

# Wake County One Water Plan

## Our Water. Our Future.

Wake County Board of Commissioners

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# Why One Water?

Population and water demand doubling in the next 50-years

- All municipal utilities will require some form of treatment/expansion
- Groundwater vulnerability projected to increase

Increasing weather extremes

- Higher temperatures
- More droughts, worse flooding



# Why One Water?

It helps plan for economic development in our community.



# Why One Water?

It identifies strategies for clean water which supports public health and quality of life.



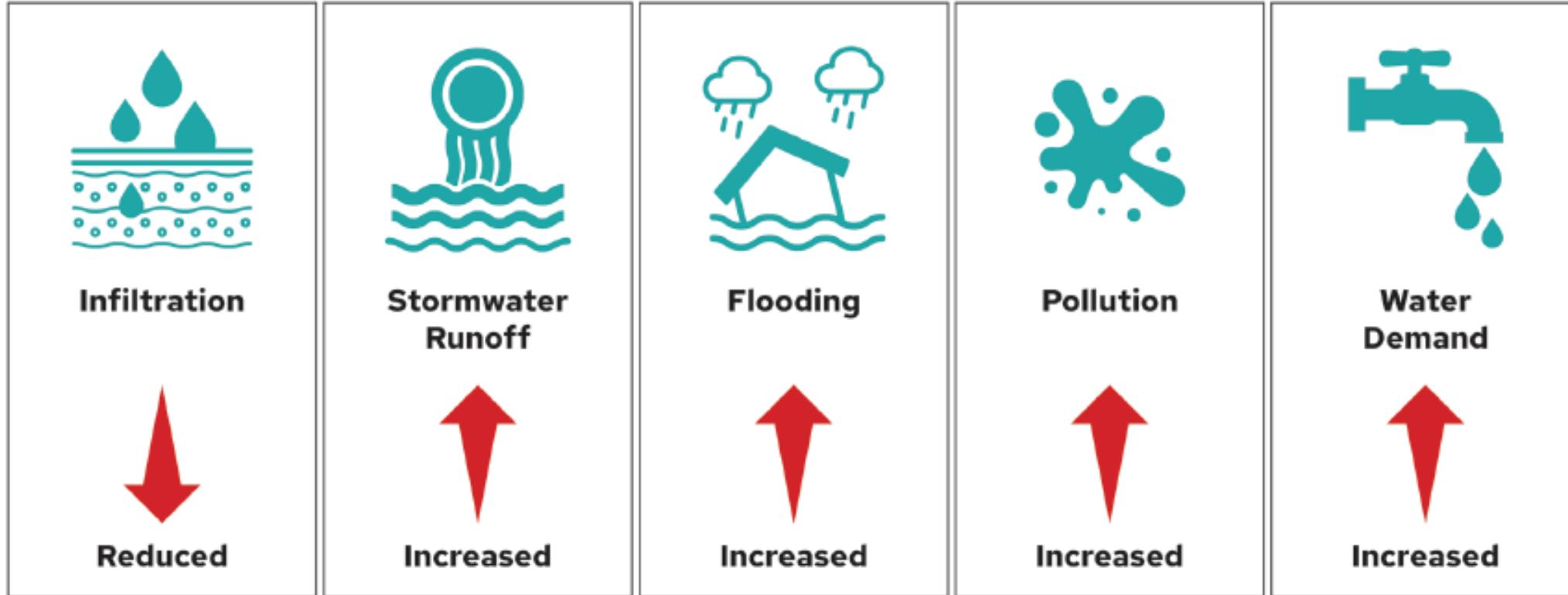
# What is the One Water Plan?

- Modeled after similar plans from other communities across the country
- Proactive water plan to prepare for future growth and climate conditions
- Collaborative management of limited water resources across jurisdictional boundaries
- Assessment of current resources and areas of concern
- Identification of management strategies:
  - Maximize the value of water
  - Provide environmental, social and economic co-benefits

# Vision and Goals

- Build Knowledge, Collaboration and Partnerships
- Increase Community Resilience to Extreme Weather Events
- Cultivate Community Support
- Advance Access to Clean Water for All
- Support Local Economy and Fiscal Accountability

# Concerning Water Trends



# Strategy Focus Areas



Optimized  
Water Supply

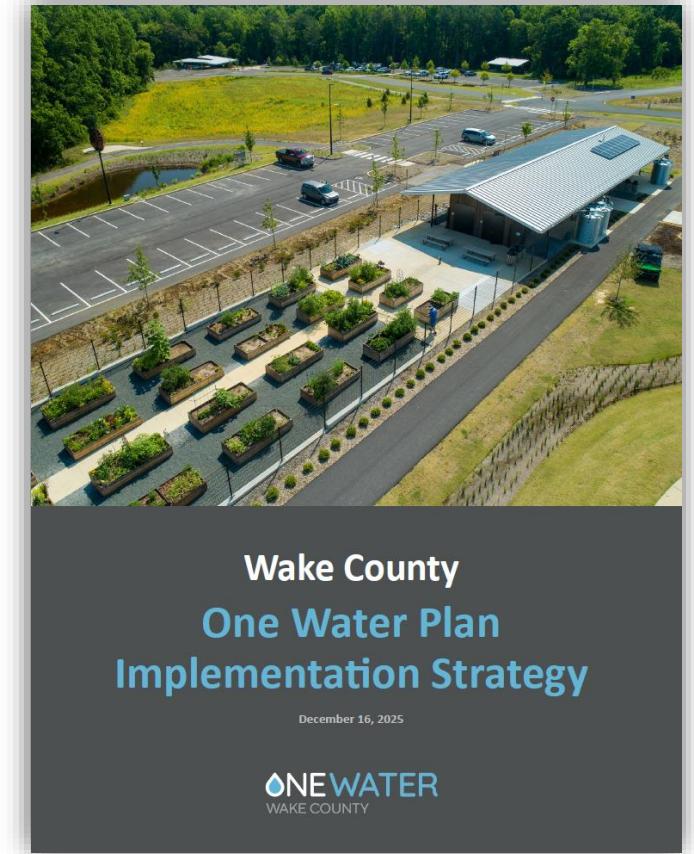
Water  
Quality and  
Hydrology

Conservation  
and  
Preservation

Flood  
Resilience

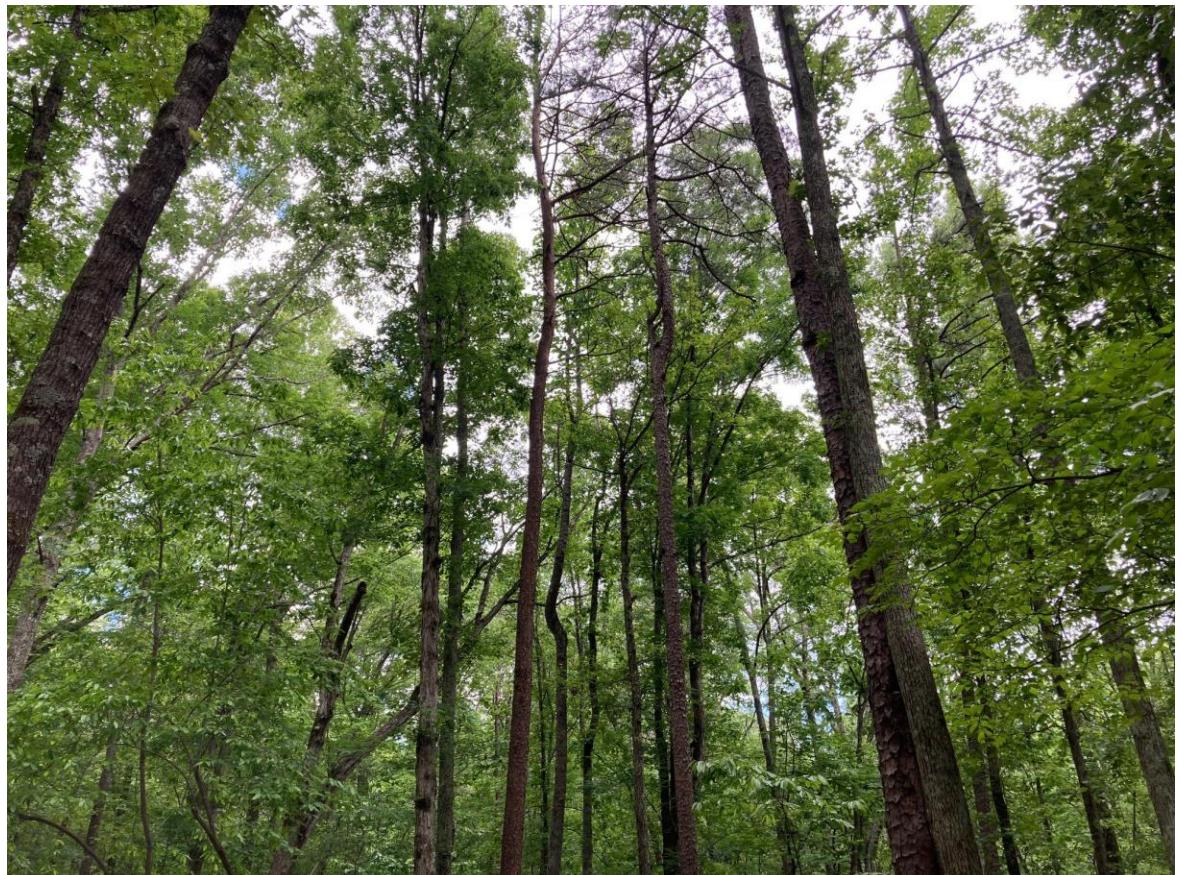
# Implementation Strategy

- Wake County Water Partnership leadership
- Strategy breakdown
  - Timeframe (short, medium, long-term, ongoing)
  - Resource needs (low, moderate, significant)
  - Leaders/Partners
  - Supporting Resources
  - Metrics/Milestones
- Living document



# Example Strategies

- Green Stormwater Infrastructure funding
- Expansion of well monitoring network
- Incentives for onsite septic maintenance and repair
- Tree planting/replanting





# Wake One Water

Our Water. Our Future.

# Wake One Water Process



Goal: Approval by Board of Commissioners

# Strategic Plan Alignment

**Goal 4:** By 2029, 95% of residents asked will have easy access to **clean water**.



# Wake County Plan Alignment

- PLANWake
- Food Security Plan
- Farmland Preservation Plan (in development)
- Greenway System Plan
- Parks Master Plan (in development)

# By the Numbers

- 2,871 responses to public surveys
- 60 stakeholders at virtual stakeholder meetings
- 121 subject matter experts at 5 technical workshops
- 249 participants at 10 community meetings



# Wake One Water Plan Outreach

- Meetings and workshops :
  - Homebuilders Association
  - Wake County Economic Development
  - Wake Soil and Water-Keeping the Farm Workshop
  - Regional Centers
  - Partners for Environmental Justice/Walnut Creek Watershed
- Draft Plan Presentations
  - Municipal Managers Meeting
  - Five municipal council/board meetings
  - Public webinar

# Feedback Topics

- Impacts to water quality and public health
- Water supply, reuse and new sources
- Growth management, land use, and conservation
- Stormwater, flood resilience and stream restoration
- Policy, regulation, governance and equal access to water



# Questions?



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