



**CATAWBA  
WATEREE**  
WATER MANAGEMENT GROUP

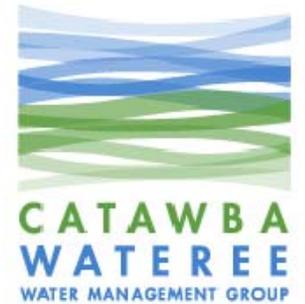
# Catawba-Wateree Water Management Group

# Key Takeaways



- Regional cooperation is critical
- Water is a shared resource with a shared management responsibility
- Losing water supply is not an option
- Winning cities depend on a secure water supply

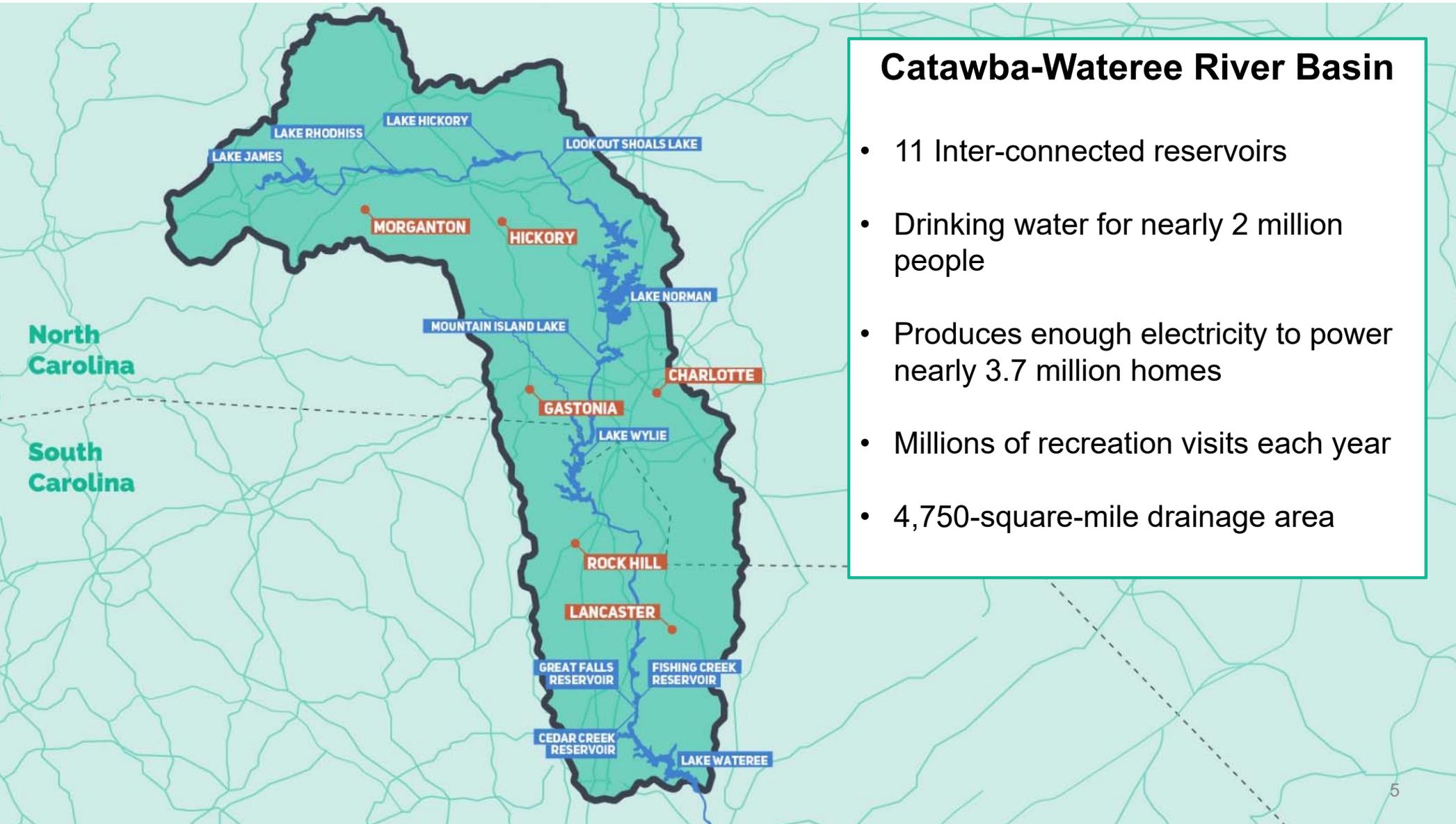
# Our Mission



To identify, fund, and manage projects that will help preserve, extend, and enhance the capabilities of the Catawba-Wateree River Basin to provide water resources for human needs while maintaining the ecological integrity of the waterway.

# Planning for a Better Future





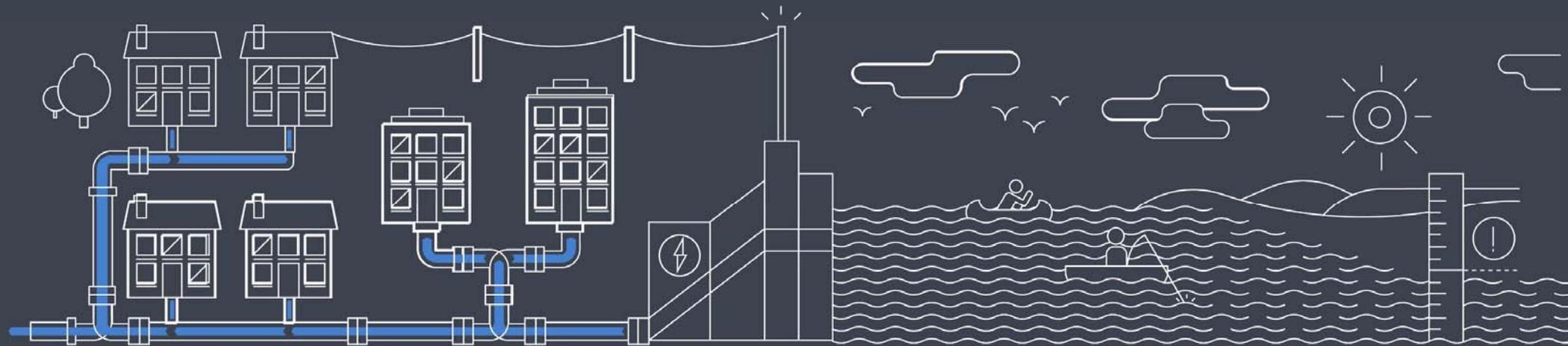
## Catawba-Wateree River Basin

- 11 Inter-connected reservoirs
- Drinking water for nearly 2 million people
- Produces enough electricity to power nearly 3.7 million homes
- Millions of recreation visits each year
- 4,750-square-mile drainage area

# Trends Influencing Our River Basin



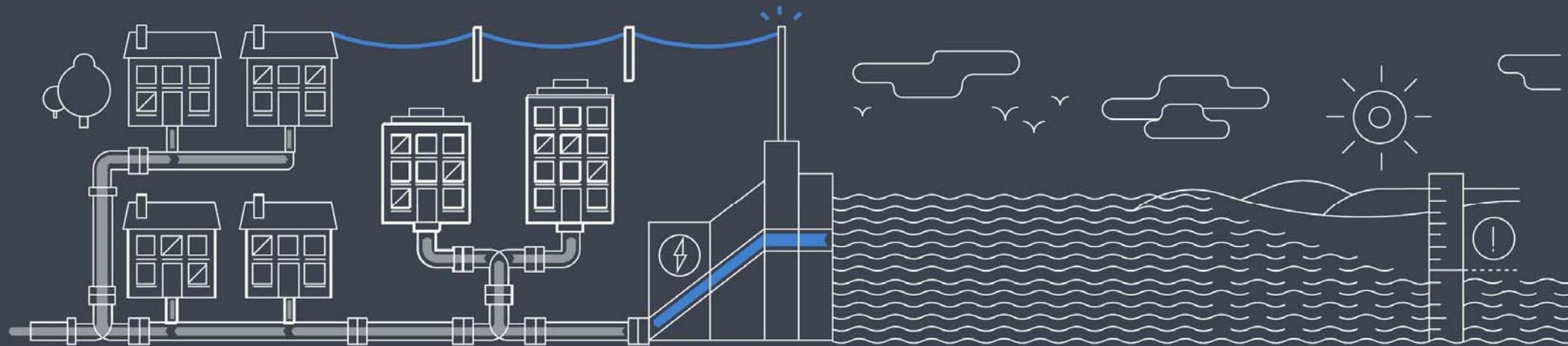
Water Demand



# Trends Influencing Our River Basin



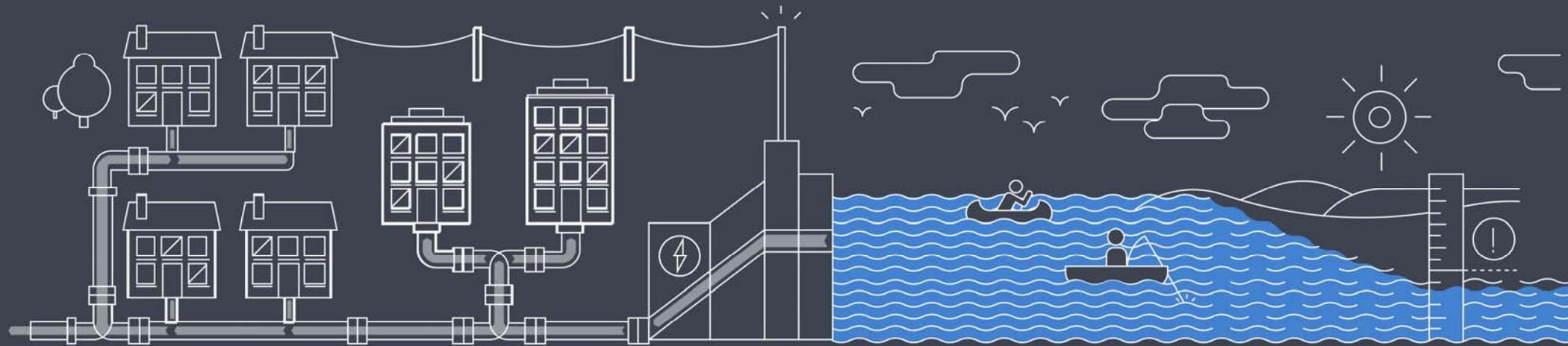
Energy Demand



# Trends Influencing Our River Basin



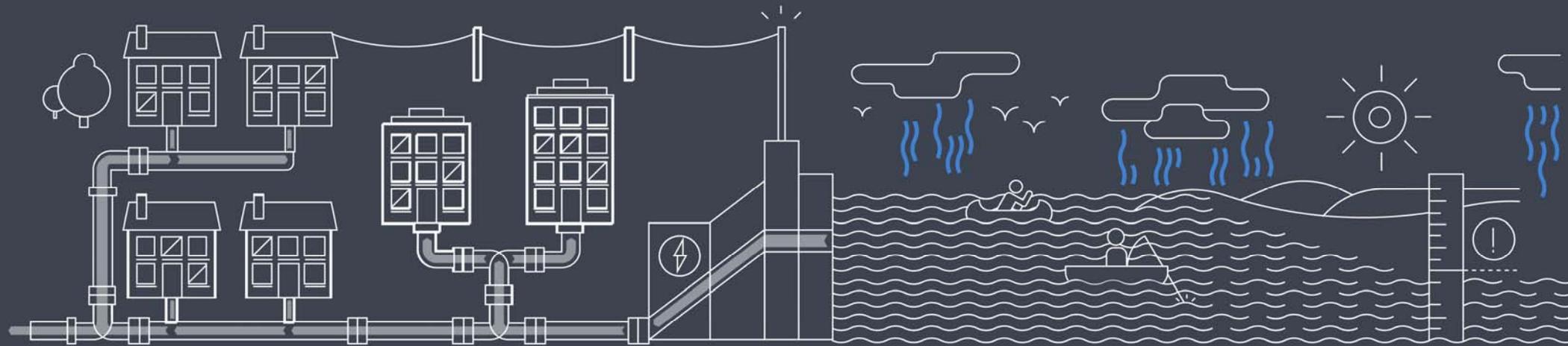
Quality of Life



# Trends Influencing Our River Basin



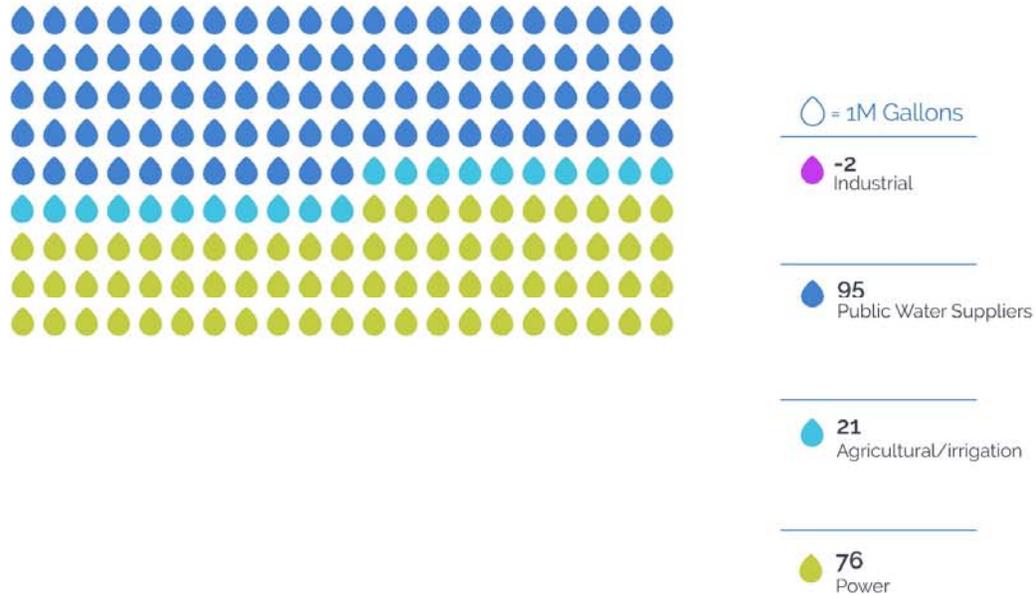
Climate Change



# 2011: How Our Water is Used

## Current Reality:

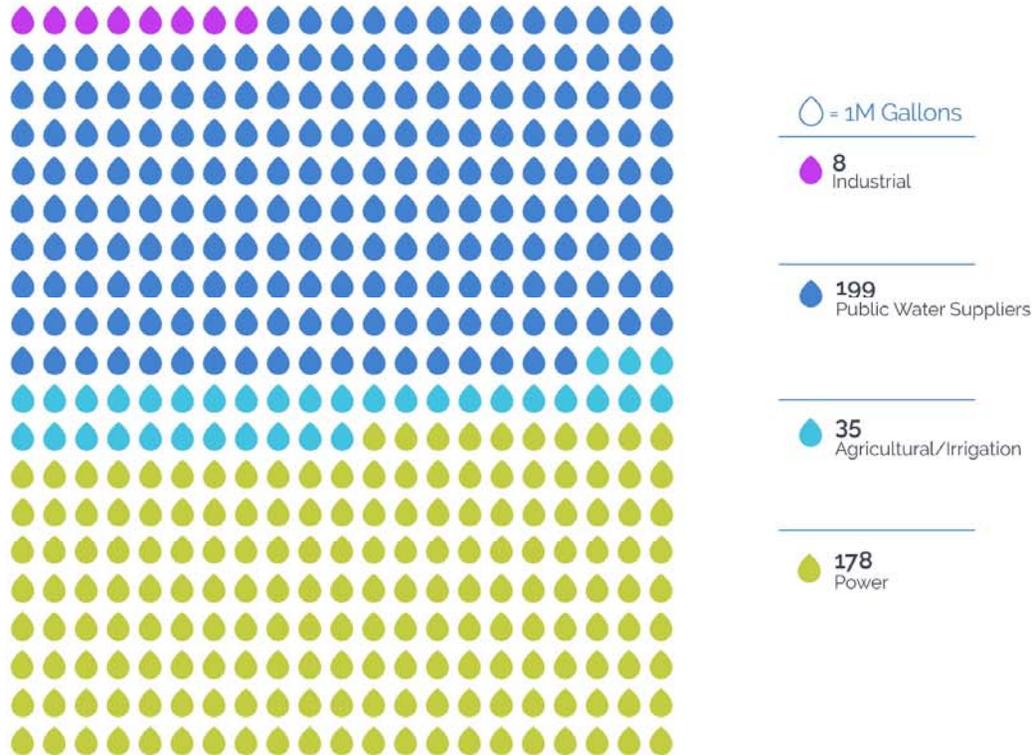
**2011 Net Water Withdrawn from Basin: 189 million gallons per day**

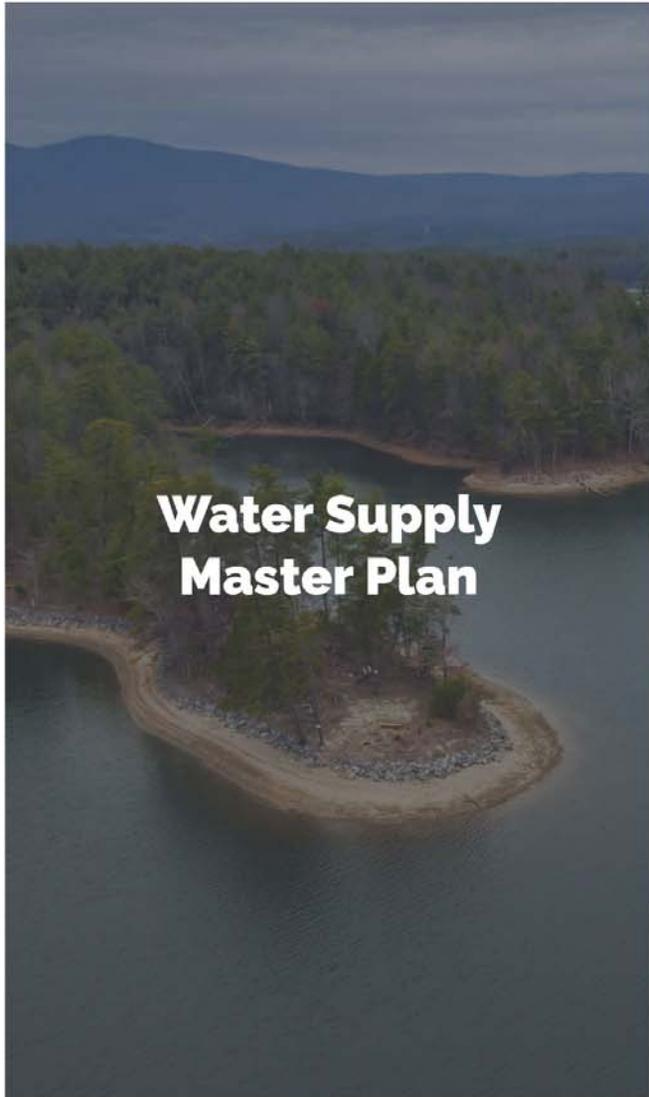


# 2065: Planning for the Future

## Future Projections:

**2065 Net Water Withdrawn from Basin: 419 million gallons per day**





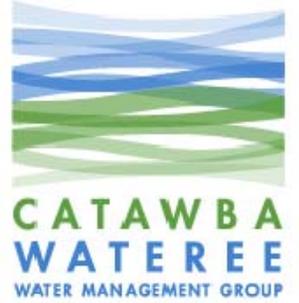
**Water Supply  
Master Plan**



**Research and  
Technical**



**Communications**



# Water Supply Master Plan



## **Phase 3 Water Quality Program**

We are identifying and addressing future scenarios that threaten our ability to bring safe water to our customers.

# Research and Technical



## **Basin-Wide Water Loss Management Program:**

We are reducing water loss and improving accountability in our water distribution systems.

## **USGS Groundwater Well Monitoring:**

We partner with national and international water organizations to push boundaries and have secured funding for our efforts.

## **Water Research Foundation Collaboration:**

We are studying issues that impact long-term water supply in the basin.

# Communications



## **Strategic Communications Plan:**

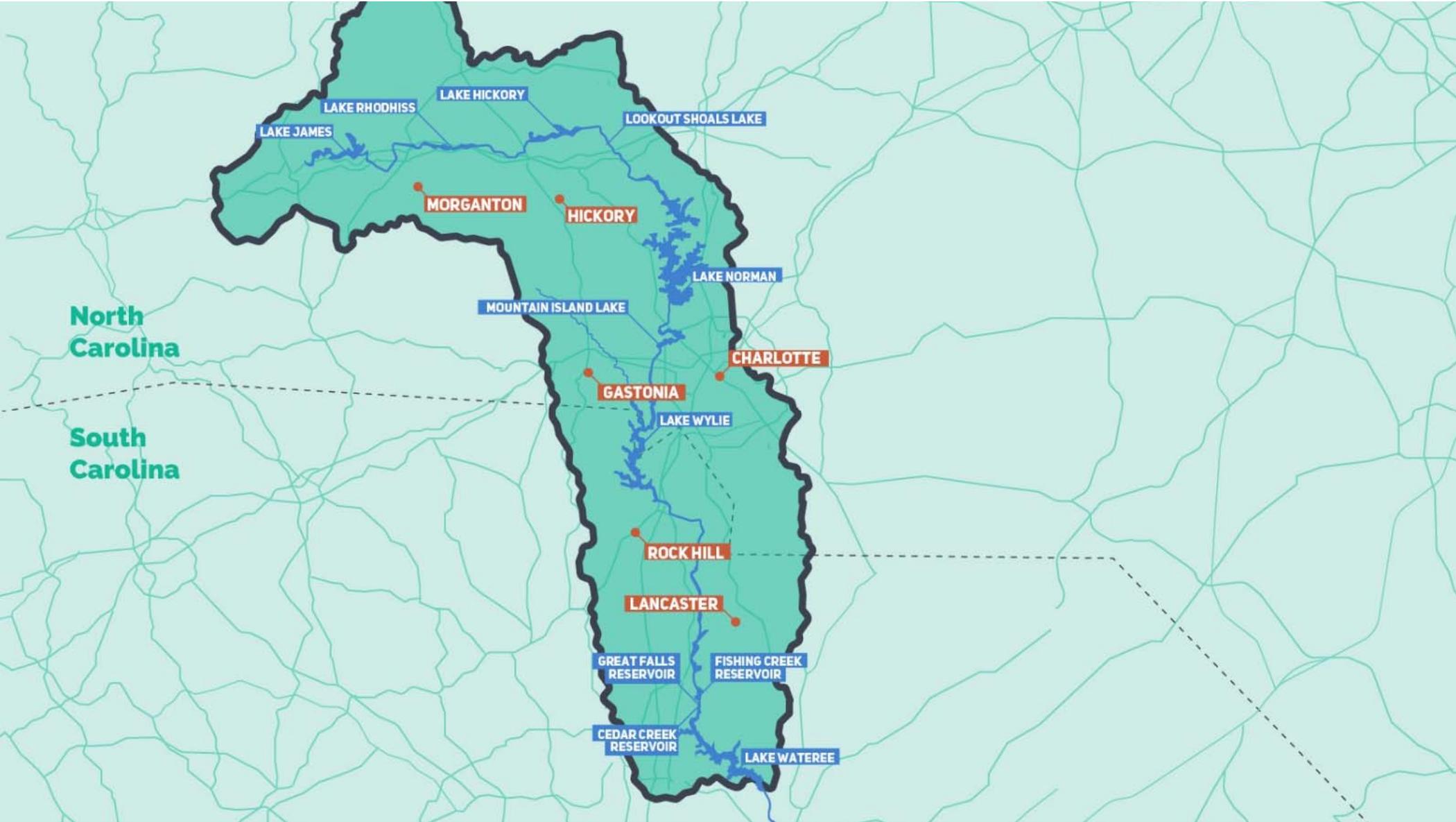
We are establishing a communications network to advance regional water knowledge.

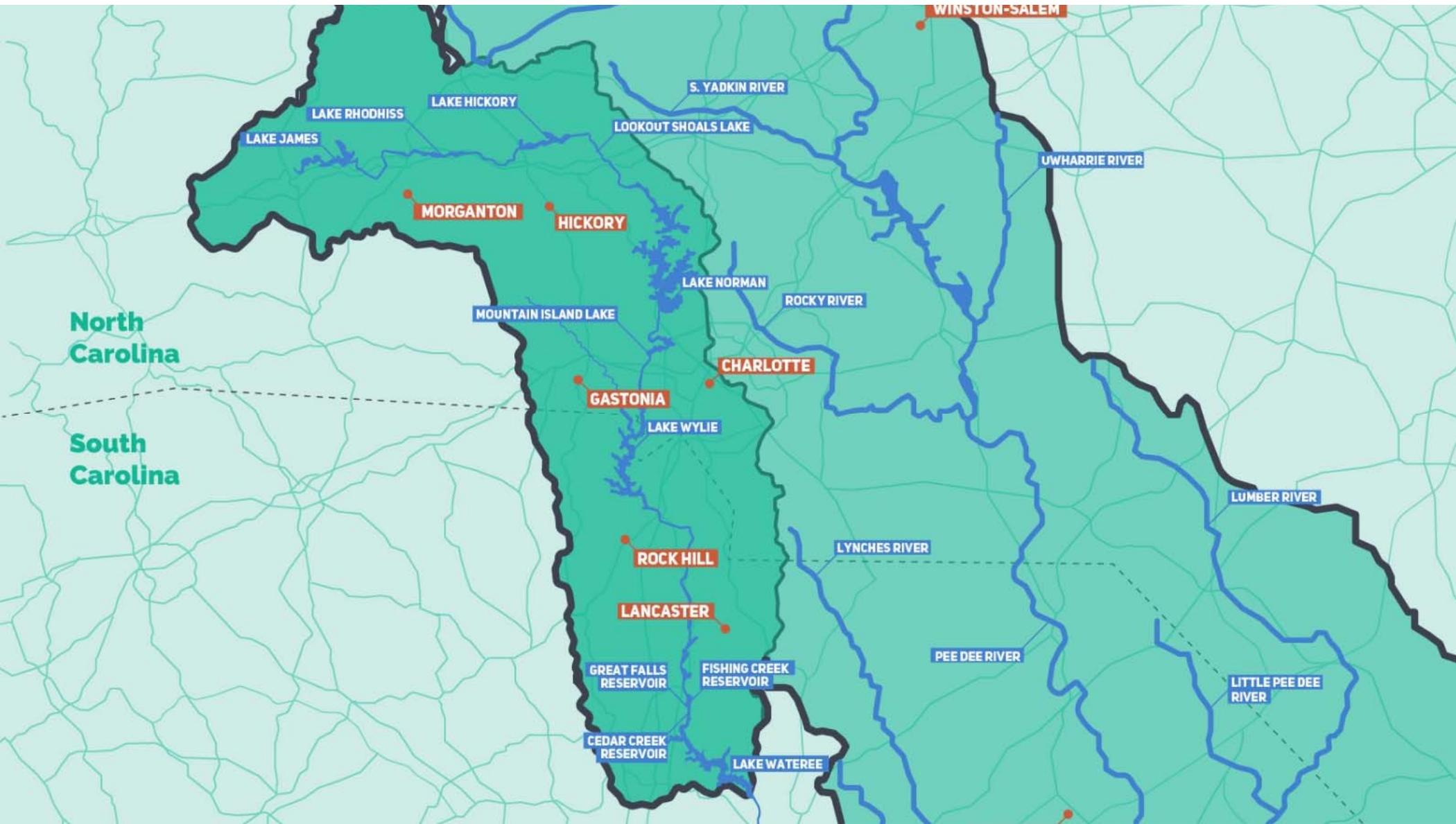
## **Annual Summit:**

We are advancing and continuing the conversation about regional collaboration and preparedness.

## **Basin-wide Advisory Committee:**

We work across municipal boundaries to plan for the future.







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[www.catawbawaterreewmg.org](http://www.catawbawaterreewmg.org)



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Questions?

- Panel Questions:

- What water-related challenges have you faced in your community and with your projects?
- How do your organizations work together and with the state and federal government on water-related issues?
- How do you reach the water customer to educate and change behavior?
- What lessons have you learned from other water management groups?
- Are there any current water-related crises happening in our region?
- What do you see as the greatest obstacle for achieving a sustainable water supply?
- How are you able to gauge success?