



UNRBA
Nutrient Credit
Development
Project
PFC Meeting
April 2017





Credit Development



Status of Completed Practices

Practice	Final Approved by PFC	Public Comment Complete*	Director Signature or in DEMLR BMP Manual/Crediting
Bioretention design variants	✓	✓	✓
Level spreader filter strip design variants	✓	✓	✓
Infiltration devices (over/under sizing)	✓	✓	✓
Soil improvement with pervious area nutrient management	✓	✓	✓
Cattle exclusion	✓	✓	✓
Removal of illicit discharges	✓	✓	✓
Land conservation	✓	NA	
Buffer improvement in developed areas	✓	Ends May 7	



Land Conservation Credit--Status of DEQ Review

- Met with DEQ Secretary and leadership team on April 3, 2017
- Discussed key topics/issues that the UNRBA is looking to DEQ for continued cooperation and collaboration
- The pending nutrient credit request for land conservation was one of those key issues
- There was not a definitive response from the Secretary, but the possibility of a credit was not dismissed
- Have followed up with DWR Director, Jay Zimmerman, to schedule additional discussions—no response at this time



Tool Development



Structural Practices in the UNRBA Credit Tool

- Reads in project files from site-level tool
 - JFSNAT (versions 2 – 3)
 - SNAP (version 4)
 - Wake County Stormwater Design Tool
- Practices
 - Structural
 - Level spreader filter strips
 - Bioretention
 - Infiltration devices
 - Wet ponds, etc.
 - Soil improvement



Non Structural Practices

- Cattle exclusion (once credits can be approved)
 - Pasture area excluded
 - Pre and post stocking densities
- IDDE
 - Several discharge types (continuous localized, event based, etc.)
 - Several sources of discharge (wastewater, laundry, mobile car wash, etc.)
 - Multiple combinations that affect credit calculation



Non Structural Practices, Continued

- Buffer improvement in developed areas
 - Land conversion credit + Runoff treatment credit
 - Discount factors for stream incision and existing buffer width
 - Credits for enhanced versus restored areas
 - Five year credit release schedule
 - Penalties for not meeting vegetation targets
- Miscellaneous
 - Allows user to account for credits from practices that are not represented on other tabs
 - Individual projects or actions
 - Non structural practices not developed by the UNRBA under this contract
 - Other practices approved in the future



Status of UNRBA Credit Tool and User Guide

- Distributed Tool and User Guide to the Task Force on April 14th
- Webinar to discuss on April 24th
- Task Force comment period ends April 28th
- Revise Tool and User Guide based on Task Force feedback
- Distribute files to the PFC in early May
- Possibility of a webinar rather than PFC meeting in Butner on May 24th to demonstrate the Tool
- June PFC meeting date has conflict
- Proposal to have the next PFC meeting in Butner on June 7th (before BOD meeting)



Tool Development Budget

- Contracted budget of ~\$72,000 to develop a basic tool (June 2015)
- Moved \$8,700 out of Tool development budget to support credit development (July 2016)
- Buffers and IDDE were both complex practices to code into the Tool
- As of March, total project budget exceeded
- Requested reallocation of Task 8000 funds (\$8,800 remaining for model review associated with reallocation)
- Raleigh has agreed to provide support as a challenge grant
- Support work efforts in April and allow for minor edits to Tool and User Guide following Task Force and PFC review
- Board would need to approve at the May meeting



Project Schedule



Proposed Schedule

- April
 - Approval of IDDE and cattle exclusion (contingent approval)
 - Provide the UNRBA Credit Tool and User Guide to the Task Force
 - Revise based on feedback
- May
 - Approval of buffer improvement in developed areas
 - Provide the UNRBA Credit Tool and User Guide to the PFC
 - Discuss May 24th
 - Revise and finalize both
- June
 - PFC approval of Credit Tool and User Guide

