

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 | 3. Chlordane* | |
| 2. Methoxychlor* | 0.03 µg/l | (a) Freshwater | 0.0043 µg/l |
| 3. 2,4,5-Trichlorophenoxy propionic acid (TP Silvex) | 50 µg/l | (b) Coastal and Marine Estuarine Waters | 0.004 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 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. | | 4. Chromium (VI) | |
| 1. Arsenic | | (a) Freshwater | 11 µg/l |
| (a) Freshwater | 50 µg/l | (b) Coastal and Marine Estuarine Waters | 50 µg/l |
| (b) Coastal and Marine Estuarine Waters | 36 µg/l | 5. Total Chromium | |
| 2. Cadmium | | (at hardness levels less than 100 mg/l) | 120 µg/l |
| (a) Freshwater | 0.7 µg/l* | (at hardness levels of 100 mg/l to 199 mg/l) | 210 µg/l |
| (at hardness levels less than 100 mg/l) | | (at hardness levels greater than or equal to 200 mg/l) | 370 µg/l |
| (at hardness levels of 100 mg/l to 199 mg/l) | 1.1 µg/l* | Note: Total hardness expressed as CaCO ₃ . | |
| (at hardness levels greater than or equal to 200 mg/l) | 2.0 µg/l* | 6. Copper | |
| Note: Total hardness expressed as CaCO ₃ . | | (a) Freshwater | |
| (b) Coastal and Marine Waters | 9.3 µg/l | (at hardness levels less than 100 mg/l) | 6.5 µg/l* |
| | | (at hardness levels of 100 mg/l to 199 mg/l) | 12 µg/l |
| | | (at hardness levels greater than or equal to 200 mg/l) | 21 µg/l |
| | | Note: Total hardness expressed as CaCO ₃ . | |
| | | (b) Coastal and Marine Estuarine Waters | 2.9 µg/l* |
| | | 7. Cyanide* | |
| | | (a) Freshwater | 5.2 µg/l |
| | | (b) Coastal and Marine Estuarine Waters | 1.0 µg/l |
| | | 8. Dieldrin* | 0.0019 µg/l |

| | | | |
|--|-------------|--|---------------|
| 9. 4,4'-DDT* | 0.001 µg/l | 22. PCB-1232 | 0.014 µg/l |
| 10. a-Endosulfan* | | 23. PCB-1242 | 0.014 µg/l |
| (a) Freshwater | 0.056 µg/l | 24. PCB-1248 | 0.014 µg/l |
| (b) Coastal and Marine Estuarine Waters | 0.0087 µg/l | 25. PCB-1254 | 0.014 µg/l |
| 11. b-Endosulfan* | | 26. PCB-1260 | 0.014 µg/l |
| (a) Freshwater | 0.056 µg/l | 27. Phenol | 300 µg/l |
| (b) Coastal and Marine Estuarine Waters | 0.0087 µg/l | 28. Selenium | |
| 12. Endrin* | 0.002 µg/l | (a) Freshwater | 5.0 µg/l |
| 13. Heptachlor* | | (b) Coastal and Marine Estuarine Waters | 71 µg/l |
| (a) Freshwater | 0.0038 µg/l | 29. Silver | ** |
| (b) Coastal and Marine Estuarine Waters | 0.0036 µg/l | 30. Toxaphene | 0.0002 µg/l |
| 14. Heptachlor Epoxide* | | 31. Zinc | |
| (a) Freshwater | 0.0038 µg/l | (a) Freshwater | |
| (b) Coastal and Marine Estuarine Waters | 0.0036 µg/l | (at hardness levels less than 100 mg/l) | 60 µg/l |
| 15. Lead* | | (at hardness levels of 100 mg/l to 199 mg/l) | 110 µg/l |
| (a) Freshwater | | (at hardness levels greater than or equal to 200 mg/l) | 190 µg/l |
| (at hardness levels less than 100 mg/l) | 1.3 µg/l | Note: Total hardness expressed as CaCO ₃ . | |
| (at hardness levels of 100 mg/l to 199 mg/l) | 3.2 µg/l | (b) Coastal and Marine Estuarine Waters | 86 µg/l |
| (at hardness levels greater than or equal to 200 mg/l) | 7.7 µg/l | Notes: | |
| Note: Total hardness expressed as CaCO ₃ . | | * The in-stream criterion is lower than the EPD laboratory detection limits. | |
| (b) Coastal and Marine Estuarine Waters | 5.6 µg/l | ** Numeric limits are not specified. This pollutant is addressed in 391-3-6-.06. | |
| 16. Lindane [Hexachlorocyclohexane (g-BHC-Gamma)] | 0.08 µg/l | 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 annual average or higher stream flow conditions: | |
| 17. Mercury* | | 1. Acenaphthene | ** |
| (a) Freshwater | 0.012 µg/l | 2. Acenaphthylene | ** |
| (b) Coastal and Marine Estuarine Waters | 0.025 µg/l | 3. Acrolein | 780 µg/l |
| 18. Nickel | | 4. Acrylonitrile | 0.665 µg/l |
| (a) Freshwater | | 5. Aldrin | 0.000136 µg/l |
| (at hardness levels less than 100 mg/l) | 88 µg/l | 6. Anthracene | 110000 µg/l |
| (at hardness levels of 100 mg/l to 199 mg/l) | 160 µg/l | 7. Antimony | 4308 µg/l |
| (at hardness levels greater than or equal to 200 mg/l) | 280 µg/l | 8. Arsenic | 0.14 µg/l |
| Note: Total hardness expressed as CaCO ₃ . | | 9. Benzidine | 0.000535 µg/l |
| (b) Coastal and Marine Estuarine Waters | 8.3 µg/l | 10. Benzo(a)Anthracene | 0.0311 µg/l |
| 19. Pentachlorophenol* | | 11. Benzo(a)Pyrene | 0.0311 µg/l |
| (a) Freshwater | 2.1 µg/l | 12. 3,4-Benzofluoranthene | 0.0311 µg/l |
| (b) Coastal and Marine Estuarine Waters | 7.9 µg/l | 13. Benzene | 71.28 µg/l |
| 20. PCB-1016 | 0.014 µg/l | 14. Benzo(ghi)Perylene | ** |
| 21. PCB-1221 | 0.014 µg/l | | |

| | | | |
|-----------------------------------|---------------|---|--|
| 15. Benzo(k)Fluoranthene | 0.0311 µg/l | 58. Heptachlor | 0.000214 µg/l |
| 16. Beryllium | ** | 59. Heptachlor Epoxide | 0.00011 µg/l |
| 17. a-BHC-Alpha | 0.0131 µg/l | 60. Hexachlorobenzene | 0.00077 µg/l |
| 18. b-BHC-Beta | 0.046 µg/l | 61. Hexachlorobutadiene | 49.7 µg/l |
| 19. Bis(2-Chloroethyl)Ethe | 1.42 µg/l | 62. Hexachlorocyclopentadiene | 17000 µg/l |
| 20. Bis(2-Chloroisopropyl)Ether | 170000 µg/l | 63. Hexachloroethane | 8.85 µg/l |
| 21. Bis(2-Ethylhexyl)Phthalate | 5.92 µg/l | 64. Indeno(1,2,3-cd)Pyrene | 0.0311 µg/l |
| 22. Bromoform (Tribromomethane) | 360 µg/l | 65. Isophorone | 600 µg/l |
| 23. Carbon Tetrachloride | 4.42 µg/l | 66. Lindane [Hexachlorocyclohexane g-BHC-Gamma] | 0.0625 µg/l |
| 24. Chlorobenzene | 21000 µg/l | 67. Methyl Bromide (Bromomethane) | 4000 µg/l |
| 25. Chlorodibromomethane | 34 µg/l | 68. Methyl Chloride (Chloromethane) | ** |
| 26. 2-Chloroethylvinyl Ether | ** | 69. Methylene Chloride | H |
| 27. Chlordane | 0.000588 µg/l | 70. 2-Methyl-4,6-Dinitrophenol | 765 µg/l |
| 28. Chloroform (Trichloromethane) | 470.8 µg/l | 71. 3-Methyl-4-Chlorophenol | ** |
| 29. 2-Chlorophenol | ** | 72. Nitrobenzene | 1900 µg/l |
| 30. Chrysene | 0.0311 µg/l | 73. N-Nitrosodimethylamine | 8.12 µg/l |
| 31. Dibenzo(a,h)Anthracene | 0.0311 µg/l | 74. N-Nitrosodi-n-Propylamine | ** |
| 32. Dichlorobromomethane | 22 µg/l | 75. N-Nitrosodiphenylamine | 16.2 µg/l |
| 33. 1,2-Dichloroethane | 98.6 µg/l | 76. PCB-1016 | 0.00045 µg/l |
| 34. 1,1-Dichloroethylene | 3.2 µg/l | 77. PCB-1221 | 0.00045 µg/l |
| 35. 1,3-Dichloropropylene (Cis) | 1700 µg/l | 78. PCB-1232 | 0.00045 µg/l |
| 36. 1,3-Dichloropropylene (Trans) | 1700 µg/l | 79. PCB-1242 | 0.00045 µg/l |
| 37. 2,4-Dichlorophenol | 790 µg/l | 80. PCB-1248 | 0.00045 µg/l |
| 38. 1,2-Dichlorobenzene | 17000 µg/l | 81. PCB-1254 | 0.00045 µg/l |
| 39. 1,3-Dichlorobenzene | 2600 µg/l | 82. PCB-1260 | 0.00045 µg/l |
| 40. 1,4-Dichlorobenzene | 2600 µg/l | 83. Phenanthrene | ** |
| 41. 3,3'-Dichlorobenzidine | 0.077 µg/l | 84. Phenol | 4,600,000 µg/l |
| 42. 4,4'-DDT | 0.00059 µg/l | 84. Pyrene | 11,000 µg/l |
| 43. 4,4'-DDD | 0.00084 µg/l | 85. 1,1,2,2-Tetrachloroethane | 10.8 µg/l |
| 44. 4,4'-DDE | 0.00059 µg/l | 85. Tetrachloroethylene | 8.85 µg/l |
| 45. Dieldrin | 0.000144 µg/l | 87. Thallium | 48 (6.3) µg/l I |
| 46. Diethyl Phthalate | 120000 µg/l | 88. Toluene | 200000 µg/l |
| 47. Dimethyl Phthalate | 2900000 µg/l | 89. 1,2-Trans-Dichloroethylene | ** |
| 48. 2,4-Dimethylphenol | ** | 90. 1,1,2-Trichloroethane | 41.99 µg/l |
| 49. 2,4-Dinitrophenol | 14264 µg/l | 91. Trichloroethylene | 80.7 µg/l |
| 50. Di-n-Butyl Phthalate | 12100 µg/l | 92. 2,4,6-Trichlorophenol | 6.5 µg/l |
| 51. 2,4-Dinitrotoluene | 9.1 µg/l | 93. 1,2,4-Trichlorobenzene | ** |
| 52. 1,2-Diphenylhydrazine | 0.54 µg/l | 94. Vinyl Chloride | 525 µg/l |
| 53. Endrin Aldehyde | 0.81 µg/l | Notes: | |
| 54. Endosulfan Sulfate | 2.0 µg/l | ** | Numeric limits are not specified. These pollutants are addressed in 391-3-6-.06. |
| 55. Ethylbenzene | 28718 µg/l | † | EPD has proposed to the Board of Natural Resources changing numeric limits for methylene chloride from |
| 56. Fluoranthene | 370 µg/l | | |
| 57. Fluorene | 14000 µg/l | | |

- unspecified to 1600 µg/l consistent with EPA's National Toxics Rule.
- ‡ EPD has proposed to the Board of Natural Resources changing numeric limits for thallium from 48 to 6.3 µg/l consistent with EPA's National Toxics Rule.
- IV 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
- V 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.
- (e) Applicable State and Federal requirements and regulations for the discharge of radioactive substances shall be met at all times.

Point Source Control Efforts

Georgia DNR's management has promoted continuing improvement in the quality of return flows from permitted point sources in the basin. During the past twenty-five years, the majority of our municipal wastewater treatment plants were constructed or updated to meet State and/or federally mandated effluent standards. State and federal grants and the citizens of local municipalities funded these projects. This massive construction program has been so successful that over 90% of all these facilities in Georgia are currently meeting their effluent limits. We must protect our investments in these facilities and in the State's water quality.

The history of construction improvements for permitted dischargers within the Suwannee basin is summarized in the following table:

HUC 03110201

| | |
|------|--|
| 1975 | Homerville 0.5 MGD contact stabilization facility constructed for \$315,000. |
| 1981 | Stephen C. Foster State Park 3,000 gpd septic tank/sand filter system constructed. |
| 1997 | Homerville 0.25 constructed wetlands facility constructed for \$500,000. |
| 2000 | Brockway Standard Inc. discharge eliminated for \$200,000. |

HUC 03110202

| | |
|------|--|
| 1962 | Brown's Wastewater System constructed a pond for \$10,000. |
| 1965 | Brown's Wastewater System constructed a second pond for \$15,000. |
| 1979 | Valdosta Mud Creek Water Pollution Control Plant, a 2.1 MGD with complete mix activated sludge and mixed media filtration constructed for \$4,550,000. |
| 1985 | Fitzgerald's C.A. Newcomer, Jr. 6 MGD modified extended aeration activated sludge wastewater treatment facility started operation for \$4,000,000. |
| 1988 | Valdosta Mud Creek Water Pollution Control Plant expanded to 3.2 MGD for \$1,671,000. |
| 1990 | Ashburn 1.16 MGD aerated lagoon and sand filter wastewater facility constructed for \$2,000,000. |
| 1996 | Eaton Aeroquip Corporation installed a process water recirculation and filtration system for \$163,805. |
| 1996 | Fitzgerald's C.A. Newcomer, Jr. Wastewater Treatment Facility upgraded with dechlorination facilities for \$30,000. |
| 1998 | Brown's Wastewater System constructed a third pond for \$25,000. |
| 1998 | Eaton Aeroquip Corporation discharge eliminated. |

2001 Ashburn constructing a replacement 1.16 MGD facility consisting of sequencing batch reactors for \$2,600,000.

HUC 03110203

1962 Adel built a 30 acre oxidation pond.

1966 Tifton Aluminum Company settling pond constructed.

1969 Tifton Aluminum Company began anodize operations and added two treatment ponds and pH neutralization.

1970 Sparks installed a 0.23 MGD activated sludge package plant.

1978 Adel added sand filter treatment to the pond.

1980 Valdosta Withlacoochee River Water Pollution Control Plant, a 4 MGD advanced activated sludge facility with mixed media filtration constructed for \$9,600,000.

1981 Tifton Regional Wastewater Treatment Complex using activated sludge process and sand filters constructed for \$8,000,000.

1986 Tifton Aluminum Company added two separate treatment systems. Anodize: equalization basin, neutralization, clarifier, sludge concentrator and filter press. Paint: equalization, neutralization, lamella settling, sludge concentrator, filter press and sludge dryer. These facilities cost \$985,000.

1988 Valdosta Withlacoochee River Water Pollution Control Plant expanded to 8 MGD (dry weather) and 12 MGD (wet weather) discharge at a cost of \$5,219,000.

1988 Adel eliminated the sand filters and added an aerated lagoon and land application system. The City has a hydro graph controlled release during wet weather.

1992 Nashville constructed a land application system for \$4,000,000.

2001 Brooks County Sausage Company constructed a pretreatment facility that discharges to the Quitman sewerage system for \$250,000.

2001 Sparks constructed a 0.5 MGD sequencing batch reactor facility for \$2,100,000.

HUC 03110204

1962 Hahira 0.133 MGD oxidation pond constructed.

1965 Days Inn/Shady Oaks in Valdosta constructed an oxidation pond.

1970 Norman Park wastewater treatment pond constructed for \$295,700.

1971 Ty Ty wastewater pond constructed.

1991 Hahira constructed a land application system to replace the oxidation pond for \$1,300,000.

2001 Hahira built a two cell constructed wetlands treatment system for \$1,500,000.

NPDES Permits for Discharges in the Suwannee River Basin

| FACILITY NAME | NPDES # | PERMITTED FLOW (MGD) | MAJOR | COUNTY | RECEIVING STREAM |
|--------------------------|-----------|----------------------|-------|----------|------------------|
| ADEL WPCP | GA0024911 | 0.95 | Y | COOK | MUN |
| AEROQUIP CORPORATION | GA0046604 | | | BEN HILL | IND |
| ALAPAHA POND | GA0033596 | 0.1 | | BERRIEN | MUN |
| AMOCO FABRICS NASHVILLE | GA0000132 | | | BERRIEN | IND |
| ASHBURN | GA0025852 | 1.16 | Y | TURNER | MUN |
| BROCKWAY STANDARD INC | GA0032921 | 0.421 | | CLINCH | IND |
| BROWN'S WASTEWATER | GA0023027 | 0.02 | | TURNER | PID |
| CUSTOM PROFILES INC | GA0037842 | 0.05 | | BEN HILL | IND |
| DAYS INN/SHADY OAKS | GA0048909 | 0.03 | | LOWNDES | PID |
| DNR STEPHEN C FOSTER | GA0049581 | 0.003 | | CHARLTON | MUN |
| DREXEL CHEMICAL COMPANY | GA0047686 | 0.024 | | CRISP | IND |
| EAST CENTRAL TECH INST | GA0022101 | | | BEN HILL | PID |
| FITZGERALD C.A. NEWCOMER | GA0047236 | 6 | Y | BEN HILL | MUN |
| HAHIRA | GA0037974 | 0.275 | | LOWNDES | MUN |
| HOMERVILLE IND PARK | GA0037460 | 0.25 | | CLINCH | MUN |
| HOMERVILLE WPCP | GA0031828 | 0.5 | | CLINCH | MUN |
| KNIGHTS INN | GA0023370 | 0.014 | | TURNER | PID |
| LAKELAND POND | GA0021296 | 0.2 | | LANIER | MUN |

| FACILITY NAME | NPDES # | PERMITTED FLOW (MGD) | MAJOR | COUNTY | RECEIVING STREAM |
|-------------------------|-----------|----------------------|-------|----------|------------------|
| LANGBOARD INC | GA0037745 | 0.1 | | ATKINSON | IND |
| LENOX POND | GA0031950 | 0.17 | | COOK | MUN |
| MAGNOLIA PLANTATION | GA0033928 | 0.005 | | TIFT | PID |
| MOULTRIE SPENCE FIELD | GA0025879 | 0.2 | | COLQUITT | MUN |
| NORMAN PARK WPCP | GA0033600 | 0.2 | | COLQUITT | MUN |
| OKEFENOKEE SWAMP PARK | GA0049492 | 0.013 | | WARE | PID |
| PINERIDGE | GA0030104 | 0.1 | | LOWNDES | PID |
| PREMIUM PORK INC | GA0000175 | | | COLQUITT | IND |
| PRODUCTION ANODIZING #1 | GA0000108 | 0.075 | | COOK | IND |
| RAY CITY POND | GA0033553 | 0.1 | | BERRIEN | MUN |
| RED CARPET INN CHULA | GA0024465 | 0.016 | | TIFT | PID |
| RED CARPET INN SPARKS | GA0034738 | 0.015 | | COOK | PID |
| ROCHELLE NORTHWEST | GA0024244 | 0.11 | | WILCOX | MUN |
| ROCHELLE SOUTHEAST | GA0024236 | 0.04 | | WILCOX | MUN |
| SHERRIFFS BOY'S RANCH | GA0047228 | 0.025 | | LOWNDES | PID |
| SPARKS WPCP | GA0021563 | 0.23 | | COOK | MUN |
| TIFTON ALUMUNUM CO | GA0000124 | | Y | TIFT | IND |
| TIFTON NEW RIVER WPCP | GA0048470 | 8 | Y | TIFT | MUN |
| TY TY POND | GA0025500 | 0.078 | | TIFT | MUN |
| UNION CAMP VALDOSTA | GA0000205 | 0.63 | | LOWNDES | IND |
| USAF MOODY AFB | GA0020001 | 0.75 | | LOWNDES | FED |
| VALDOSTA MUD CR | GA0020222 | 3.22 | Y | LOWNDES | MUN |
| VALDOSTA STATE COLLEGE | GA0046281 | | | LOWNDES | IND |
| VALDOSTA WITHLACOOCHEE | GA0033235 | 12 | Y | LOWNDES | MUN |

Support of Designated Uses for Rivers, Streams, and Lakes in the Suwannee River Basin, 1998-1999

Rivers/Streams Supporting Designated Uses

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | MILES |
|-------------------------------|--|-----------------------------|-------|
| SUWANNEE RIVER BASIN | | | |
| HUC 03110202 | | | |
| Grand Bay Creek (1) | Grand Bay to Alapahoochee River (Lanier/Lowndes Co.) | Fishing | 18 |
| Hat Creek (1) | SR S1989 S.E. of Sycamore to Middle Creek (Turner/Tift/Irwin Co.) | Fishing | 13 |
| Rough Creek (1) | U/S Alapaha River near Tifton (Tift Co.) | Fishing | 4 |
| HUC 03110203 | | | |
| Bear Creek (1,3) | U/S Giddons Mill Cr. to d/s Ga. Hwy. 37/76, Adel (Cook Co.) | Fishing | 3 |
| Gum Creek (2) | Headwaters to New River, Tifton (Tift Co.) | Fishing | 5 |
| HUC 03110204 | | | |
| Heard Creek (10) | Headwaters to Little River, near Tifton (Tift Co.) | Fishing | 5 |
| Horse Creek (1) | Headwaters near Sylvester to Warrior Cr. (Worth Co.) | Fishing | 13 |
| Little River (1) | Wells Mill Cr. to Slaughter Creek (Brooks Co.) | Fishing | 16 |
| Warrior Creek (10) | Briar Creek to Horse Creek (Worth Co.) | Fishing | 3 |

Rivers/Streams Partially Supporting Designated Uses

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | CRITERION VIOLATED | EVALUATED CAUSE(S) | ACTIONS TO ALLEVIATE | MILES | 305(b) | 303(d) | Priority |
|-------------------------------|--|-----------------------------|-----------------------|-----------------------|---|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| HUC 03110201 | | | | | | | | | |
| Suwannee Canal (1) | Okefenokee Swamp (Charlton/Ware Co.) | Fishing | FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 27 | X | 3* | |
| Suwannee River (1,10) | Mainstem-Suwannee Canal to Stateline (Charlton/Ware/Clinch/Echols Co.) | Fishing | FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 40 | X | 3 | |
| HUC 03110202 | | | | | | | | | |
| Alapaha River (1) | Sand Creek to U.S. Hwy. 129/Ga. Hwy. 11 (Irwin/Tift/Berrien Co.) | Fishing | DO,FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 16 | X | 3 | |
| Alapaha River (1) | U.S. Hwy. 129/Ga. Hwy. 11 to Stateline (Berrien/Atkinson/Lanier/Lowndes/Echols Co.) | Fishing | FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 102 | X | 3 | |
| Alapahoochee River (1) | Confluence of Mud and Grand Bay Cr. to Stateline (Echols Co.) | Fishing | FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 11 | X | 3 | |
| Big Creek (1) | SR107 to Alapaha River near Irwinville (Irwin Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 9 | X | 3 | |
| Cow Creek (1) | Headwaters to Alapaha River (Clinch/Lanier/Echols Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 14 | X | 3 | |
| Deep Creek (1) | W. Fork Deep Cr. to Lake Cr., E. of Ashburn (Turner Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 9 | X | 3 | |

*Note: The "3" in the 303(d) column denotes the fact that a TMDL has been completed for each pollutant and the segment is no longer on the Georgia 303(d) list.

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | CRITERION VIOLATED | EVALUATED CAUSE(S) | ACTIONS TO ALLEVIATE | MILES | 305(b) | 303(d) | Priority |
|-------------------------------|---|-----------------------------|-----------------------|-----------------------|---|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| Little Brushy Creek (1) | Stump Cr. to Reedy Cr. S. of Ocilla (Irwin Co.) | Fishing | DO,FC | NP | EPD will address nonpoint sources through a watershed protection strategy. | 4 | X | 3 | |
| Reedy Creek (1) | Little Creek (upstream U.S. Hwy. 319/SR 35) to Little Brushy Cr., S. of Ocilla (Irwin Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 10 | X | 3 | |
| Sand Creek (1) | Headwaters E. of Sycamore to Alapaha River (Turner/Irwin Co.) | Fishing | DO,FC | NP | EPD will address nonpoint sources through a watershed protection strategy. | 14 | X | 3 | |
| Willacoochee River (1) | Turkey Branch, upstream SR90/U.S. Hwy. 319 N. of Ocilla to SR 90, S.E. of Ocilla (Irwin Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 13 | X | 3 | |
| Willacoochee River (1) | SR 158 to Alapaha River (Berrien Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 11 | X | 3 | |
| HUC 03110203 | | | | | | | | | |
| Bear Creek (1) | City of Adel Lake to Withlacoochee River (Cook Co.) | Fishing | DO,FC | M | WPCP is a LAS with a hydrograph controlled release. Engineers are working on replacement sprinklers due to high water table in the LAS area including Bear Creek. | 4 | X | 3 | |
| Giddens Mills Creek (1,3) | U/S U.S. Hwy. 41/SR 7 to Bear Cr., Adel (Cook Co.) | Fishing | DO | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 1 | X | 3 | |
| Hardy Mill Creek (1) | U.S. Hwy. 319, S. of Tifton to Withlacoochee River (Tift/Berrien Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 17 | X | 3 | |
| Negro Branch (1) | Headwaters to Piscola Cr., Quitman (Brooks Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 9 | X | 3 | |
| New River (1) | Reedy Cr. to Gum Branch near Lenox (Cook Co.) | Fishing | DO,FC | NP | EPD will address nonpoint sources through a watershed protection strategy. | 7 | X | 3 | |
| New River (1) | Brushy Cr. to Withlacoochee River, E. of Sparks (Berrien/Cook Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 4 | X | 3 | |

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | CRITERION VIOLATED | EVALUATED CAUSE(S) | ACTIONS TO ALLEVIATE | MILES | 305(b) | 303(d) | Priority |
|---|--|-----------------------------|-----------------------|-----------------------|---|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| Okapilco Creek (1) | Upstream SR S1540 to U.S. Hwy. 319, Moultrie (Colquitt Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 10 | X | 3 | |
| Okapilco Creek (1) | SR 37 to Hog Cr., S. of Moultrie (Colquitt Co.) | Fishing | DO | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 10 | X | 3 | |
| Okapilco Creek (1) | SR 76, Quitman to Withlacoochee River (Brooks Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 5 | X | 3 | |
| Southside Branch (2) | Tributary to New River, Tifton (Tift Co.) | Fishing | FC | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 1 | X | 3 | |
| Tributary to Withlacoochee River (1) | Upstream Morris Pond, Nashville (Berrien Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 2 | X | 3 | |
| Withlacoochee River (1) | New River to Bay Branch (Cook/Berrien/Lowndes Co.) | Fishing | FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 23 | X | 3 | |
| Withlacoochee River (1) | Bay Branch to Little River (Lowndes Co.) | Fishing | FC,FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 9 | X | 3 | |
| Withlacoochee River (1) | Little River to Stateline (Lowndes/Brooks Co.) | Fishing | FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines due to mercury in fish tissue. | 33 | X | 3 | |
| HUC 03110204 | | | | | | | | | |
| Franks Creek (1,2) | St. Rt. S1780 to Little River near Hahira (Lowndes Co.) | Fishing | DO,FC | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 9 | X | 3 | |
| Horse Creek (1) | Headwaters near Sylvester to Warrior Cr. (Worth Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 13 | X | 3 | |
| Little River (10) | Ashburn Branch, W. of Sycamore to Warrior Cr. (Turner/Tift/Colquitt Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 41 | X | 3 | |

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | CRITERION VIOLATED | EVALUATED CAUSE(S) | ACTIONS TO ALLEVIATE | MILES | 305(b) | 303(d) | Priority |
|-------------------------------|---|-----------------------------|-----------------------|-----------------------|--|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| Morrison Creek (1,3) | Adel | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 2 | X | 3 | |
| Town Creek (10) | Headwaters to Warrior Cr. near Sylvester (Worth Co.) | Fishing | DO | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 9 | X | 3 | |
| Ty Ty Creek (1) | Little Cr. near Ty Ty to Tucker Cr. near Omega (Worth/Tift Co.) | Fishing | DO,FC | NP | EPD will address nonpoint sources through a watershed protection strategy. | 10 | X | 3 | |
| Warrior Creek (1) | Horse Cr. to Rock Cr. near Norman Park (Worth/Colquitt Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 10 | X | 3 | |

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 |
|-------------------------------|---|-----------------------------|-----------------------|-----------------------|--|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| HUC 03110201 | | | | | | | | | |
| Cane Creek (1) | Rooty Branch to Okeefenokee Swamp near Homerville (Clinch Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 6 | X | 3 | 2 |
| Greasy Branch (1) | U.S. Hwy. 84/SR38 to Okeefenokee Swamp (Ware Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 10 | X | 3 | 2 |
| Suwannee Creek (1) | Headwaters to Little Suwannee Cr. near Manor (Clinch/Ware Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 16 | X | 3 | 2 |
| Suwannee Creek (1) | Bear Branch to Lees Bay (Clinch Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 30 | X | 3 | 2 |
| Suwannee Creek (1) | Lees Bay to Suwannee River (Clinch Co.) | Fishing | DO,Cd | NP | EPD will address nonpoint sources through a watershed protection strategy. | 11 | X | 3 | 2 |
| Tatum Creek (1) | Tower Rd. to Jones Cr. (Clinch Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 11 | X | 3 | 2 |
| Toms Creek (1) | Headwaters to Stateline (Echols Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 23 | X | 3 | 2 |
| HUC 03110202 | | | | | | | | | |
| Alapaha River (1) | U.S. Hwy. 280 to Sand Creek (Wilcox/BenHill/Turner/Irwi n Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 29 | X | 3 | 2 |
| Double Run Creek (1) | Upstream SR 90 to Alapaha River near Rebecca (Turner Co.) | Fishing | DO,Hg | NP | EPD will address nonpoint sources through a watershed protection strategy. | 5 | X | 3 | 2 |
| Fivemile Creek (1) | Downstream Gaskins Pond to Big Cr. near Nashville (Berrien/Lanier Co.) | Fishing | DO | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 10 | X | 3 | 2 |

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | CRITERION VIOLATED | POTENTIAL CAUSE(S) | ACTIONS TO ALLEVIATE | MILES | 305(b) | 303(d) | Priority |
|--|---|-----------------------------|----------------------------------|-----------------------|---|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| Mill Creek (1) | Reynolds Cr. to Alapaha River (Wilcox Co.) | Fishing | DO | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 3 | X | 3 | 2 |
| Mud Creek (also known as Mud Swamp Creek) (2) | D/S Valdosta Mud Cr. WPCP to Alapahoochee River (Lowndes Co.) | Fishing | FC | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 10 | X | 3 | 3 |
| Tenmile Creek (1) | Averys Millpond to Big Cr. near Nashville (Berrien/Lanier Co.) | Fishing | DO | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 9 | X | 3 | 2 |
| Turkey Branch (2) | Headwaters to Willacoochee River downstream Fitzgerald (Ben Hill Co.) | Fishing | DO,FC,Cd,C u,Pb,Zn,Hg, Tox | M | Fitzgerald WPCP under compliance schedule to meet copper limit by 1/5/2001. A WET limit was placed in the permit with a compliance schedule to meet permit requirements by 6/15/02. | 8 | X | 3 | 2 |
| West Fork Deep Creek (1) | Downstream SR S1798 to downstream SR 159 N. of Ashburn (Turner Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 1 | X | 3 | 2 |
| HUC 03110203 | | | | | | | | | |
| Cat Creek (1) | Beaverdam Cr. downstream SR 37 to Withlacoochee River near Ray City (Berrien/Lowndes Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 8 | X | 3 | 2 |
| Mule Creek (1) | Headwaters to Reedy Cr. near Pavo (Thomas/Brooks Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 8 | X | 3 | 2 |

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | CRITERION VIOLATED | POTENTIAL CAUSE(S) | ACTIONS TO ALLEVIATE | MILES | 305(b) | 303(d) | Priority |
|-------------------------------|---|-----------------------------|-----------------------|-----------------------|--|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| New River (1,2) | Westside Branch to Gum Cr. downstream Tifton (Tift Co.) | Fishing | DO,FC | M,UR | Tifton facility in compliance with permit limits. Model predicts dissolved oxygen violations at low flows. Model calibration study planned. Dissolved Oxygen data collected from trend monitoring station in 1998 complied with water quality standards. EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 5 | X | 3 | 2 |
| Piscola Creek (1) | Downstream Whitlock Branch @ Ozell Road to Okapilco Creek near Boston (Thomas/Brooks Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 25 | X | 3 | 2 |
| Two Mile Branch (2) | Headwaters to Sugar Cr., Valdosta (Lowndes Co.) | Fishing | FC | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 2 | X | 3 | 3 |
| Withlacoochee River (1) | Headwaters (Hardy Mill Creek) to New River (Berrien Co.) | Fishing | DO,FCG | NP | EPD will address nonpoint sources through a watershed protection strategy. Note: Fish consumption guidelines are a partial support and due to mercury in fish tissue. | 17 | X | 3 | 2 |
| HUC 03110204 | | | | | | | | | |
| Bear Creek (1) | Reedy Cr. to Indian Cr. near Berlin (Colquitt Co.) | Fishing | DO | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 7 | X | 3 | 2 |
| Indian Creek (1) | Upstream Little River near Berlin (Colquitt Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 4 | X | 3 | 2 |
| Little River (10) | Newell Branch, d/s Hwy. 32 to Ashburn Branch, W. of Sycamore (Turner Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 4 | X | 3 | 2 |

| BASIN/STREAM (Data Source) | LOCATION | WATER USE CLASSIFICATION | CRITERION VIOLATED | POTENTIAL CAUSE(S) | ACTIONS TO ALLEVIATE | MILES | 305(b) | 303(d) | Priority |
|-------------------------------|--|-----------------------------|-----------------------|-----------------------|--|-------|--------|--------|----------|
| SUWANNEE RIVER BASIN | | | | | | | | | |
| Ty Ty Creek (1) | Tucker Cr. to Warrior Cr. near Omega (Colquitt Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 9 | X | 3 | 2 |
| Warrior Creek (1) | Rock Cr. to Ty Ty Cr. near Norman Park (Colquitt Co.) | Fishing | DO | NP | EPD will address nonpoint sources through a watershed protection strategy. | 8 | X | 3 | 2 |
| Westside Branch (2) | Tributary to Little River, Tifton (Tift Co.) | Fishing | FC | UR | EPD will address nonpoint source (urban runoff) through a watershed protection strategy. | 2 | X | 3 | 3 |

Lakes/Reservoirs Not Fully Supporting Designated Uses

| LAKE NAME | LOCATION | BASIN | SUPPORT CATEGORY | WATER USE CLASSIFICATION | CRITERION VIOLATED | POTENTIAL CAUSE(S) | ACRES AFFECTED | 305(b) | 303(d) | Priority |
|-------------------|------------------|--------------|-------------------------|---------------------------------|---------------------------|---------------------------|-----------------------|---------------|---------------|-----------------|
| Banks Lake (1) | Lanier County | Suwannee | Partial Support | Fishing | FCG | NP | 2900 | X | X | 3 |