/l [1,3]	1.2 μg/l [1,2*,3]
	(b) Coastal and Marine Estuarine Waters	210 μg/l [1]	8.1 μg/l [1]
7.	Mercury		
	(a) Freshwater	1.4 μg/l	0.012 μg/l [2]
	(b) Coastal and Marine Estuarine Waters	1.8 μg/l	0.025 μg/l [2]
8.	Nickel		
	(a) Freshwater	260 μg/l [1,3]	29 μg/l [1,3]
	(b) Coastal and Marine Estuarine Waters	74 μg/l [1]	8.2 μg/l [1]
9.	Selenium		
	(a) Freshwater	--	5.0 μg/l
	(b) Coastal and Marine Estuarine Waters	290μg/l [1]	71 μg/l [1]
10.	Silver	-- [4]	-- [4]
11.	Zinc		
	(a) Freshwate	65 μg/l [1,3]	65 μg/l [1,3]
	(b) Coastal and Marine Estuarine Waters	90 μg/l [1]	81 μg/l [1]
12.	Lindane [Hexachlorocyclohexane (g-BHC-Gamma)]		
	(a) Freshwater	0.95 μg/l	
	(b) Coastal and Marine Estuarine Waters	0.16 μg/l	

[1] The in-stream criterion is expressed in terms of the dissolved fraction in the water column. Conversion factors used to calculate dissolved criteria are found in the EPA document – National Recommended Water Quality Criteria – Correction, EPA 822-Z-99-001, April 1999.
[2] The in-stream criterion is lower than the EPD laboratory detection limits. (A "*" indicates that the criterion may be higher than or lower than EPD laboratory detection limits depending upon the hardness of the water.)
[3] The aquatic life criteria for these metals are expressed as a function of total hardness (mg/l) in a water body. Values in the table above assume a hardness of 50 mg/l CaCO3. For other hardness values, the following equations from the EPA document – National Recommended Water Quality Criteria – Correction, EPA 822-Z-99-001, April 1999 should be used. The minimum hardness allowed for use in these equations shall not be less than 25 mg/l, as calcium carbonate and the maximum shall not be greater than 400 mg/l as calcium carbonate.

Cadmium
acute criteria = $(e^{(1.128[\ln(hardness)] - 3.6867)})(1.136672-[(\ln hardness)(0.041838)]$ μg/l
chronic criteria = $(e^{(0.7852[\ln(hardness)] - 2.715)})(1.101672-[(\ln hardness)(0.041838)]$ μg/l

Chromium III
acute criteria = $(e^{(0.8190[\ln(hardness)] + 3.7256)}(0.316)$ μg/l
chronic criteria = $(e^{(0.8190[\ln(hardness)] + 0.6848)})(0.860)$ μg/l

Copper
acute criteria = $(e^{(0.9422[\ln(hardness)] - 1.700)})(0.96)$ μg/l
chronic criteria = $(e^{(0.8545[\ln(hardness)] - 1.702)})(0.96)$ μg/l

Lead
acute criteria = $(e^{(1.273[\ln(hardness) - 1.460)})(1.46203 - [(\ln hardness)(0.145712)])$ μg/l
chronic criteria = $(e^{(1.273[\ln(hardness) - 4.705)})(1.46203 - [(\ln hardness)(0.145712)])$ μg/l

Nickel
acute criteria = $(e^{(0.8460[\ln(hardness)] + 2.255)})(.998)$ μg/l
chronic criteria = $(e^{(0.8460[\ln(hardness)] + 0.0584)})(.997)$ μg/l

Zinc
acute criteria = $(e^{(0.8473[\ln(hardness)] + 0.884)})(0.978)$ μg/l
chronic criteria = $(e^{(0.8473[\ln(hardness)] + 0.884)})(0.986)$ μg/l

[4] This pollutant is addressed in 391-3-6-.06.

(iii) Instream concentrations of the following chemical constituents listed by the U.S. Environmental Protection Agency as toxic priority pollutants pursuant to Section 307(a)(1) of the Federal Clean Water Act (as amended) shall not exceed criteria indicated below under 7-day, 10-year minimum flow (7Q10) or higher stream flow conditions except within established mixing zones or in accordance with site specific effluent limitations developed in accordance with procedures presented in 391-3-6-.06.

1.	Chlordane	
	(a) Freshwater	0.0043 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.004 μg/l*
2.	Cyanide	
	(a) Freshwater	5.2 μg/l*
	(b) Coastal and Marine Estuarine Waters	1.0 μg/l*
3.	Dieldrin	
	(a) Freshwater	0.056 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.0019 μg/l*
4.	4,4'-DDT	0.001 μg/l*
5.	a-Endosulfan	
	(a) Freshwater	0.056 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.0087 μg/l*
6.	b-Endosulfan	
	(a) Freshwater	0.056 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.0087 μg/l*
7.	Endrin	
	(a) Freshwater	0.036 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.0023 μg/l*
8.	Heptachlor	
	(a) Freshwater	0.0038 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.0036μg/l*
9.	Heptachlor Epoxide	
	(a) Freshwater	0.0038 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.0036 μg/l*
10	Pentachlorophenol	
	(a) Freshwater	2.1 μg/l*
	(b) Coastal and Marine Estuarine Waters	7.9 μg/l*
11.	PCBs	
	(a) Freshwater	0.014 μg/l*
	(b) Coastal and Marine Estuarine Waters	0.03 μg/l*
12.	Phenol	300 μg/l
13.	Toxaphene	0.0002 μg/l*

*The in-stream criterion is lower than the EPD laboratory detection limits.

(iv) Instream concentrations of the following chemical constituents listed by the U. S. Environmental Protection Agency as toxic priority pollutants pursuant to Section 307(a)(1) of the Federal Clean Water Act (as amended) shall not exceed criteria indicated below under annual average or higher stream flow conditions:

1.	Acenaphthene	2700 μg/l
2.	Acenaphthylene	**
3.	Acrolein	780 μg/l
4.	Acrylonitrile	0.66 μg/l
5.	Aldrin	0.00014 μg/l
6.	Anthracene	110000 μg/l
7.	Antimony	4300 μg/l
8.	Arsenic	50 μg/l
9.	Benzidine	0.00054 μg/l
10.	Benzo(a)Anthracene	0.049μg/l
11.	Benzo(a)Pyrene	0.049μg/l
12.	3,4-Benzofluoranthene	0.049μg/l
13.	Benzene	71 μg/l
14.	Benzo(ghi)Perylene	**

15.	Benzo(k)Fluoranthene	0.049μg/l
16.	Beryllium	**
17.	a-BHC-Alpha	0.013 μg/l
18.	b-BHC-Beta	0.046 μg/l
19.	Bis(2-Chloroethyl)Ether	1.4 μg/l
20.	Bis(2-Chloroisopropyl)Ether	170000 μg/l
21.	Bis(2-Ethylhexyl)Phthalate	5.9 μg/l
22.	Bromoform (Tribromomethane)	360 μg/l
23.	Butylbenzyl Phthalate	5200
24.	Carbon Tetrachloride	4.4 μg/l
25.	Chlorobenzene	21000 μg/l
26.	Chlorodibromomethane	34 μg/l
27.	2-Chloroethylvinyl Ether	**
28.	Chlordane	0.0022 μg/l
29.	Chloroform (Trichloromethane)	470 μg/l
30.	2-Chloronaphthalene	4300 μg/l
31.	2-Chlorophenol	400 μg/l
32.	Chrysene	0.049 μg/l
33.	Dibenzo(a,h)Anthracene	0.049 μg/l
34.	Dichlorobromomethane	46 μg/l
35.	1,2-Dichloroethane	99 μg/l
36.	1,1-Dichloroethylene	3.2 μg/l
37	1,2 – Dichloropropane	39 μg/l
38.	1,3-Dichloropropylene	1700 μg/l
39.	2,4-Dichlorophenol	790 μg/l
40.	1,2-Dichlorobenzene	17000 μg/l
41.	1,3-Dichlorobenzene	2600 μg/l
42.	1,4-Dichlorobenzene	2600 μg/l
43.	3,3'-Dichlorobenzidine	0.077 μg/l
44.	4,4'-DDT	0.00059 μg/l
45.	4,4'-DDD	0.00084 μg/l
46.	4,4'-DDE	0.00059 μg/l
47.	Dieldrin	0.00014 μg/l
48.	Diethyl Phthalate	120000 μg/l
49.	Dimethyl Phthalate	2900000 μg/l
50.	2,4-Dimethylphenol	2300 μg/l
51.	2,4-Dinitrophenol	14000 μg/l
52.	Di-n-Butyl Phthalate	12000 μg/l
53.	2,4-Dinitrotoluene	9.1 μg/l
54.	1,2-Diphenylhydrazine	0.54 μg/l
55.	Endrin	0.81 μg/l
56.	Endrin Aldehyde	0.81 μg/l
57.	alpha – Endosulfan	240 μg/l
58.	beta – Endosulfan	240 μg/l
59.	Endosulfan Sulfate	240 μg/l
60.	Ethylbenzene	29000 μg/l
61.	Fluoranthene	370 μg/l
62.	Fluorene	14000 μg/l
63.	Heptachlor	0.00021 μg/l
64.	Heptachlor Epoxide	0.00011 μg/l
65.	Hexachlorobenzene	0.00077 μg/l
66.	Hexachlorobutadiene	50 μg/l
67.	Hexachlorocyclopentadiene	17000 μg/l
68.	Hexachloroethane	8.9 μg/l
69.	Indeno(1,2,3-cd)Pyrene	0.049 μg/l
70.	Isophorone	2600 μg/l
71.	Lindane [Hexachlorocyclohexane (g-BHC-Gamma)]	0.063 μg/l
72.	Methyl Bromide (Bromomethane)	4000 μg/l
73.	Methyl Chloride (Chloromethane)	**

74.	Methylene Chloride	1600 μg/l
75.	2-Methyl-4,6-Dinitrophenol	765 μg/l
76.	3-Methyl-4-Chlorophenol	**
77.	Nitrobenzene	1900 μg/l
78.	N-Nitrosodimethylamine	8.1 μg/l
79.	N-Nitrosodi-n-Propylamine	1.4 μg/l
80.	N-Nitrosodiphenylamine	16 μg/l
81.	PCBs	0.00017 μg/l
82.	Pentachlorophenol	8.2 μg/l
83.	Phenanthrene	**
84.	Phenol	4,600,000 μg/l
85.	Pyrene	11,000 μg/l
86.	1,1,2,2-Tetrachloroethane	11 μg/l
87.	Tetrachloroethylene	8.85 μg/l
88.	Thallium	6.3 μg/l
89.	Toluene	200000 μg/l
90.	Toxaphene	0.00075 μg/l
91.	1,2-Trans-Dichloroethylene	140000
92.	1,1,2-Trichloroethane	42 μg/l
93.	Trichloroethylene	81 μg/l
94.	2,4,6-Trichlorophenol	6.5 μg/l
95.	1,2,4-Trichlorobenzene	940 μg/l
96.	Vinyl Chloride	525 μg/l

**These pollutants are addressed in 391-3-6-.06.

(v) Site specific criteria for the following chemical constituents will be developed on an as-needed basis through toxic pollutant monitoring efforts at new or existing discharges that are suspected to be a source of the pollutant at levels sufficient to interfere with designated uses:

1. Asbestos

(vi) Instream concentrations of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) must not exceed 0.0000012 μg/l under long-term average stream flow conditions.

(f) Applicable state and federal requirements and regulations for the discharge of radioactive substances shall be met at all times.

NPDES Permits for Discharges in the Altamaha River Basin

FACILITY NAME	NPDES #	PERMITTED FLOW (MGD)	MAJOR	COUNTY	RECEIVING STREAM
ALTAMAHA MHP BAXLEY	GA0023442	0.013		APPLING	BAY CR
CATOS MHP LYONS	GAPID1000	0.013		TOOMBS	WILLIAMS CR
DOC ROGERS CORRECT INST	GA0022900	0.85		TATTNALL	OHOOPEE RV
GEORGIA POWER HATCH	GA0004120	43.4		APPLING	ALTAMAHA RV
GLENNVILLE	GA0037982	2	Y	TATTNALL	BRICKYARD BR
GLENNVILLE	GA0031836	0.88		TATTNALL	BRICKYARD BR
JESUP WPCP	GA0026000	2.5	Y	WAYNE	ALTAMAHA RV
JOHNSON COUNTY NURSING HOME	GAPID1000	0.007		JOHNSON	PENDLETON CR
LUDOWICI WPCP	GA0049166	0.24		LONG	JONES CR SWAMP TRIB
LYONS NORTH WPCP #2	GA0033391	0.67		TOOMBS	SWIFT CR
LYONS POND #1	GA0033405	0.67		TOOMBS	PENDLETON CR
RAYONIER INC JESUP	GA0003620	67	Y	WAYNE	ALTAMAHA RV
ROGERS STATE PRISON	GA0038237			TATTNALL	
SANTA CLAUS POND	GA0050059	0.01		TOOMBS	ROCKY CR-OHOOPEE RV
SWAINSBORO WPCP	GA0020346	3	Y	EMANUEL	CROOKED CR
TENNILLE POND	GA0049956	0.45		WASHINGTON	DYERS CR-OHOOPEE RV

FACILITY NAME	NPDES #	PERMITTED FLOW (MGD)	MAJOR	COUNTY	RECEIVING STREAM
THOMAS AND BETTS CORPORATION	GA0002186			TOOMBS	LITTLE ROCKY CR
VIDALIA WPCP	GA0025488	1.88	Y	TOOMBS	SWIFT CR
WRIGHTSVILLE POND	GA0032395	0.745		JOHNSON	BIG CEDAR CREEK TRIB

Appendix D

Support of Designated Uses for Rivers, Streams, and Lakes in the Altamaha River Basin, 2000-2002

Table Codes D-2
Rivers/Streams Supporting Designated Uses D-3
Rivers/Streams Partially Supporting Designated Uses D-4
Rivers/Streams Not Supporting Designated Uses D-6
Lakes/Reservoirs Not Fully Supporting Designated Uses D-9

Data Source Codes

State Agencies
1 DNR-EPD, Watershed Planning & Monitoring Program
2 DNR-EPD, Permitting Comp. & Enf. Program (Municipal)
3 DNR-EPD, Permitting Comp. & Enf. Program (Industrial)
4 DNR, Wildlife Resources Division
5 DNR, Coastal Resources Division
6 State University of West Georgia
7 Gainesville College
8 Georgia Institute of Technology

Federal Agencies
9 U.S. Environmental Protection Agency
10 U.S. Geological Survey
11 U.S. Army Corps of Engineers
12 U.S. Forest Service
13 Tennessee Valley Authority

Local Agencies
14 Cobb County
15 Dekalb County
16 Douglas County Water & Sewer Authority
17 Fulton County
18 Gwinnett County
19 City of Clayton
20 City of Gainesville
21 City of LaGrange
22 Georgia Mountains R.D.C.
23 City of Conyers

Contracted Clean Lakes Studies
24 Lake Allatoona (Kennesaw State University)
25 Lake Blackshear (Lake Blackshear Watershed Assoc.)
26 Lake Lanier (University of Georgia)
27 West Point (LaGrange College/Auburn University)

Other
28 Georgia Power Company
29 Oglethorpe Power Company
30 South Carolina Electric & Gas Company
31 South Carolina DHEC
32 Jones Ecological Research Center
33 Alabama DEM
34 City of College Park
35 Kennesaw State University
36 University of Georgia
37 Columbus Water Works
38 Columbus Unified Government
39 St. Johns River Water Mgmt. District
40 Town of Trion
41 Cherokee County
42 Clayton County Water Authority
43 City of Atlanta
44 City of Cartersville
45 Georgia Ports Authority

Criterion Violated Codes

As	Arsenic
Bio	Biota Impacted
Cd	Cadmium
CFB	Commercial Fishing Ban
CN	Cyanide
Cr	Chromium
Cu	Copper
DO	Dissolved Oxygen
FC	Fecal Coliform Bacteria
FCG	Fish Consumption Guidance
Hg	Mercury
Ni	Nickel
Pb	Lead
SB	Shellfishing Ban
Se	Selenium
Temp	Temperature
Tox	Toxicity Indicated
Zn	Zinc

Potential Cause Codes

CSO	Combined Sewer Overflow
I1	Industrial Facility
I2	Residual from Industrial Source
M	Municipal Facility
MA	Marina
NAT	Natural
NP	Nonpoint Sources/Unknown Sources
SB	Shellfish Ban
UR	Urban Runoff/Urban Effects

Rivers/Streams Supporting Designated Uses

Basin/Stream (Data Source)	Location	Water Use Classification	Miles
ALTAMAHA RIVER BASIN			
HUC 03070106			
Altamaha River (1,9)	Confluence of Oconee and Ocmulgee Rivers to Rayonier (Jeff Davis/Appling/Wayne Co.)	Fishing	72
Altamaha River (1,9)	Rayonier to Penholoway Creek (Wayne Co.)	Fishing	20
HUC 03070107			
Pendleton Creek (1)	Swift Creek to Ohoopee River (Toombs Co.)	Fishing	9

Rivers/Streams Partially Supporting Designated Uses

Basin/Stream (Data Source)	Location	Water Use Classification	Criterion Violated	Potential Cause(s)	Actions to Alleviate	Miles	305(b)	303(d)	Priority
ALTAMAHA RIVER BASIN									
HUC 03070106									
Altamaha River (1)	Penholoway Creek to Butler River (Wayne/Glynn/ McIntosh Co.)	Fishing	FC	NP	EPD will address nonpoint sources through a watershed protection strategy.	23	X	X	3
Bullard Creek (4)	~0.25 mi u/s Altamaha Road to Altamaha River (Jeff Davis Co.)	Fishing	Bio	NP	EPD will address nonpoint sources through a watershed protection strategy.	8	X	X	3
Five Mile Creek (4)	Headwaters to Altamaha River (Appling/Wayne Co.)	Fishing	Bio	NP	EPD will address nonpoint sources through a watershed protection strategy.	9	X	X	3
Goose Creek (1)	U/S Rd. S1922 (Walton Griffis Rd.) to Little Goose Creek (Wayne Co.)	Fishing	FC	UR	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	8	X	3	3
HUC 03070107									
Little Ohoopee River (1)	Sardis Creek to Ohoopee River (Emanuel Co.)	Fishing	FC, DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	18	X	3	2
Ohoopee River (1)	Neels Creek to Little Ohoopee River (Johnson/ Emanuel Co.)	Fishing	DO, FC, FCG	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution. Fish Consumption Guidelines due to mercury in fish tissue.	18	X	3	2
Ohoopee River (1)	Little Ohoopee River to U.S. Highway 292 (Emanuel/Candler/ Tattnall Co.)	Fishing	DO, FC, FCG	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution. Fish Consumption Guidelines due to mercury in fish tissue.	23	X	3	2

Rivers/Streams Partially Supporting Designated Uses

Basin/Stream (Data Source)	Location	Water Use Classification	Criterion Violated	Potential Cause(s)	Actions to Alleviate	Miles	305(b)	303(d)	Priority
ALTAMAHA RIVER BASIN									
Ohoopee River (1,9)	Hwy 292 to Hwy 147 (Tattnall Co.)	Fishing	FCG	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution. Fish Consumption Guidelines due to mercury in fish tissue.	12	X	3	3
Ohoopee River (1,9)	Ga. Hwy 147 to Confluence with Altamaha River (Tattnall Co.)	Fishing	FCG	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution. Fish Consumption Guidelines due to mercury in fish tissue.	13	X	3	3
Pendleton Creek (1)	Sand Hill Lake to Reedy Creek (Treutlen Co.)	Fishing	DO, FC	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	7	X	3	2
Pendleton Creek (1)	Wildwood Lake to Tiger Creek (Treutlen/ Toombs Co.)	Fishing	DO, FC	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	12	X	3	2
Thomas Creek (1)	D/S CR203 to Ohoopee River (Tattnall Co.)	Fishing	DO	UR	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	12	X	3	2

Rivers/Streams Not Supporting Designated Uses

Basin/Stream (Data Source)	Location	Water Use Classification	Criterion Violated	Potential Cause(s)	Actions to Alleviate	Miles	305(b)	303(d)	Priority
ALTAMAHA RIVER BASIN									
HUC 03070106									
Alex Creek (1)	Mason Cowpen Branch to Altamaha River (Wayne Co.)	Fishing	DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	3	X	3	2
Beards Creek (1)	Spring Branch to Altamaha River (Tattnall Co.)	Fishing	FC	M	Glennville WPCP currently upgrading to a constructed wetlands system due to be complete by 5/02.	11	X	2	1
Cobb Creek (1)	Oconee Creek to Altamaha River (Toombs Co.)	Fishing	DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	13	X	3	2
Doctors Creek (1)	U/S Jones Creek (Long Co.)	Fishing	DO, FC	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	5	X	3	2
Jones Creek (1)	Still Creek to Doctors Creek (Long Co.)	Fishing	DO	UR	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	11	X	3	2
Milligan Creek (1)	Uvalda to Altamaha River (Montgomery/ Toombs Co.)	Fishing	FC, DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	11	X	3	2
Oconee Creek (1)	Headwaters to Cobb Creek (Montgomery/ Toombs Co.)	Fishing	FC, DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	11	X	3	2
Penholoway Creek (1,10)	Little Creek to Altamaha River (Wayne Co.)	Fishing	DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	13	X	3	2

Rivers/Streams Not Supporting Designated Uses

Basin/Stream (Data Source)	Location	Water Use Classification	Criterion Violated	Potential Cause(s)	Actions to Alleviate	Miles	305(b)	303(d)	Priority
ALTAMAHA RIVER BASIN									
Ten Mile Creek (1)	Little Ten Mile Creek to Altamaha River (Appling Co.)	Fishing	DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	13	X	3	2
HUC 03070107									
Big Cedar Creek (1)	Little Cedar Creek to Ohoopee River (Johnson Co.)	Fishing	DO, FC	M,NP	Wrightsville Pond WPCP will be addressed through EPD's Basin Planning Permitting Strategy. Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	3	X	3	2
Jacks Creek (1,4)	U.S. Hwy. 1 to Ohoopee River (Emanuel Co.)	Fishing	DO, FC, Bio	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution. EPD will address nonpoint sources through a watershed protection strategy.	9	X	3, 3, X	2
Little Ohoopee River (1)	Gully Branch to Neeley Creek (Washington Co.)	Fishing	DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	14	X	3	2
Little Ohoopee River (1)	Neeley Creek to Sardis Creek (Johnson Co.)	Fishing	DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	15	X	3	2
Ohoopee River (1)	Dyers Creek to Big Cedar Creek (Washington/ Johnson Co.)	Fishing	FC	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	15	X	3	3
Rocky Creek (1)	Ga. Hwy. 130 to Little Rocky Creek (Toombs Co.)	Fishing	FC, DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	10	X	3	2

Rivers/Streams Not Supporting Designated Uses

Basin/Stream (Data Source)	Location	Water Use Classification	Criterion Violated	Potential Cause(s)	Actions to Alleviate	Miles	305(b)	303(d)	Priority
ALTAMAHA RIVER BASIN									
Rocky Creek (1)	Little Rocky Creek to Ohoopee River (Toombs/ Tattnall Co.)	Fishing	DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	11	X	3	2
Swift Creek (1)	Old Normantown Rd. to Pendleton Creek (Toombs Co.)	Fishing	FC, DO	M, UR	Lyons North WPCP in compliance with NPDES permit requirements. Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	5	X	3	2
Tiger Creek (1)	Little Creek to Pendleton Creek (Montgomery/ Toombs Co.)	Fishing	FC, DO	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	16	X	3	2
Yam Grandy Creek (1)	D/S Crooked Creek (Emanuel Co.)	Fishing	DO, FC	NP	Impairment will be addressed by implementing a locally developed plan that includes the remedial actions necessary for problem resolution.	3	X	3	2

Lakes/Reservoirs Not Fully Supporting Designated Uses

Lake Name (Data Source)	Location	Basin	Support Category	Water Use Classification	Criterion Violated	Potential Cause(s)	Acres Affected	305(b)	303(d)	Priority
Treutlen County PFA (Sand Hill Lake) (1)	Treutlen County	Altamaha	Partial Support	Fishing	FCG (Hg)	NP	166	X	4	3

All Estuarine Waters Support Designated Uses