

Location:

December 15, 2021

9:00 AM – 1:00 PM

Clemson Edisto REC, Blackville, SC &

Zoom Virtual Hybrid Meeting

Action Items:

1. **Planning Team to follow up on potential speaker for land use and forest evapotranspiration topic for February or March RBC meeting.**
2. **Rob Devlin to circulate American Rivers – EPA public domain lawsuit information to the Edisto RBC.**
3. **RBC members currently without an alternate are reminded to select an alternate from the same water use interest category.**
4. **RBC members are required to inform the Planning Team in advance of the RBC meeting if they will not be in attendance and if their alternate will be present.**
5. **Public Comments for call-ins at the RBC meeting are to be sent to Tom Walker tcwalke@clemson.edu**

Meeting:

- Review of Meeting Objectives
- Approval of Agenda and November 17th Minutes and Summary Documents
- Public Comment Period
- Old business/New business Discussion
- Process Metrics Survey Results
- Demand-Side Surface Water Management Strategies
- Consider Supply-side Surface Water Management Strategies
- Upcoming RBC schedule

Meeting Summary (December 15th)

The Edisto RBC Chair, Hank Stallworth, called the December 15th meeting of the Edisto RBC to order at 9:05 AM. The eighteenth meeting of the Edisto RBC was held in-person at the Clemson Edisto Research and Education Center (REC) in Blackville, SC and via Zoom virtual meeting platform. Including the Edisto RBC members and planning team, there were 44 people present at this RBC meeting in-person and online. The meeting began with Hank Stallworth discussing the agenda items for the meeting. The Edisto RBC approved the modified RBC meeting agenda and the November 17th minutes and summary documents. A public comment period was held with no comments received.

Laura Bagwell, RBC member, during the old and new business period of the meeting, debriefed the Edisto RBC on the most recent SCDHEC surface water regulation review stakeholder group meeting in Columbia. The highlights included: brainstorming ideas relating to allocation issues and reasonable use and ideas within immediate, intermediate, and long-term result timeframes. The process is expected to continue with additional meetings to allow for more stakeholder interaction and discussion. Following Laura's debrief, John Boyer discussed the results of the process metrics survey that he distributed to the Edisto RBC.

The meeting pivoted to discussion of demand-side surface water management strategies and results were presented from SWAM model simulation runs. The results were separated into three scenarios which built upon the previous scenario assumptions. The scenarios were: 1. low flow conditions if existing drought management plans go into effect, 2. low flow conditions building on scenario 1 including agricultural water efficiency strategies, 3. low flow conditions building on scenario 2 including municipal conservation strategies. Business as usual (moderate growth) and high demand growth projections were each applied to the three scenarios. After discussion of the scenario results, the meeting moved to soliciting other demand-side modeling data or analysis and deciding whether or not to move any demand-side strategies forward to step two of the decision-making process presented at the November meeting. Additional demand-side information discussion focused primarily on forest water consumption through evapotranspiration, quantifying that consumption, and considering demand-side implications. The planning team will identify and solicit a speaker to discuss and potentially address the questions raised in the RBC discussion. For the already selected demand-side strategies it was generally agreed upon to move forward to step two of the decision-making process but also with supply-side information to inform demand-side decision-making.

Supply-side strategies and low flow strategies for effectiveness were discussed. General discussion focused on known conjunctive use capabilities in the basin, aquifer storage and recovery capabilities, and municipal interbasin connections. Considerations for supply-side modeling were to identify conjunctive use capabilities through permit and registration queries and run model simulations with related conjunctive use assumptions.

The meeting concluded with John Boyer discussing items for the next meeting. The RBC meeting was adjourned. The next Edisto RBC meeting will be held January 19, 2022.

The meeting concluded at 1:00 PM.

Summary: Tom Walker

Approved: 1/19/2022