1. Neelufa Sarwar opened the meeting at 10:05 AM, and provided an update on the project revenues and expenses. Of the total contract amount for the project ($394,160), $157,068.86 has been billed (39.85%).

2. Brian McCrodden provided an update on the project and schedule. The model schematic has been completed. The inflow data set is about half complete. The agricultural data set is about two-thirds complete. The operating rules are only about one-fifth complete.

3. Tom Fransen noted that the model may be used for water withdrawal permitting by DWR.

4. Steve Nebiker presented the completed model schematic with updates. Steve then presented the model inflow development, including examples of calibration and simulation.

5. Peter Elkan provided an update on agricultural data collection.

6. Next steps include the following.
   - Sydney Miller will follow up with the City of Durham regarding reservoir data.
   - HydroLogics will provide the updated model schematic to DWR for posting on the project website. The schematic will include a date noting its production.
   - HydroLogics will work with Kevin Lindley (Orange County) to confirm the drawdown of Orange Lake.
   - HydroLogics will explore the possibility of using the USGS stream gage on Swift Creek at Holly Springs Road to calibrate Lake Wheeler.
   - HydroLogics will explore the possibility of adding the small flood control storage lakes upstream of Lake Crabtree to the model, and refining the Crabtree Creek flood control system. Jim Mead (DWR) provided data and Dale Crisp (Raleigh) will provide data.
   - Committee members will review the model calibration and simulation plots for the sub-basins associated with their individual systems and provide feedback to HydroLogics. The plots may be found in the PDF of the HydroLogics presentation posted to the project website at [http://www.ncwater.org/Data_and_Modeling/Neuse_River_Basin_Model](http://www.ncwater.org/Data_and_Modeling/Neuse_River_Basin_Model).

7. Neelufa Sarwar adjourned the meeting at 12:00 PM. A subset of the Technical Review Committee returned after lunch for a more detailed discussion of model inflow development, operating rules, and data collection.
**Present**
Karen Brashear, City of Goldsboro  
Tim Broome, Johnston County  
Terry Brown, US Army Corps of Engineers  
Robin Bryson, Progress Energy  
Dale Crisp, City of Raleigh  
Tom Davis, Orange County  
Tom Fransen, NC Division of Water Resources  
Don Greeley, City of Durham  
Chris Goudreau, NC Wildlife Resources Commission  
Ashley Hatchell, US Army Corps of Engineers  
Jim Harding, City of Durham  
Jucilene Hoffman, NC Division of Water Resources  
Kenny Keel, Town of Hillsborough  
Kevin Lindley, Orange County  
Jim Mead, NC Division of Water Resources  
Philip Ogden, CH2M HILL  
Barry Parks, City of Wilson  
Charles Peacock, NC State University  
Crystal Penton, The Wooten Company  
Don Rayno, NC Division of Water Resources  
Neelufa Sarwar, NC Division of Water Resources  
Ken Terlep, Friends of Lake Orange  
Charles Theobald, NC Division of Water Resources  

**Project Consultants**
Brian McCrodden, HydroLogics  
Steve Nebiker, HydroLogics  
Casey Caldwell, HydroLogics  
Peter Elkan, Moffat & Nichol  
Claudia Williams, Moffat & Nichol  
Sydney Miller, Triangle J Council of Governments