



Surface Water Quantity Models

Progress Meeting Notes

December 19, 2016

Attendees: **CDM Smith:** John Boyer, Tim Cox, Nina Caraway, Kirk Westphal
SCDNR: Scott Harder, Alex Pellet, Andy Wachob
DHEC: Rob Devlin, Harriet Gilkerson, Leigh Anne Monroe
Technical Advisory Committee: Ed Bruce, Eddie Twilley, Eric Krueger, K.C. Price, Jessie Cannon (filling in for Mike Harrelson)

1. Savannah Model Framework Revisions (see attachment)

- Nina Caraway reviewed updates made to the Savannah model framework, on the Georgia side. The updates include adding GA-side major tributaries (which contain withdrawals and discharges) at their point of confluence with the mainstem, rather than as tributary inputs just above each existing Basic and Planning Node. These nodes were already established as part of work ARCARDIS completed for GA EPD. The major GA-side major tributaries will effectively be included as implicit tributaries.
- John Boyer noted that the Draft UIF memorandum is being reviewed and should be submitted to DNR and DHEC in the next week or so.
- For the Santee River Basin, Scott Harder indicated that one option would be to model Lake Marion and Lake Moultrie as a single reservoir, given that they are hydraulically connected, and generally change elevations at nearly the same time. John Boyer commented that they were modeled as two reservoirs in SWAM because there are three different outlets (two to the Santee River and one to the Cooper River).

2. Cloud Hosting

- John Boyer indicated that CDM Smith can provide a summary of the technical requirements for hosting the SWAM models, if DNR will be bidding out the cloud hosting.



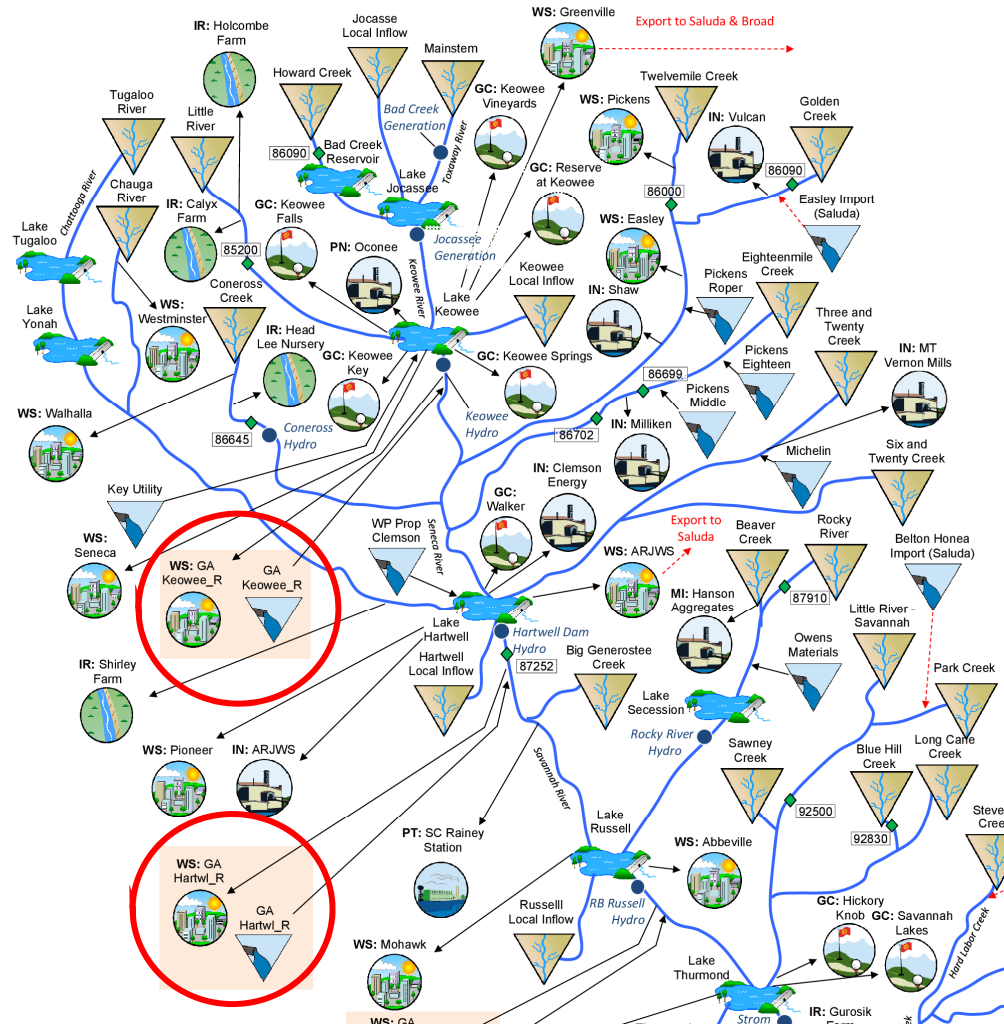
3. Savannah 2nd Stakeholder Meeting – mid January

- John Boyer indicated that the second stakeholder meeting for the Savannah will likely be scheduled for the third or fourth week of January. Work on the Savannah calibration model is still in process.

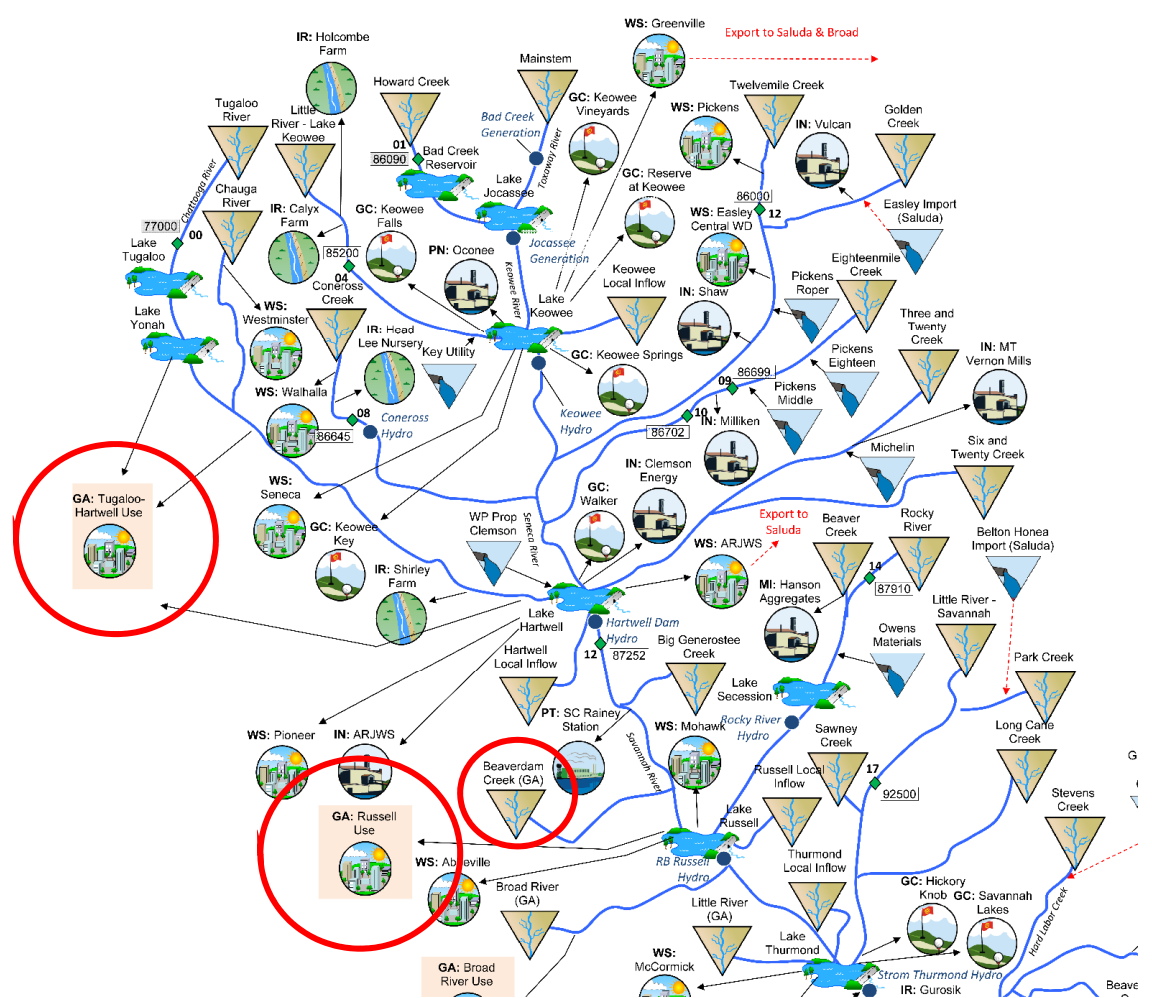
Revisions to Savannah SWAM Framework

Upper Savannah

August 2016

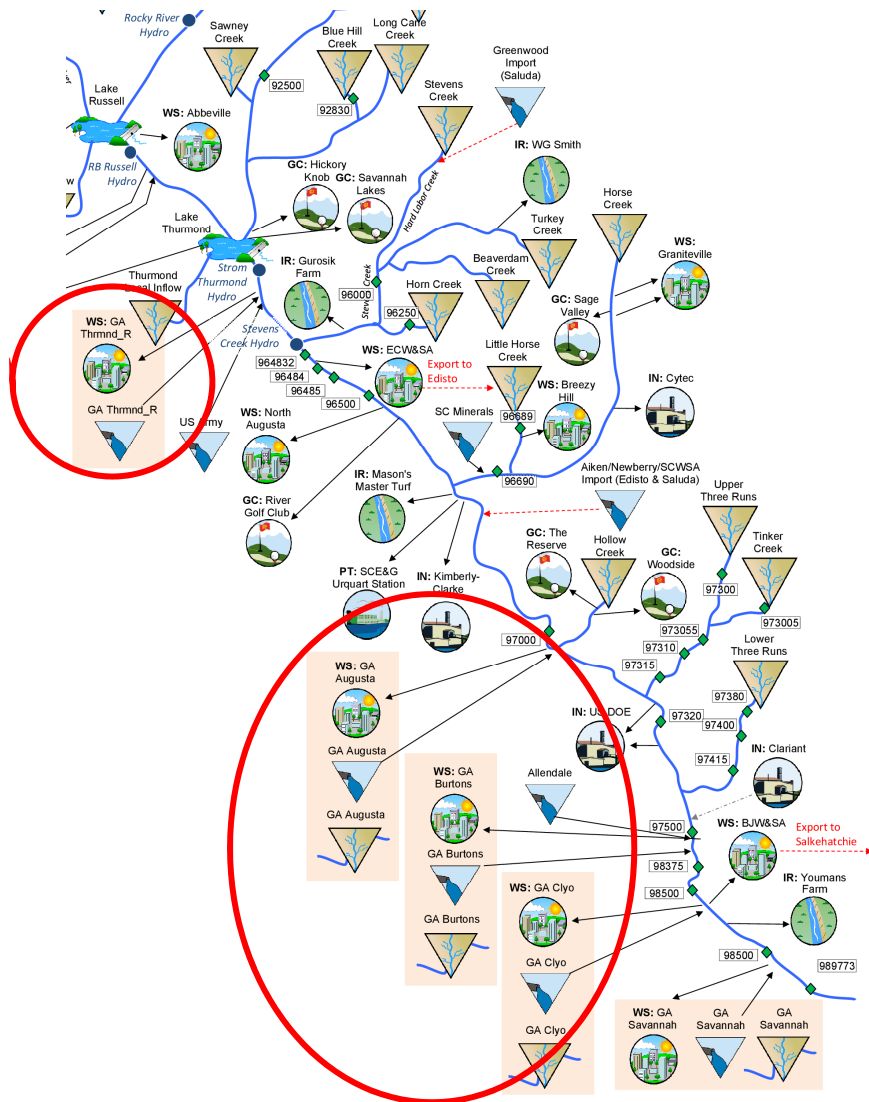


Current



Lower Savannah

August 2016



Current

