

Nutrient Management Strategy Reexamination Milestones

2011 to 2018

Successful < investments in nutrient reduction throughout the basin improve water quality in Falls Lake

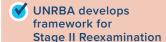


DWR approves modeling framework and procedures I **UNRBA** begins model set-up





UNRBA hosts two technical workshops and compiles data from stakeholders



DWR approves monitoring program | **UNRBA** begin monitoring in 2014 and finishes in 2018

> Program collects over 28,000 observations!

NC General Assembly sets a 2023 end date for the reexamination process

2019

MODELING CONTINUES

UNRBA releases its final



Monitoring Report



Communication and supportbuilding continue throughout the reexamination process



UNRBA continues to develop computer models of Falls Lake and its watershed



UNC Collaboratory begins its Falls Lake evaluation

2020

MODELING STREAM FLOWS AND LAKE LEVELS

Falls Lake **Regulatory Forum**



FOCUS | Briefing jurisdictional leaders on the



UNRBA calibrates models to observed stream flows and lake water levels

Third Technical Stakeholder Workshop





Communication and supportbuilding continue

UNC Collaboratory continues its Falls Lake evaluation



MODELING WATER QUALITY



UNRBA calibrates models to observed water quality in streams and Falls Lake

Fourth Technical Stakeholder Workshop





UNRBA begins reaching out to stakeholders to develop and vet potential replacement strategies for managing nutrients

The UNC Collaboratory releases its first interim report on Falls Lake





Communication and supportbuilding continue

CONTINUE FOR 2022-2024

2022

COMPARING MANAGEMENT ACTIONS

UNRBA uses models to compare nutrient management actions



watershed and lake affect the lake's water quality?

> How feasible and cost-effective are different kinds of management actions?

Is the current chlorophyll-a standard for Falls Lake attainable?

Are regulatory alternatives warranted for this man-made water body?

UNRBA releases its Final **Modeling Report**



Communication and supportbuilding continue





Watershed and lake models complete!



Fifth Technical Stakeholder Workshop

Feedback guides direction for revised nutrient management strategy



The UNC Collaboratory releases its second interim report on Falls Lake

2023

PROPOSING A NEW STRATEGY

UNRBA releases its draft strategy proposal





Sixth Technical Stakeholder Workshop

FOCUS | Presenting the

Communication and supportbuilding continue





The UNC Collaboratory releases its final report on Falls Lake



UNRBA Water **Summit on Nutrient** Management Recommendations



2024

REACHING CONSENSUS ON A STRATEGY ADOPTION PROCESS

Seventh Technical Stakeholder Workshop

FOCUS | Update on the



Strategy adoption approach selected

Who are we?

Communication and support-

building continue

Revised strategy

implementation

steps begin!

throughout

the basin

The UNRBA is a non-profit organization comprised of six municipalities, six counties, six local soil and water conservation districts, and a regional water and sewer authority. Since 1990, we have been dedicated to providing a forum for considering and promoting innovative approaches to water quality planning and management in the Upper Neuse River Basin's 770-square-mile watershed. For more information about the Association and our mission, visit UpperNeuse.org.