



**PUBLIC WORKS**

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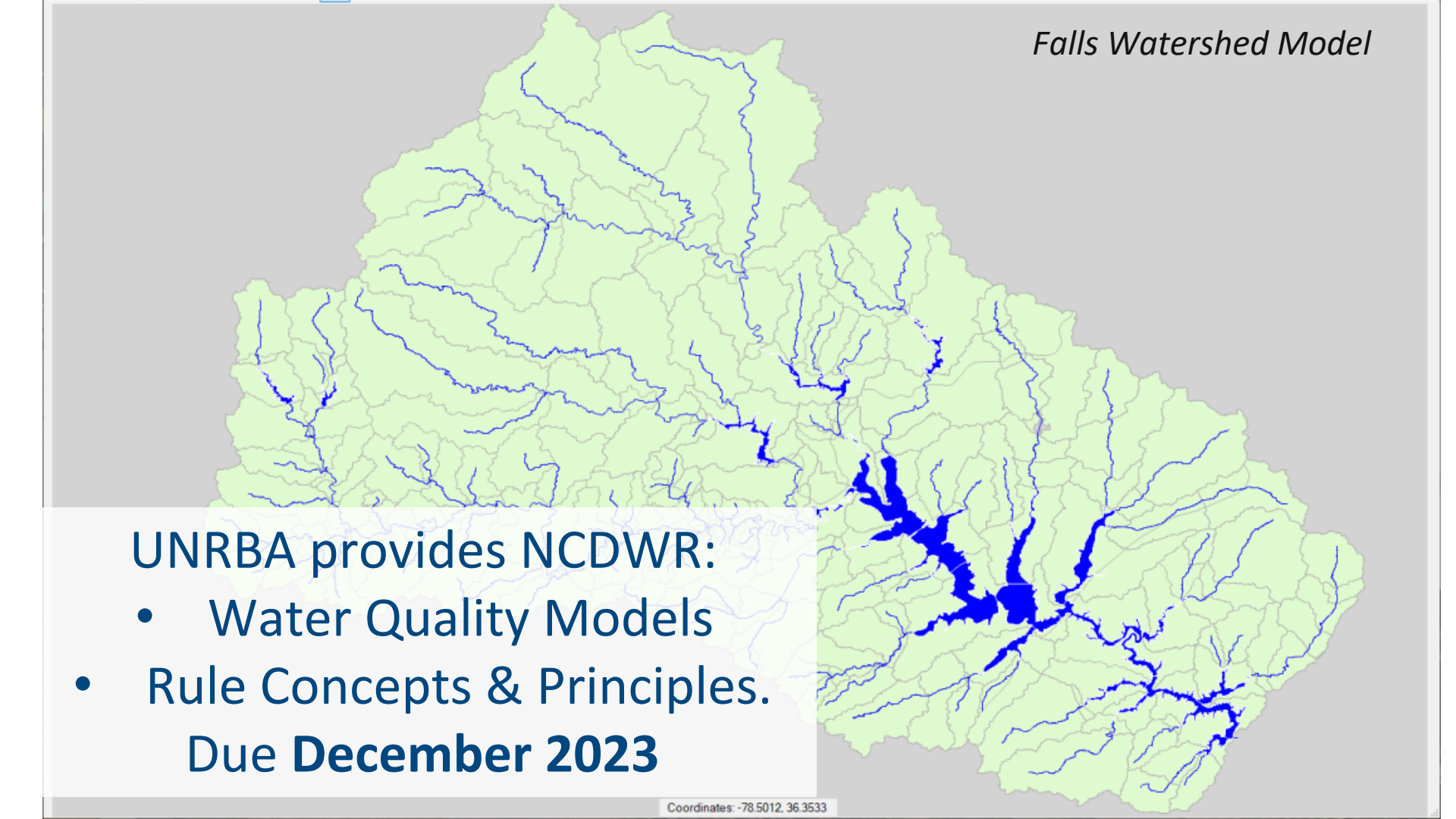
CITY OF DURHAM

# FY2024 Upper Neuse River Basin Association Budget Resolution

Stormwater Division| May 15, 2023

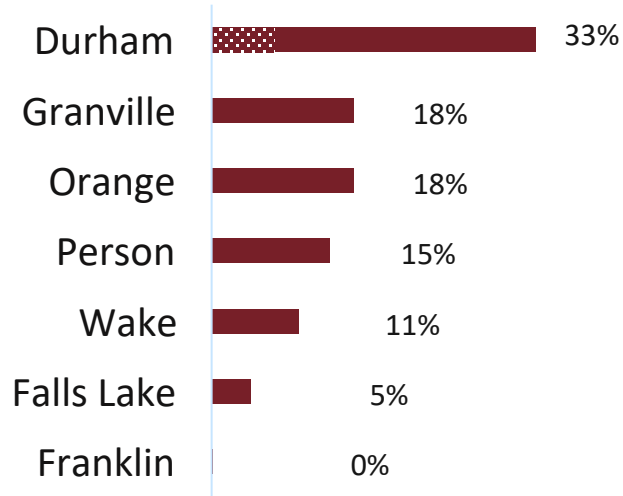
A wide river with a suspension bridge in the background under a clear blue sky. The bridge has multiple tall, thin towers and cables. The water is calm with gentle ripples. The sky is a solid, clear blue. The background is filled with a dense line of green trees.

City Adopts  
Concepts and Principles  
By **September 2023**

- 
- UNRBA provides NCDWR:
- Water Quality Models
  - Rule Concepts & Principles.
- Due December 2023**

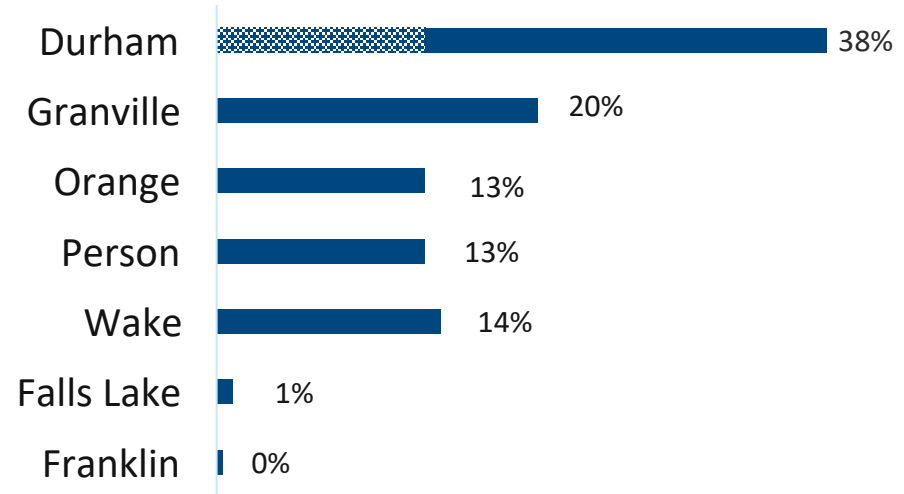


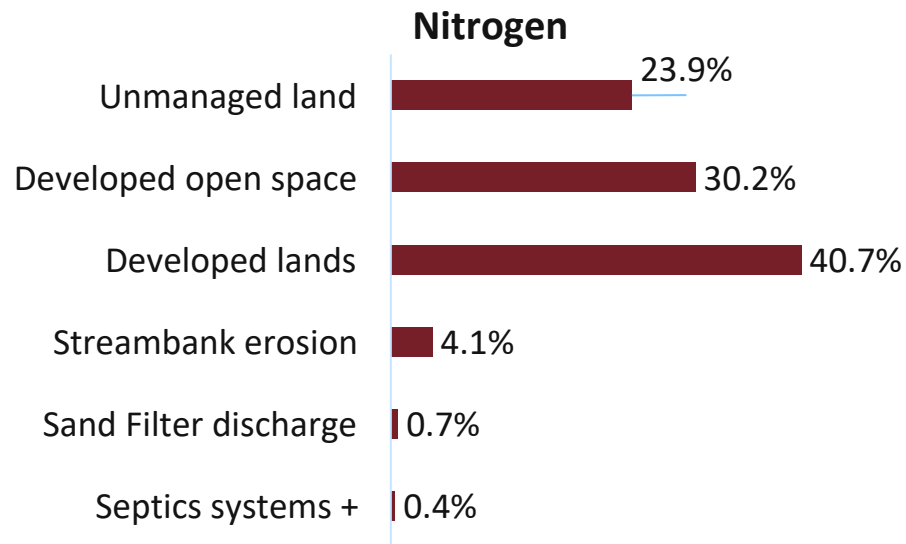
## Nitrogen



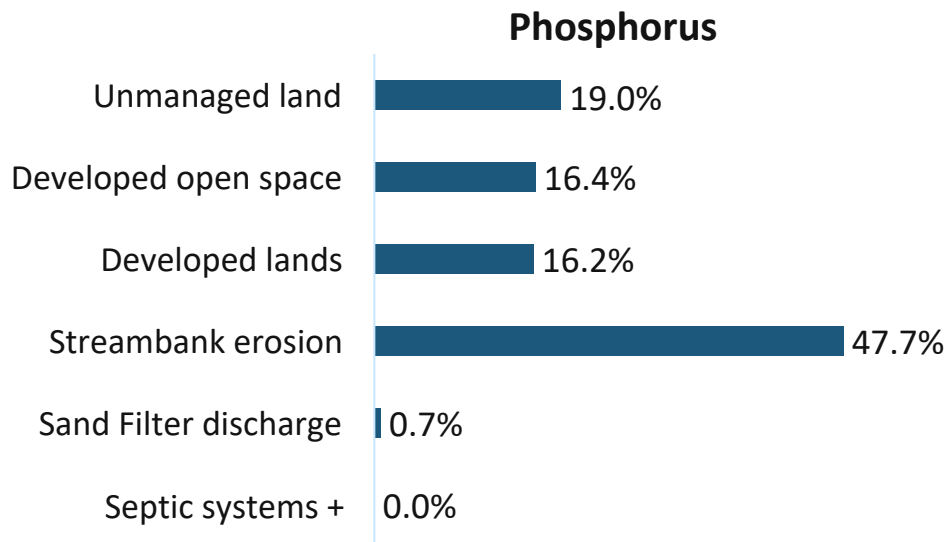
## Nitrogen & Phosphorus reaching Falls Lake, By County (2015-2018)

### Phosphorus





## Nitrogen & Phosphorus reaching Falls Lake, from the City of Durham (2015-2018)



# Preliminary Concepts and Principles

**Embrace a systems approach focusing on right-sized solutions.**

**Focus on whole watershed health and local implementation**

**Create an adaptive program with review period**

**Cooperate and collaborate with watershed stakeholders**

**Expand the types of voluntary practices**

**Establish a watershed organization with tiered participation**

# Preliminary Concepts and Principles

**Develop a fair and equitable strategy**

**Address environmental and social justice issues**

**Measure compliance by investment levels, tracking nutrient reductions, or a combination of the two**



# Falls Lake Rules

## (Effective January 2011)

- .0275 Purpose and Scope (Goals)
- .0276 Definitions
- .0277 New Development
- .0278 Existing Development**
- .0279 Wastewater Discharge
- .0230 Agriculture
- .0281 State and Federal Entities
- .0282 Options for Offsetting Nutrient Loads
- .0283 Fertilizer Management



# FY2024 UNRBA Budget Categories

Overall Budget  
\$1,204,940

Executive Director & Svcs  
\$235,440

Monitoring & Modeling  
\$800,000

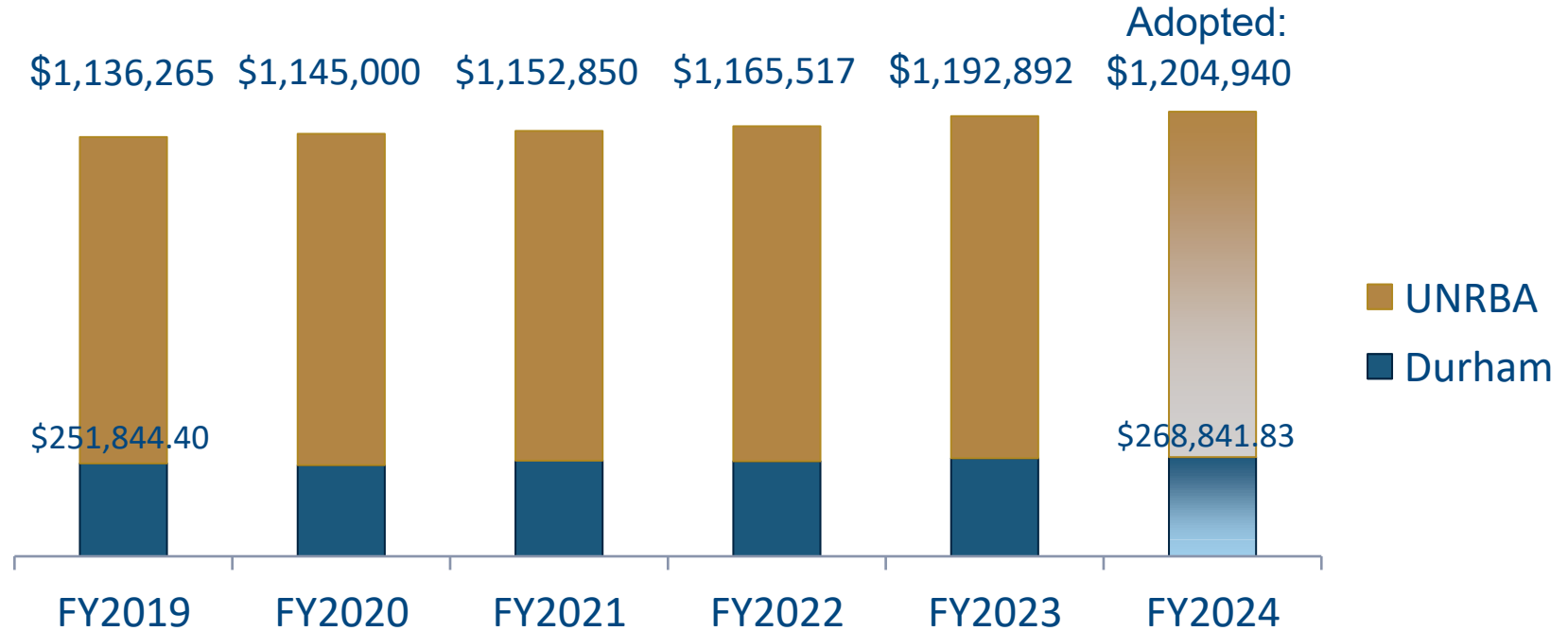
Legal Support  
\$100,000

Communication  
\$60,000

Audit, Admin & Web Site  
\$9,500



# UNRBA Budgets, FY2019 - 2024



# Thank You for your attention

City of Durham UNRBA/ Falls Lake Team

Reggie Hicks, Water Management  
Michelle Woolfolk, Public Works  
Don O'Toole, City Attorney's Office  
Sandi Wilbur, Public Works

*Photo by Public Works*



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