

## South Carolina Surface Water Quantity Models Monthly Summary

Invoice Date: October 28, 2014  
For Services Between: September 14, 2014 and October 18, 2014  
Invoice No.: 2

### Summary of Work Completed During Invoice Period

#### **Project Management and Related Tasks**

- Continued internal project coordination and management tasks, including:
  - Weekly project team meetings
- Developed and circulated project kickoff meeting notes
- Prepared and submitted Draft Modeling Plan

#### **Data Collection**

- Developed preliminary approach for estimating surface water withdrawals for agriculture irrigation.
- Developed basin-specific timelines of USGS discharge data for active and former gages statewide.
- Developed data needs list and contact script to facilitate collection of surface water withdrawal data from registered users.
- Began contacting registered surface water users in the Saluda basin and confirming and collecting historical withdrawal and operational data.

#### **Data Analysis and Modeling**

##### Saluda

- Continued SWAM model enhancement to incorporate daily time step.

##### Edisto

- No work completed. Note that project startup-activities including the kickoff meeting, modeling plan, model enhancement and other activities were included under the Edisto Basin budget. The Edisto was originally identified as the pilot basin for modeling.

##### Broad

- No work completed

##### Pee Dee

- No work completed

##### Catawba

- No work completed

##### Santee

- No work completed

Savannah

- No work completed

Salkehatchie

- No work completed

**Summary of Upcoming Work**

Over the next month, the project team will:

- Continue with data collection with the focus on contacting permitted users in the Saluda, Edisto, and Broad river basins to obtain historical water use and related data.
- Incorporate comments on the draft Modeling Plan and Submit Final Model Plan (Due Nov 15<sup>th</sup>).
- Continue development of methodology to prepare UIF datasets (Due Dec 1<sup>st</sup>).
- Continue incorporation of the daily/weekly time step and development of the Saluda Basin model framework.

- ① Prepare Quarterly Report (due Nov 15<sup>th</sup>)

### Issues Impacting Scope, Schedule, or Project Cost

No issues were identified during the previous month which might impact the scope, schedule, or cost.