



UNRBA  
Nutrient Credit  
Development  
Project  
PFC Meeting  
January 2015



January 6, 2015

# Update on the Nutrient Credit Project

Task 1 – Develop Credits



## Status of Credit Development

- Met with NCSU stormwater group to discuss the SME review and contract (December 15)
- Setting up the format of the database for credits
- Populate the database with literature and expert input for first batch of practices
  - Bioretention
  - Infiltration devices
  - UNM or Soil Amemdment

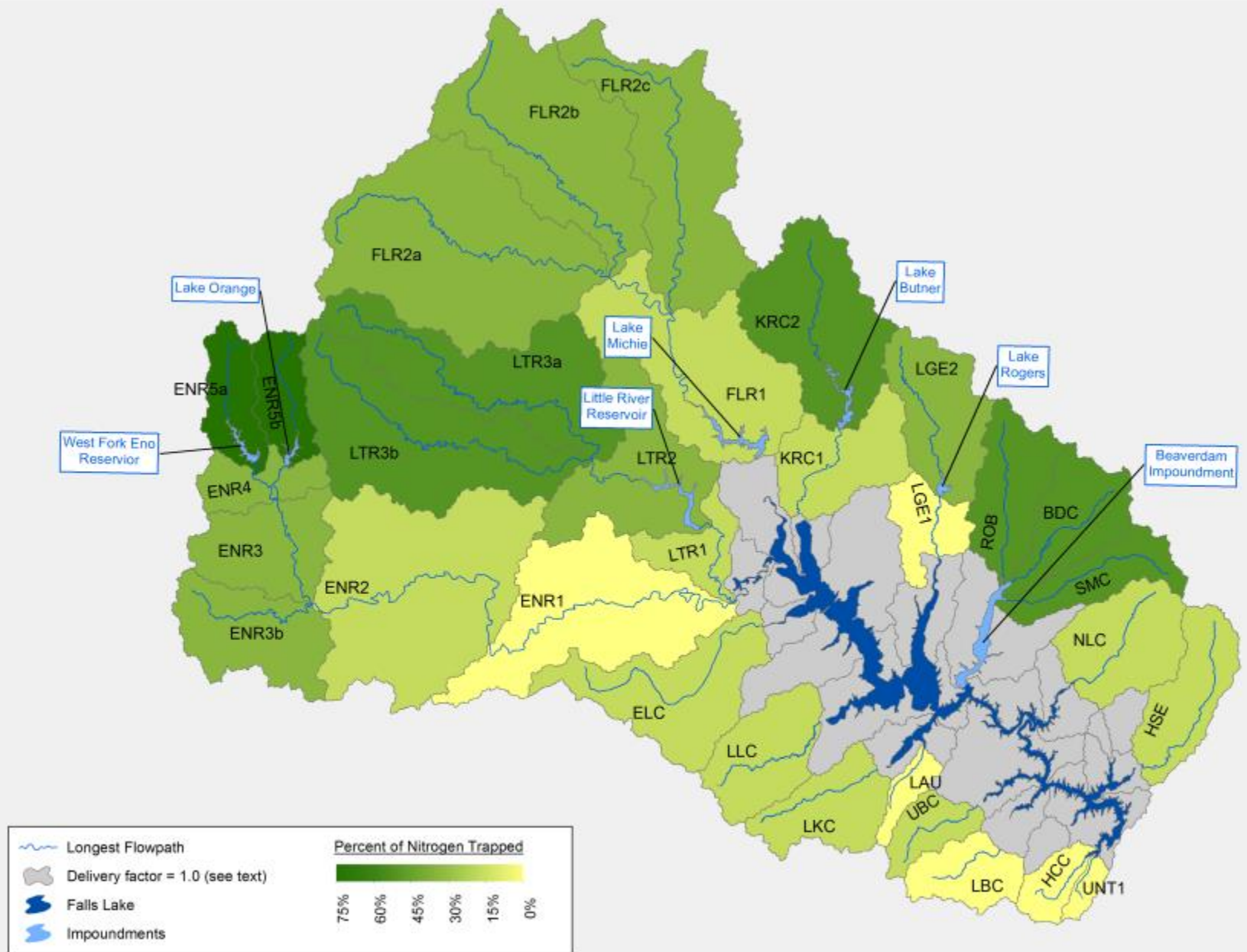
# Update on the Nutrient Credit Project

Task 1 – Develop Trapping Factors



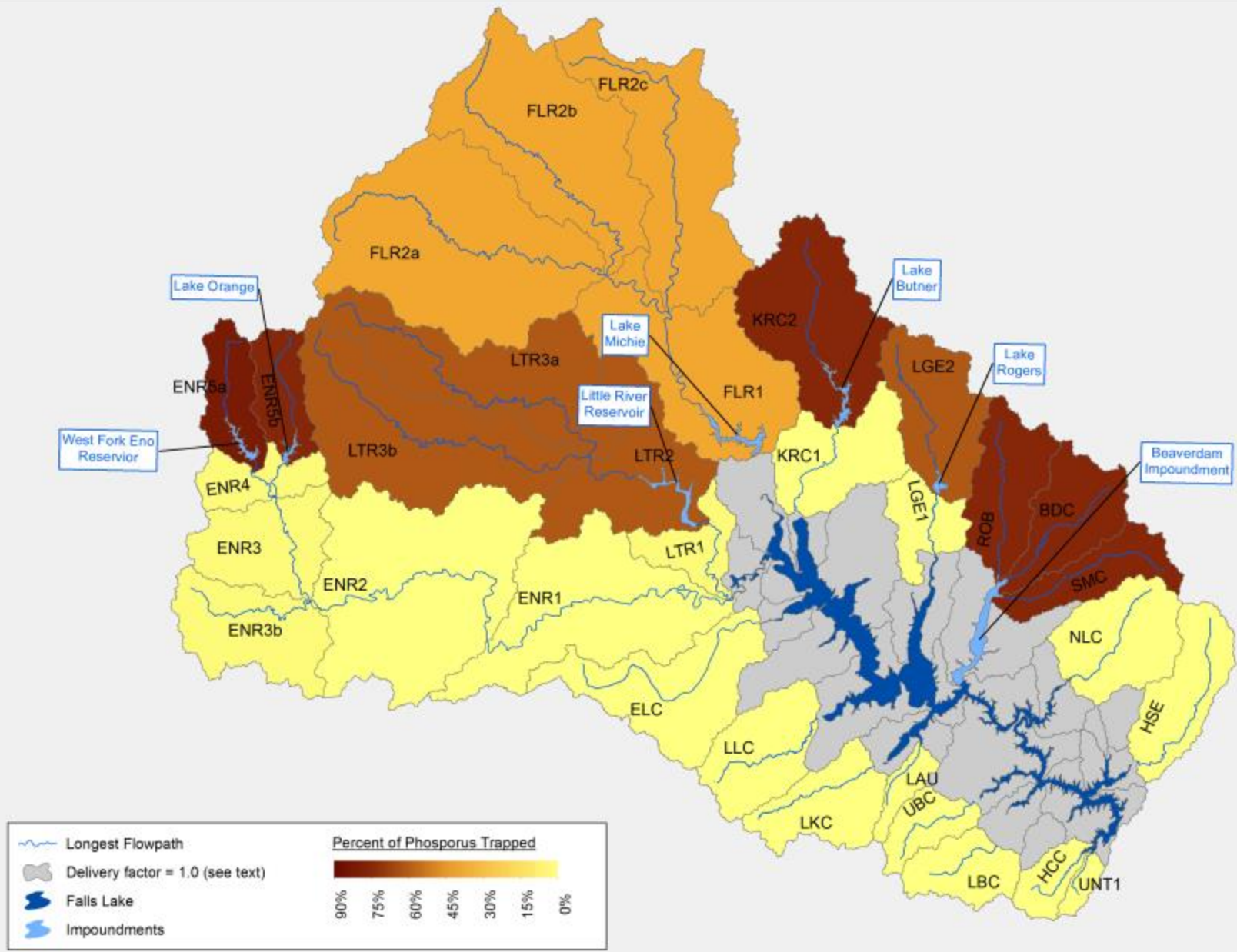
## Status of Trapping Factors Analysis

- Revised analysis using latest USGS model
- Incorporated final comments on the trapping factors from the PFC
- PFC approved finalization of the memorandum on December 6th



**Figure 5-1 Cumulative Nitrogen Trapped for Water Originating in Each Subwatershed**  
 Upper Neuse River Basin Association  
 North Carolina





**Figure 5-2 Cumulative Phosphorus Trapped for Water Originating in Each Subwatershed**  
 Upper Neuse River Basin Association  
 North Carolina

# Update on the Nutrient Credit Project

Task 2 - Model Selection for Calculating and Tracking Credits





## Status of Tool Selection and Development

- Worked with the PFC to develop a unified statement of purpose for the model (December 2, 2014)
- Selected three tools to evaluate: JFSLAT, WTM, and Storm-EZ (and Wake County Hybrid JFSLAT/Storm-EZ)
- Drafting a memorandum in January to describe the three tools and recommend an approach for the UNRBA
- Review and comment on memorandum at February meeting
- After PFC approves recommendation, we'll begin developing the model for the calculation of credits



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