

Catawba-Wateree Water Management Group

Purpose

The Catawba-Wateree Water Management Group (CWWMG) exists to identify, fund and manage projects that help extend and enhance the capacity of the Catawba-Wateree River to meet human water needs while maintaining the ecological health of the waterway.

Organization and Funding

Incorporated in late 2007, this 501(c)(3) non-profit group came out of the 3½-year stakeholder process associated with Duke Energy's relicensing of the Catawba-Wateree Hydro Project.

The CWWMG is funded by dues from voluntary members representing Duke and the large water suppliers that use storage in the 11-lake Catawba-Wateree Project system and has a 2009 budget of approximately \$540,000.

Members

The 18 CWWMG Members are:

- City of Belmont, NC;
- City of Camden, SC;
- Union-Lancaster Catawba River Water Treatment Plant (NC/SC);
- City of Charlotte, NC;
- Chester Metropolitan District (SC);
- Duke Energy Carolinas;
- City of Gastonia, NC;
- Town of Granite Falls, NC;
- City of Hickory, NC;
- City of Lenoir, NC;
- Lincoln County, NC;
- Town of Long View, NC;
- Lugoff-Elgin Water Authority (SC);
- City of Morganton, NC;
- City of Mount Holly, NC;
- City of Rock Hill, SC;
- City of Statesville, NC; and
- Town of Valdese, NC.

Five-Year Strategic Plan

Each December, the CWWMG extends its Five-Year Projects Strategic Plan. This Plan defines strategies for meeting the Group's purpose and outlines the projects it will undertake to support the strategies. Between 2010 and 2014, the Group's projects will fall into three broad areas.

- *Demand-Side Norms, Trends and Opportunities*
- *Supply-Side Opportunities*
- *System-Wide Drought Preparation and Management*

Current Projects

Groundwater Monitoring: CWWMG committed more than \$550,000 over four years to improve three existing groundwater monitoring wells and to install seven new wells located in both North and South Carolina.

Demand Management Benchmarking Study: A survey of 28 national water supply agencies as well as CWWMG Member organizations will provide information to help the CWWMG and its Members develop a coordinated water demand management program.

Lakefront Smart Irrigation Study: To explore opportunities to improve water consumption trends, the CWWMG will evaluate the effectiveness of "smart" irrigation controllers in improving landscape watering efficiency.

Public Information on Wise Water Use: The CWWMG will kick-off what promises to be a long-running campaign to improve awareness, understanding, and planning of the region's water use.

Approaches to Extend Safe Yield: The CWWMG will begin its investigation of approaches to extend the safe yield of the system such as optimizing locations of intakes and returns or adjusting system operational protocols.

Water Supply Master Plan: The CWWMG will integrate the results of several projects into a master planning process covering long-term planning for water supply, demand and drought management improvements.

2010 Leadership

Chair

Barry Gullet, Charlotte-Mecklenburg Utilities

Vice Chair

Jimmy Bagley, City of Rock Hill, SC

Secretary/Treasurer

Jeff Lineberger, Duke Energy Carolinas, LLC

North Carolina At-Large Director

Kevin Greer, City of Hickory, NC

South Carolina At-Large Director

Mike Bailes, Catawba River Water Treatment Plant