

Senate Bill 443

By: Senators Smith of the 52nd and Harp of the 29th

A BILL TO BE ENTITLED  
AN ACT

1 To amend Chapter 5 of Title 12 of the Official Code of Georgia Annotated, relating to water  
2 resources, so as to provide for protection of river basins; to define certain terms; to regulate  
3 interbasin transfers of water; to provide for an in-stream flow policy; to provide an  
4 exemption; to provide legislative findings; to provide a short title; to provide for an effective  
5 date; to repeal conflicting laws; and for other purposes.

6 BE IT ENACTED BY THE GENERAL ASSEMBLY OF GEORGIA:

7 **SECTION 1.**

8 This Act shall be known and may be cited as the "River Basin Protection Act."

9 **SECTION 2.**

10 Chapter 5 of Title 12 of the Official Code of Georgia Annotated, relating to water resources,  
11 is amended by inserting a new Article 11 as follows:

12 "ARTICLE 11

13 12-5-590.

14 The General Assembly finds that Georgia's river systems and aquifers support  
15 communities, local and regional economies, and diverse ecosystems. Maintaining natural  
16 flows throughout Georgia to the maximum extent practicable, while ensuring a safe yield,  
17 is essential for the overall health of its water resources and the economies that depend on  
18 them.

19 12-5-591.

20 As used in this article, the term:

- 1 (1) 'Basin' means the Altamaha, Chattahoochee, Coosa, Flint, Ochlockonee, Ocmulgee,  
2 Oconee, Ogeechee, St. Marys, Satilla, Savannah, Suwannee, Tallapoosa, or Tennessee  
3 River Basin.
- 4 (2) 'Biological integrity' means the maintenance of water in a water source in the volume  
5 and at the times necessary to support and maintain wetlands and wildlife, including fish,  
6 flora, and fauna, insofar as protection of either is required by federal or state laws or  
7 regulations.
- 8 (3) 'Chemical integrity' means the maintenance of water in a water source in the volume  
9 and at the times necessary to enable such water source to achieve the water quality  
10 standards prescribed for the water source by federal or state laws or regulations in light  
11 of authorized effluent discharges and other expected impacts on the water source.
- 12 (4) 'Consumptive use' means any use of water that is not a nonconsumptive use,  
13 including, but not limited to, evaporation or the incorporation of water into a product or  
14 crop.
- 15 (5) 'Department' means the Department of Natural Resources.
- 16 (6) 'Director' means the director of the division.
- 17 (7) 'Division' means the Environmental Protection Division of the department.
- 18 (8) 'Ground water' shall be defined as in paragraph (6) of Code Section 12-5-92.
- 19 (9) 'Interbasin transfer' means the withdrawal, diversion, or pumping of surface water  
20 from one river basin, or the withdrawal or pumping of ground water from a point located  
21 within or beneath one river basin, and discharge of all or any part of the water in or  
22 beneath a river basin different from the basin of origin.
- 23 (10) 'Nonconsumptive use' means a use of withdrawn water in such a manner that it is  
24 returned to its waters of origin at or near its point of withdrawal without substantial  
25 diminution in quality or quantity and without resulting in or exacerbating a low flow  
26 condition.
- 27 (11) 'Physical integrity' means the volume of water in a water source necessary to:  
28 (A) Support commercial navigation of the water source as required by federal or state  
29 law or regulation;  
30 (B) Preserve natural, cultural, or historic resources as determined by or as required by  
31 federal or state law or regulation;  
32 (C) Provide adequate recreational opportunities to the people of Georgia; and  
33 (D) Prevent serious depletion or exhaustion of the water source.
- 34 (12) 'Safe yield' means the amount of water in a water source available for withdrawal  
35 without impairing the long-term utility of the water source, including the biological  
36 integrity, chemical integrity, and physical integrity of the source, as determined by

1 comparing the natural and artificial replenishment of the water source to existing or  
2 planned consumptive and nonconsumptive uses.

3 (13) 'Waters of the state' shall be defined as in paragraph (13) of Code Section 12-5-22.

4 12-5-592.

5 (a) Any person seeking to make an interbasin transfer of more than 100,000 gallons of  
6 water per day shall apply to the director for a permit for such transfer. When feasible, the  
7 nonconsumptive portion of the interbasin transfer shall be returned to the basin of origin.  
8 Water users receiving water as the result of the proposed interbasin transfer shall  
9 implement water conservation procedures and must demonstrate that there are no feasible  
10 or practicable cost-effective alternatives to the interbasin transfer.

11 (b) The director shall use the following criteria in considering an application for an  
12 interbasin transfer permit:

13 (1) The quantity of the proposed withdrawal and the stream flow of the basin of origin,  
14 with special concern for low flow conditions;

15 (2) Protection of the present uses, and consideration of projected stream uses of the basin  
16 of origin, with special concern for low flow conditions and the ecology of the stream;

17 (3) Protection of the water quality in the basin of origin, with special concern for low  
18 flow conditions;

19 (4) The economic feasibility, cost effectiveness, and environmental impacts of the  
20 proposed permit in relation to alternative sources of water supply, including the  
21 cumulative impacts of current and proposed interbasin transfers in the basin;

22 (5) The overall current water demand and the reasonably foreseeable future water needs  
23 of the basin of origin;

24 (6) The supply of water presently available to the receiving basin, as well as the overall  
25 current water demand and the reasonably foreseeable future water needs of the receiving  
26 basin, including methods of water use, conservation, and efficiency of use;

27 (7) The beneficial impact of any proposed transfer, and the demonstrated capability of  
28 the applicant to implement effectively its responsibilities under the requested permit;

29 (8) The nature of the applicant's use of the water, to determine whether the use is  
30 reasonable;

31 (9) Whether the applicant has implemented reasonable efforts to promote conservation;

32 (10) Whether the proposed project requiring the interbasin transfer shall promote  
33 conservation of water;

34 (11) The requirements of other state and federal agencies with authority relating to water  
35 resources;

- 1 (12) The availability of water to respond to emergencies, including drought in the basin
  - 2 of origin and in the receiving basin;
  - 3 (13) Whether the project shall have any beneficial or detrimental impact on navigation,
  - 4 hydropower or other power generation, fish and wildlife habitats, aesthetics, or
  - 5 recreation;
  - 6 (14) The quantity, quality, location, and timing of water returned to the basin of origin,
  - 7 receiving basin, or a downstream basin;
  - 8 (15) Climatic conditions;
  - 9 (16) Any offsetting increases in flow in the basin of origin that may be arranged through
  - 10 permit conditions;
  - 11 (17) The number of downstream river miles from which water will be diverted as a result
  - 12 of the transfer;
  - 13 (18) Consultations with local governments affected by the proposed transfer and use;
  - 14 (19) The correlation between surface water and ground water in the basin of origin, and
  - 15 whether the proposed use will be harmful to the supply of either or both;
  - 16 (20) Impact on interstate water use;
  - 17 (21) The cumulative effect on the basin of origin and the receiving basin of any water
  - 18 transfer or consumptive water use that is authorized or projected; and
  - 19 (22) Such other factors as are reasonably necessary to carry out the purposes of Georgia
  - 20 law.
- 21 (c) The director shall issue or deny any interbasin transfer permit applied for in accordance
- 22 with the provisions of this chapter. Any such interbasin transfer permit shall be issued for
- 23 a term of no more than 20 years, and shall be subject to review every ten years of its
- 24 duration. The provisions of this article shall apply to proposed new interbasin transfer
- 25 permits or modifications of existing permits. The director shall modify an existing
- 26 interbasin transfer permit or issue or deny a new one, indicating in the permit the following
- 27 provisions, terms, and conditions:
- 28 (1) The location of the withdrawal;
  - 29 (2) The authorized amount of the withdrawal and the level of consumptive use, if any,
  - 30 and required conservation measures, if any;
  - 31 (3) The time period during which water is to be withdrawn, including any seasonal or
  - 32 shorter variations in the authorized withdrawals or level of consumptive use;
  - 33 (4) The uses for which the water is authorized to be withdrawn;
  - 34 (5) The transfer of water shall be governed by any applicable in-stream flow protection
  - 35 requirements of the division;
  - 36 (6) The amount of return flow required, if any, and the required place of discharge, if
  - 37 any;

- 1 (7) Any special provisions necessary to promote an adequate water supply for the state  
2 or to mitigate any future adverse conditions resulting from the transfer;
- 3 (8) The installation, maintenance, and use of stream flow monitoring equipment;
- 4 (9) Any requirements for metering, surveillance, and reporting the director determines  
5 to be necessary to ensure compliance with other conditions, limitations, or restrictions of  
6 the permit, including consent to inspections or investigations;
- 7 (10) The establishment and reporting of transfer activities by the permittee;
- 8 (11) The time within which all necessary construction authorized by the permit must be  
9 completed or within which the withdrawal or use of water must begin to be made, with  
10 the delay not to exceed five years from the date of issuance of the permit, subject to  
11 extension by order of the director upon showing that all reasonable due efforts and  
12 diligence toward the completion of the work have been made;
- 13 (12) Any extraordinary withdrawals of the waters of the state necessary for the  
14 construction of any facilities necessary to withdraw or use water;
- 15 (13) Any obligation to restore the lands or waters of the state to their condition prior to  
16 the issuance of the permit;
- 17 (14) The date on which the permit expires; and
- 18 (15) Any other conditions, limitations, and restrictions the director determines to be  
19 necessary to protect the public interest, the environment and ecosystems, and the public  
20 health, safety, and welfare, and to ensure the conservation, proper management, and  
21 aesthetic enhancement of the waters of the state.
- 22 (d) After receipt of a completed application and at least 30 days prior to acting on the  
23 application, the director shall notify city and county governments and public utilities in  
24 each county located entirely or partially within the river basin that is the source of the  
25 proposed transfer and the receiving basin and to all persons who have filed a written  
26 request with the director that their names be placed on a mailing list for receipt of such  
27 notice. Any person desiring to be placed on such mailing list must so request in writing  
28 and renew such request in December of each year. The name of any person who has not  
29 renewed such request may be removed from the list. The director shall cause a notice of  
30 the proposed interbasin transfer which shall include a nontechnical description of the  
31 applicant's request and a conspicuous statement in bold type as to the effects of the water  
32 transfer on the basin of origin and receiving basin to be published in the legal organ or a  
33 newspaper of general circulation in each potentially affected community in the basin of  
34 origin and the receiving basin. Whenever there appears to be sufficient public interest, the  
35 director may call a public hearing. Notice shall be given of the public hearing at least 30  
36 days prior to the hearing.

1 (e) In the event an emergency period of water shortage exists within an area of the state,  
2 the director may modify or revoke and reissue any interbasin transfer permit subject to the  
3 terms of a state drought management plan. The director shall give public notice of any  
4 emergency action taken with respect to an interbasin transfer permit to the maximum extent  
5 practicable.

6 12-5-593.

7 The division shall within no more than three years after the effective date of this article  
8 issue a final in-stream flow policy that incorporates safe yield for all river basins in the  
9 state.

10 12-5-594.

11 Those interbasin transfers identified in the water supply and water conservation  
12 management plan approved by the Metropolitan North Georgia Water Planning District  
13 pursuant to subsection (a) of Code Section 12-5-584 shall be exempt from the requirements  
14 of this article."

15 **SECTION 3.**

16 This Act shall become effective upon its approval by the Governor or upon its becoming law  
17 without such approval.

18 **SECTION 4.**

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