

**Catawba-Wateree Drought Management Advisory Group Meeting Summary  
December 12, 2007**

**Charlotte-Mecklenburg Utilities'  
Lee S. Dukes Water Treatment Plant**

**Member Organizations Present:**

Chester Metropolitan District  
City of Belmont  
City of Gastonia  
City of Lenoir  
City of Morganton  
City of Mount Holly  
City of Rock Hill  
City of Statesville  
Duke Energy Carolinas  
International Paper  
Lancaster County Water & Sewer District  
Lincoln County  
Lugoff-Elgin Water Authority  
NCDWR  
Town of Granite Falls  
Town of Valdese

**Other Organizations Present:**

City of Fort Mill  
HDR Engineering  
Kearns & West, Inc.  
Lake Wylie Marine Commission

## Introductions, Agenda Review, and Announcements

1. Ken Kearns opened the meeting with introductions and reviewed the agenda.

## LIP Trigger Update

2. Ed Bruce gave an overview of current drought conditions:

- Storage Index (SI) 34.89%
- Target Storage Index (TSI) 61.65%
- Ratio 56.59% (Supports Stage 3)
- Storage loss in last week 0.85%
- Storage loss over last 30 days 0.47% per week

## Duke Operations and Meteorological Update

3. George Galleher provided an update on area meteorology predictions and Duke's hydro operations. The area received 0.8 inches of rain in November. Raleigh experienced the driest November in the last 134 years, when its recordkeeping began. If the trend continues, it may be the driest year in the last 134 years.

## Assessing Water-Use Reductions

4. Kevin Mosteller shared an analysis of the 2006 and 2007 withdrawal information collected from the water suppliers. This data showed the impact of the water-use restrictions on water use. The Group discussed whether the better method to show reductions was to use only withdrawals and/or to also include returns. Mosteller will collect return information from the water suppliers to provide an additional assessment of the impact the water-use restrictions on the basin.
5. Maeneen Klein suggested a relatively easy approach for comparing water use during a period of restrictions to a time without restrictions while accounting for the area's growth in customers. Klein suggested using the formula of how much water was pumped divided by the number of accounts. This data could then be compared to the account average from the previous year to determine a water-use-reduction percentage. Klein and Steve Gilbert are both preparing this information for their governing bodies and will present their results at the next DMAG meeting.

## Member Contingency Planning

6. Kearns showed power point slides summarizing some of the drought contingency plans reported by water suppliers and Duke in the last two meetings.

## Basinwide Coordination of Water-Use Restrictions during LIP Stages 3 and 4 (continued from previous discussions)

7. Kearns reviewed the drought actions discussed at the last meeting, and the group continued to develop and refine actions that the group jointly feels are appropriate to the LIP Stages.

#### Process for Revising the Low Inflow Protocol

8. The Group discussed the process and timing of future revisions to the LIP. The LIP requires periodic reviews of the effectiveness of the LIP. The Group concluded that the LIP is working well as it was intended and suggested that, unless things change, LIP revisions should be considered only after the area has fully recovered from the drought. When the basin returns to normal conditions, revisions to the LIP will be considered at that time.

#### Conclusion

9. The next DMAG call will occur on Wednesday, January 9<sup>th</sup>. The next DMAG meeting will take place at 10:00 AM on Tuesday, January 15<sup>th</sup> at the Lee S. Dukes Water Treatment Plant in Huntersville.
10. Kearns adjourned the meeting.