



UNRBA
Nutrient Credit
Development
Project
BOD Meeting
March 2015





Credits Project – Project Reminders

- **Task 1 – Credit Development for Priority Measures**
 - Includes the NCSU Stormwater Group as Subject Matter Experts (SME)
 - Review process incorporates DWR into the process to expedite the approval process
- **Task 2 – Credit Tool Development**
 - Broken into pre-approved (Subtask 2.1) and conditional (Subtask 2.2 and 2.3 tasks)
 - Rules Review Process may affect some features of tool development

Establishment of SME Contract



Status of Contract Development

- Finalized proposal and tasks
- Submitted to NCSU administrative/contract staff
- Following up with NCSU to “break it loose” and finalize
- Work plan and contract amount is \$ 21,048
- We have \$ 1,680 contribution by the Town of Wake Forest (total UNRBA Credits Project Funds Available \$ 301,680)
- Propose that these additional funds be used to cover the \$ 1,048
- Contract covers review of 10 measures
- May use contingency funds to cover next round of 5 practices

Credit Development and Review Process (Task 1)



Batch Process

- Populate the database and analyze credits with preliminary input from the SME
- Draft practice standard document → SME
- Revise draft practice standard document → PFC, DWR, and other stakeholders such members of the Nutrient Scientific Advisory Board (NSAB)
- Incorporate comments and deliver practice standards to DWR
- DWR begins the formal review process which includes
 - NSAB review
 - Public comment period
 - EMC approval



Status of Credit Development

- Batch 1 practices
 - Filter strips with design variants
 - Infiltration devices
 - Soil amendments
- Populated and QA'd the database
- Will send SME proposed a crediting approaches
- Beginning to populate the database for Batch 2 practices
 - Bioretention with design variants
 - Pervious area nutrient management
 - Removal of illicit discharges

Credit Tool (Task 2)



Status of Tool Selection and Development

- Drafted memo to evaluate four existing tools (Subtask 2.1)
 - Watershed Treatment Model (CWP)
 - Jordan Falls Stormwater Load Accounting Tool (NCDWR)
 - Storm-EZ (NCDEMLR)
 - Wake County Hybrid Stormwater Design Tool
- PFC provided comments in February
- Working to finalize the memo this month



Recommendation for a UNRBA Credit Tool

- Track progress toward jurisdictional load reduction goals
- Use output from State-approved tools to provide credit estimates for structural measures (JFSAT, Wake County tool)
- Account for location in the watershed and delivery factors to Falls Lake (developed previously under Task 1)
- Account for non structural measures that are not included in (or easily added to) existing tools (e.g., programmatic measures)



Moving Forward

- Received feedback from the PFC that indicates that the recommended approach is acceptable
- The memo will be finalized this month to provide clarification and response to the PFC comments
- We have submitted a preliminary scope and budget to Forrest to complete the tool development (Subtasks 2.2 and 2.3)
- Work with the PFC to refine the scope and budget as needed to reach PFC approval for tool development



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