Russian River MODSIM model update

The main initial tasks performed on this project to date include:

         The team had a kickoff meeting with key players to agree on scope of work.

         Obtained the current ResSIM model and getting the model operational on RTI system.

         Familiarized with the ReSIM model and documentation to review requirements for simulating operations of Lake Mendocino

o    RTI had a conference call with SCWA to discuss the ResSIM model, including the recommended rules to be used for the development of the MODSIM model

o    Developed a parallel between the operational features in the ResSIM model and the initial MODSIM representation of lake Mendocino.

         Identify features that need to be implemented in the MODSIM model to capture the operations.

         Identify missing operational features that need to be implemented to represent lake Mendocino.

         Got set up with a team exchange Github repository and committed some initial MODSIM operations and feasibility files.

Current efforts include:

         Developing the structure of modeling system database and importing the testing time series data, including the GIS data provided by USGS.

         Developing tools to create the MODSIM geo-referenced network in the database.