

Jordan Lake Water Supply Allocation

Wednesday July 14, 2010

Legislative Update

2010 Ratified Bills

- Appropriations Act of 2010 – [SL2010-31](#)
 - WATER RESOURCES DEVELOPMENT PROJECT FUNDS
 - (21) **Cape Fear River Basin Model Update - \$150,000**
- Improve River Basin Modeling – [H1743](#)
 - Specifies what will be included in a basin model and models will be approved by the EMC.
- Water Infrastructure Information Needs – [H1746](#)
 - Improve the collection and utilization of water and wastewater infrastructure information.
- Water Supply System Capacity Planning – [H1747](#)
 - Revise LWSP when demand exceeds 80% of supply to show how future needs will be met.
- Amend WQ/IBT Laws – [H1765](#)
 - Applicants pay the notification costs and coastal “isolated river basins” follow the old .221 process until 7/1/2020.

Improve River Basin Modeling – [H1743](#)

- (3) Model. – Each basinwide hydrologic model shall:
- a. Include surface water resources within the river basin, groundwater resources within the river basin to the extent known by the Department, transfers into and out of the river basin that are required to be registered under G.S. 143-215.22H, other withdrawals, ecological flow, instream flow requirements, projections of future withdrawals, an estimate of return flows within the river basin, inflow data, local water supply plans, and other scientific and technical information the Department deems relevant.
 - b. Be designed to simulate the flows of each surface water resource within the basin that is identified as a source of water for a withdrawal registered under G.S. 143-215.22H in response to different variables, conditions, and scenarios. The model shall specifically be designed to predict the places, times, frequencies, and intervals at which any of the following may occur:
 1. Yield may be inadequate to meet all needs.
 2. Yield may be inadequate to meet all essential water uses.
 3. Ecological flow may be adversely affected.
 - c. Be based solely on data that is of public record and open to public review and comment.

Improve River Basin Modeling – [H1743](#)

- 6) Approval and modification of hydrologic models. –
 - a. Upon completion of a hydrologic model, the Department shall:
 1. Submit the model to the Commission for approval.
 2. Publish in the North Carolina Register notice of its recommendation that the Commission approve the model and of a 60-day period for providing comment on the model.
 3. Provide electronic notice to persons who have requested electronic notice of the notice published in the North Carolina Register.
 - b. Upon receipt of a hydrologic model, the Commission shall:
 1. Receive comment on the model for the 60-day period noticed in the North Carolina Register.
 2. Act on the model following the 60-day comment period.
 - c. The Department shall submit any significant modification to an approved hydrologic model to the Commission for review and approval under the process used for initial approval of the model.

Questions

Contact Information

Tom Fransen
919-715-0381

jordan-water-supply@lists.ncmail.net

www.ncwater.org

