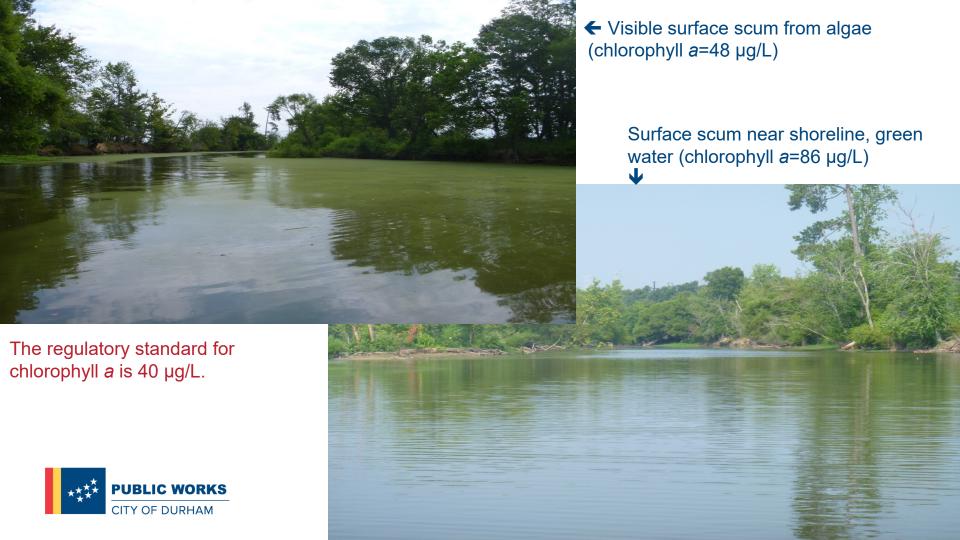


FY2023 Upper Neuse River Basin Association Budget Resolution

Stormwater & GIS Services | April 21, 2022



UNRBA Members

- Six municipalities: Butner, Creedmoor, Durham, Hillsborough, Raleigh, Stem, and Wake Forest
- Six counties: Durham, Franklin, Granville, Orange, Person, and Wake
- South Granville Water & Sewer Authority





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







Existing Development Rule Feasibility (Source: Cardno Entrix, 2013)

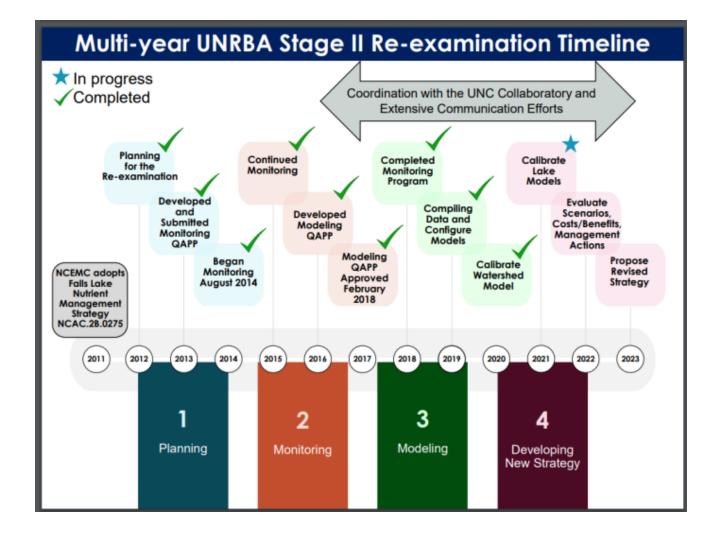


Reduce TN 40%

Retrofit "nearly every acre of existing development"

BRIGHTLEAF

Slide from Brown & Caldwell, Nov 2, 2021





Nutrient Management Accomplishments since 2005-2007



Nitrogen applied to the watershed, decreased 37%

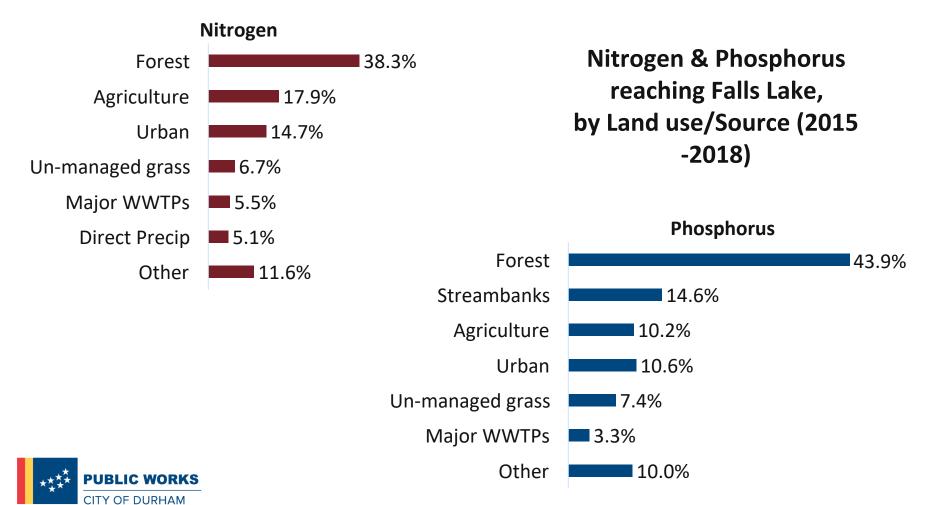
Phosphorus applied to the watershed, decreased 29%

Atmospheric deposition of nitrogen, decreased ~ 20%

Treated wastewater nitrogen discharge, decreased 33%

Treated wastewater phosphorus discharge, decreased 77%





FY2023 UNRBA Budget Categories

Overall Budget \$1,192,892

Executive Director & Svcs \$223,392

Monitoring & Modeling \$800,000

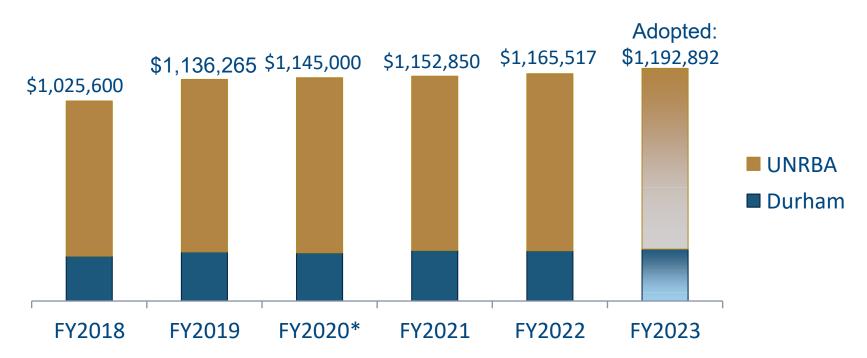
Legal Support \$100,000

Communication \$60,000

Audit, Admin & Web Site \$9,500



UNRBA Budgets, FY2018 - 2023





Guidelines for a Revised Strategy (Examples)

Water Quality

River Reservoir

Cost-effective
Protect Falls Lake
Protect Lake Michie and Little

Social

Racial Equity & Environmental
Justice
Equitable
Promotes collaboration





Photo by C. Cailleret, Public Works



Thank You for your attention

City of Durham Falls/UNRBA Team

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