

Wake County One Water Plan

Our Water. Our Future.

Wake County Board of Commissioners

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@wakegov    

wake.gov

The logo features the word "ONE" in a dark blue, sans-serif font. The letter "O" is replaced by a stylized water drop icon, which has a dark blue outline and a light blue fill. Below "ONE" is the word "WATER" in a light blue, sans-serif font. At the bottom is "WAKE COUNTY" in a grey, sans-serif font.

ONE WATER WAKE COUNTY

Hazen



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.



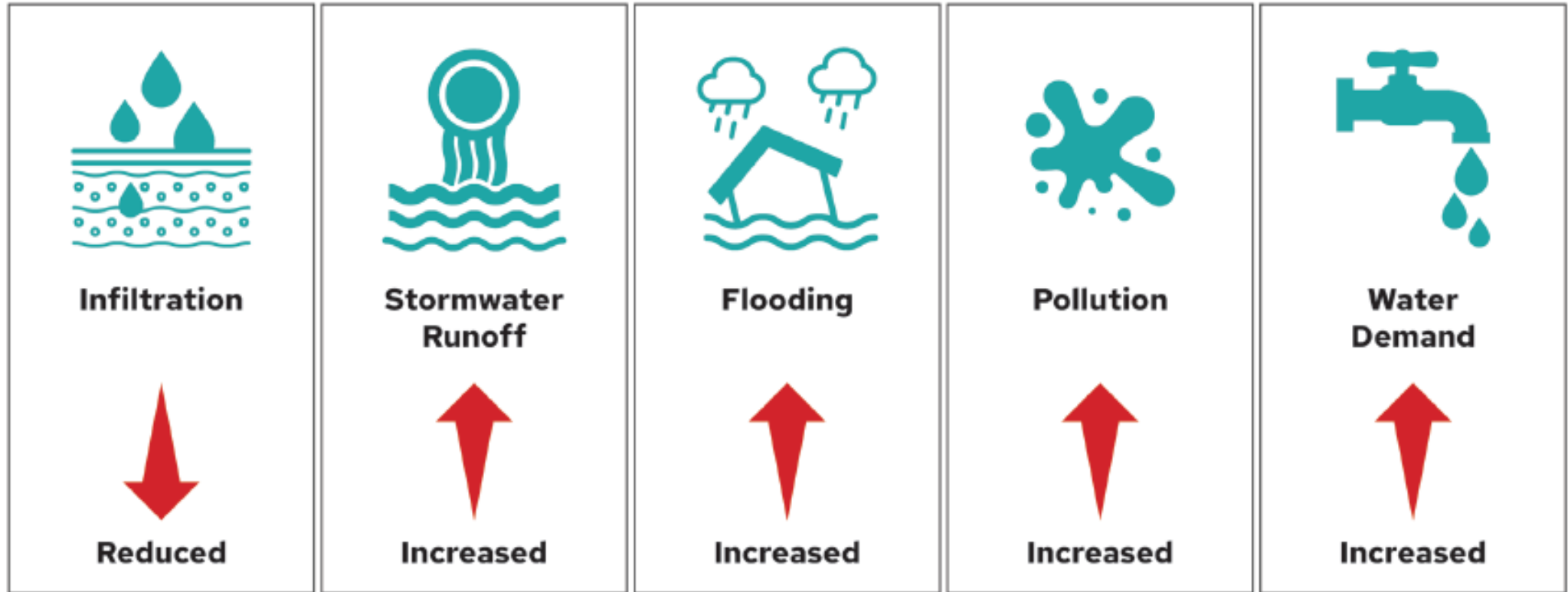
What is the One Water Plan?

- 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



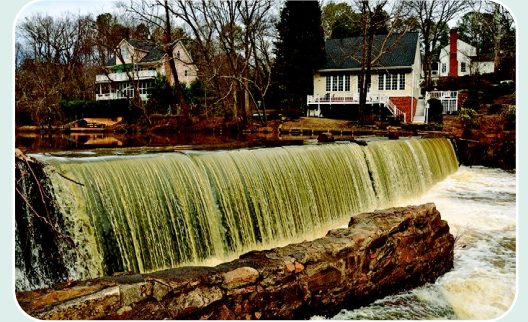
Optimized
Water Supply



Water
Quality and
Hydrology



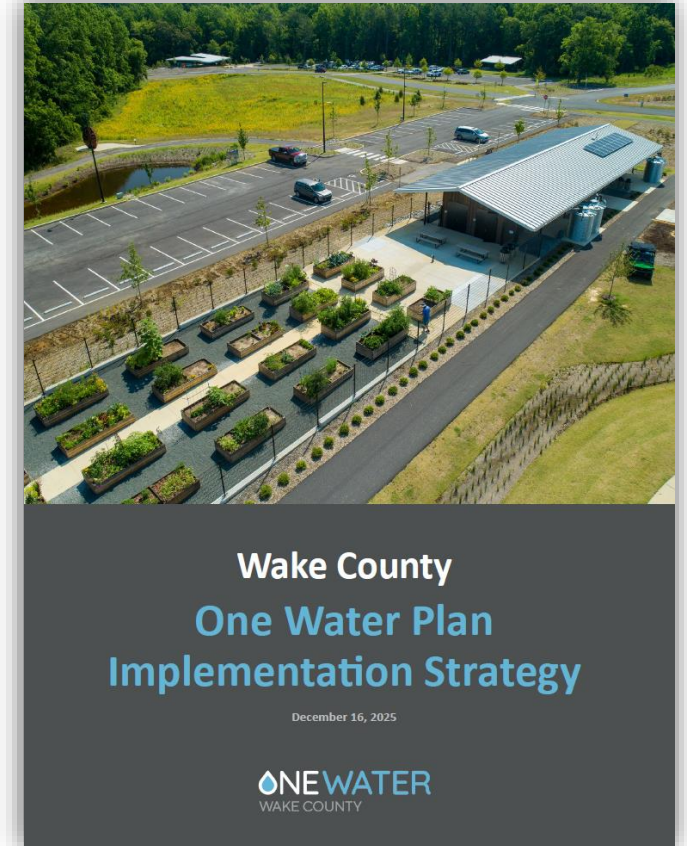
Conservation
and
Preservation



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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