

Review of June Meeting and RBC-identified Recommendations



June RBC Meeting Summary

- Reviewed additional groundwater model results examining the combined impact of ag water efficiency measures and assigning new pumping in Calhoun County to the McQueen Branch.
 - Recognized the unintended consequence of worsening conditions in the McQueen Branch of Lexington County
- Approved a **Low Flow Management Strategy** for the basin
- Developed **Planning Process** and **Technical Recommendations**

River Basin Planning Process Recommendations

■ Communication and Public Outreach:

- The Edisto, Saluda and Santee RBCs coordinate future monitoring, planning, modeling, and other activities focused on the Calhoun County Groundwater Area of Concern
- Communicate with legislative delegation throughout planning process to promote their familiarity with RBC activities and goals in advance of funding requests
- Encourage use of social media through professional accounts of RBC, DNR, DHEC, and/or RBC members

■ Funding Needs:

- Request that the Legislature keep river basin planning process fully funded to continue the process indefinitely.

Technical and Program Recommendations

- **Model Improvements:** SCDNR work with SCDHEC and USGS to create a regional groundwater model covering the potential groundwater areas of concern. Include ability to evaluate seasonal drawdown.
- **Enhance Groundwater Monitoring:** SCDNR work with SCDHEC, USGS and other partners (e.g., property owners, well owners, Capacity Use Areas) to enhance monitoring capabilities in potential groundwater areas of concern
- **Additional Modeling Scenarios:** Include future climate projections
- **Additional Research Topics:**
 - How changes in land-use impact recharge and water availability
 - Does the duration of drawdown below top of aquifer influence the impacts to aquifer?
- **Desired Future Condition:** Desired condition to not drop water level below top of aquifer