

**Location:**

December 9, 2020

9:00 AM – 12:00 PM

Zoom Virtual Meeting

**Action Items:**

1. RBC members that have yet to select an alternate need to provide an alternate from the same water use interest category.
2. RBC members to continue thinking about goals for the January 6<sup>th</sup> ERBC meeting.
3. RBC members to review Section 4, with specific focus on 4.3 and 4.4, of the Planning Framework for the January 6<sup>th</sup> meeting.
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@clemsun.edu](mailto:tcwalke@clemsun.edu)

**Meeting:**

- Review of Meeting Objectives
- Approval of Agenda and November 18<sup>th</sup> Minutes and Summary Documents
- Public Comment Period
- Surface Water Model Overview
- Groundwater Model Overview
- Environmental Flows Study Introduction
- RBC Discussion (Mission, Vision, Goals)

**Meeting Summary (December 9<sup>th</sup>)**

The Edisto RBC Facilitator, John Boyer, called the December 9<sup>th</sup> meeting of the Edisto RBC to order at 9:00 AM. The eighth meeting of the Edisto RBC was held via Zoom virtual meetings due to Covid-19 meeting policies. Including the Edisto RBC members and planning team, there were 62 people present at this RBC meeting. The meeting began with John Boyer reviewing the meeting objectives: an overview of the surface water model, an overview of the groundwater model, an introduction to an environmental flows study, and discussion with the RBC finalizing the Edisto RBC mission statement, vision statement, and goals. The Edisto RBC approved the RBC meeting agenda and the November 18<sup>th</sup> minutes and summary. A public comment period was held with no comments received.

John Boyer presented the Simplified Water Allocation Model (SWAM) to the Edisto RBC and audience in attendance at the meeting. John focused on the Edisto model, which was recently updated by CDM Smith. The updated model will soon be available for download on the DNR hydrology site and will replace the older model. John discusses how the SWAM can be used in the planning process. Some of the key capabilities of the model are the ability to assess surface water quantity and impacts during

various scenarios. Some of the limitations of the model are uncertainty and gauge limitations, pond storage, and stationary climate. There are four base scenarios which includes: current scenario, permitted and registered scenario, business as usual scenario, and high water demand scenario.

Bruce Campbell (USGS (retired)), presented the Groundwater model that the USGS has been working on with DNR and DHEC. The groundwater flow model is focused on the Coastal Plain portion of South Carolina below the fall line. Highlights of the groundwater model presentation include: new data and the model framework, mapping of the region, model calibration, and simulated and observed graph of values presenting a graphic description of model accuracy. Bruce also drilled down and presented some work the USGS has done recently with the City and surrounding areas of Aiken, SC.

Finally, Eric Krueger of The Nature Conservancy, presented an introduction of a study which intends to evaluate quantified flow-stream health relationships across South Carolina. The study is focused on trying to answer quantitatively and scientifically the research question, "how much water does a river need?" Eric shares the tool that can be used to evaluate water scenarios and discusses the goals to identify relationships of flows and organisms in the river. He concludes with next steps including project completion and forthcoming publications.

The Edisto RBC then continued working on finalizing a mission statement and vision statement for the Council. John Boyer facilitated discussion and the mission and vision statements were finalized by vote from the RBC. The RBC then began working through goals and were able to finalize a few goals with additional goals needing to be finalized at the January 6, 2021 meeting.

RBC members, in preparation for the next RBC meeting, need to continue thinking through the remaining goals. Additionally, RBC members will need to review Section 4 of the Planning Framework with specific focus on 4.3 and 4.4 for the next meeting.

The next meeting of the Edisto RBC will be held January 6<sup>th</sup>, 2021 on Zoom virtual meetings platform.

The meeting concluded at 12:00 PM.

Summary: Tom Walker

Approved: January 6, 2021