

**Stakeholders Evaluation Group  
Report of Aquifer Committee  
Christopher J. Schuberth, Chair  
11 September 2001**

Last meeting of the Aquifer Committee: 20 April 2001 (6th Meeting)  
Last Meeting of the Working Group: 24-25 July 2001 (2nd Meeting)

The Aquifer Committee has been meeting at SEPCO on Bay Street and the Working Group at the Savannah Civic Center.

Attendees on July 24 were: Larry Keegan (observer), Harold Gill, Card Smith, Jim Reichard, Jim Landmeyer, Camille Ransom, Rick Krause, John Clarke, Fred Falls, Jim Henry, and myself (John Cox) whose positions are as follows:

Larry Keegan (Lockwood Greene)  
Harold Gill (Jordan, Jones, and Goulding)  
Card Smith (USACE, Savannah District)  
Jim Reichard (Georgia Southern University)  
Jim Landmeyer (USGS, South Carolina)  
Camille Ransom (SCDHEC)  
Rick Krause (HydroVision)  
John Clarke (USGS, Georgia)  
Fred Falls (USGS, South Carolina)  
Jim Henry (Georgia Southern University)  
John Cox (Applied Technology and Management)

Attendees on July 25 were: all of the above excepting Fred Falls, Jim Landmeyer, and Larry Keegan. Bill McLemore (GAEPD) was unable to attend either session due to a schedule conflict.

Presentations regarding the offshore drilling program (Sound Science), the Bull River Rotosonic site, and an Aquifer Testing Feasibility report were made by Fred Falls, Jim Landmeyer and Camille Ransom, and Harold Gill respectively.

Following the technical presentations, the WG began their discussions as to how to address the five technical concerns that were recommended to the AC and the SEG.

These five technical concerns that have been identified are as follows:

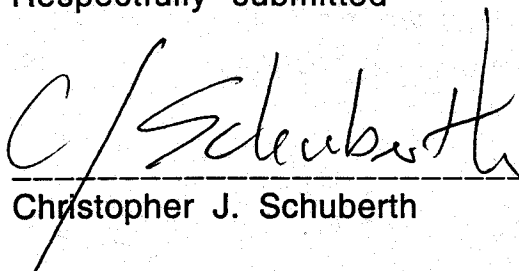
- A. Increase in rate and quantity of leakage through the upper confining unit that will occur as a result of channel deepening is unknown (previous studies have suggested that increases in leakage resulting will be minimal).
- B. Potential temporal changes in chloride concentrations in the Upper Floridan aquifer resulting from channel deepening are unknown.
- C. Hydraulic properties, salinity and hydraulic head in the Miocene units are poorly understood, as is the variability of these parameters.
- D. Hydraulic properties and geometry of the previously identified paleochannels are poorly understood.
- E. The geological framework is not as well refined as needed to fully understand hydrogeologic relationships and interactions.

Ten study plan elements were discussed and listed as the basis for a conceptual plan of study. There is currently lack of agreement regarding aquitard testing and the necessity to conduct numerical modeling. In order to keep the process moving forward, a draft "Plan of Study" that will include all 10 elements is being developed. Upon completion of the draft, it will be distributed to the WG for peer review and critique. Depending upon the comments generated by the review process, another meeting may be convened to further discuss and resolve outstanding issues.

Status is best described as a "Work in Progress."

No next meeting dates of either the Aquifer Committee or the Working Group has been set. Once WG has developed the Plan of Study, it will be presented to AC. Once AC accepts and approves the Plan of Study, it will be presented to SEG.

Respectfully submitted



---

Christopher J. Schuberth