

Location:

February 9, 2023

9:00 AM – 1:00 PM

Spartanburg Community College – Tyger River Campus TRB RM #528

1875 East Main Street, Duncan, SC 29334

Hybrid Meeting

Action Items:

- 1. Tom Walker to get list of agricultural irrigation types present in the Broad River Basin for use in agricultural demand side strategy development.**

Meeting:

- Review of Meeting Objectives
- Approval of Agenda, Minutes, and Summary
- Public Comment Period
- January RBC Meeting Review
- Flow-ecology Risk Results Review and Interpretation
- Broad Basin Agricultural and Socioeconomic Characteristics
- Potential Effectiveness of Demand-Side Strategies
- Supply-Side Water Management Strategy Discussion
- Upcoming Meeting Schedule, Topics, and Review of Meeting
- Lunch and Draft Edisto River Basin Plan Review

Meeting Summary (February 9th)

Ken Tuck, Broad River Basin Council (RBC) Chair, called to order the February 9th meeting of the Broad RBC at 9:05 AM. The tenth meeting of the Broad RBC was held in-person and virtually via the Zoom virtual meeting platform. Including the Broad RBC members and planning team, there were 38 people present at this RBC meeting in-person and online. Ken reviewed the meeting objectives and asked for motions to approve the agenda and minutes and summary documents from the previous meeting. The Broad RBC unanimously approved the RBC meeting agenda as well as the previous meeting minutes and summary. John Boyer held a public comment period with no comments received. An agency comment period was also held without any comments received. John Boyer reviewed the January RBC meeting.

The first major agenda item was a presentation by Daniel Hanks, RBC Vice-Chair, entitled: *Further Exploring Flow-Fish Richness Relationships*. Daniel reviewed several of the slides from the previous Broad RBC meeting regarding what the Flow-Ecology relationship study

information is and is not. Daniel reviewed how the Broad RBC can use these relationships in making decisions for the Broad River Basin Plan. The focus of Daniel's presentation was fish richness vs diversity vs evenness, statistically. One of the key takeaways was the standard error of the model which can significantly impact the selected biological response limits in low, medium, and high risk zones. Another key point was for the Broad RBC to consider conservation now to avoid regulation in the future and taking a proactive approach to water management in the Broad River Basin.

John Boyer led discussion on the next agenda item which focused on Broad Basin agricultural and socioeconomic characteristics. John presented information about Broad River Basin land cover and changes over the last 20 years. John then presented information regarding number of farms and irrigated acres in counties in the Broad River Basin and compared them to statewide trends. In the Broad River Basin, the number of irrigated farms and irrigated acres has remained relatively flat compared to statewide trends over the last 20 years. Other slides highlighted summary of 2017 census of agriculture data for counties in the Broad, value of timber in counties in the Broad, prime farmland, population change, and population density in the Broad Basin.

John reviewed examples of demand-side strategies from the Edisto River Basin Plan. Additionally, John reviewed existing demand-side strategies in the Broad Basin including potential ways existing demand-side strategies could be expanded. The last discussion point focused on the effectiveness of demand-side reductions of 10%, 15%, and 20% for public suppliers.

The last major agenda item was a discussion of supply-side water management strategies. John reviewed existing supply-side strategies in the Broad Basin which included the current map of public water system interconnections. John also led discussion on reservoir optimization for two example water systems: Greer CPW and Spartanburg Water. The presentation wrapped up with discussion of other possible supply-side strategies and other impacts to evaluate such as sedimentation which impacts storage capacity in reservoirs.

The meeting concluded with a review of the meeting schedule and topics for future meetings. The next meeting is scheduled for March 9th and will be held at Spartanburg Community College – Tyger River Campus. The Broad RBC then had lunch and briefly discussed one question relating to groundwater in the Edisto draft River Basin Plan and the associated strategies which will not be as relevant in the Broad River Basin Plan.

The meeting concluded at 12:25 PM.

Summary: Tom Walker

Approved: 3/9/23