



UNRBA  
Nutrient Credit  
Development  
Project  
BOD Meeting  
November 2015



November 18, 2015

# Task 1: Status Update on Credit Development



## Filter Strips with Design Variants and Infiltration Devices

- These two practices are near complete
- Met with the subject matter experts (NCSU stormwater group) and agency staff (DWR and DEMLR) several times this summer
- Technical documents and the credit documents are being reviewed by the technical work group
- Cardno/CWP to incorporate final edits when ready
- Distribute for broader review in December 2015
  - Path Forward Committee (PFC)
  - Nutrient Scientific Advisory Board (NSAB)
  - Watershed Oversight Committee (WOC)



## Land Conservation

- Incorporated feedback from the subject matter experts (NCSU stormwater group) and submitted the technical document to the agency
- Scheduling a meeting to meet with agency staff to discuss moving forward with crediting this practice; consider policy issues moving forward
- Resubmit technical documents for review before drafting the credit documents
- Goal is to draft, respond to work group input, and finalize credit documents for review early next year (January 2016)



## Soil Amendment and Livestock Exclusion and Pervious Area Nutrient Management

- Met with subject matter experts (Deanna Osmond, Dan Line, Rich McLaughlin) and agency staff on October 28<sup>th</sup>
- Revising the technical approach to incorporate feedback (additional studies, selected methods)
- Resubmit technical documents for review before drafting the credit documents later this year
- Schedule follow up meeting to discuss approaches and potential to incorporate Pervious Area Nutrient Management practice in the Soil Amendment practice (highly related)
- Goal is to draft the credit documents and release for review early next year (February 2016)





## Buffer Restoration

- Gathered literature and began drafting the technical document
- Issuance of House Bill 44 (September 23, 2015) and the Permanent Buffer Mitigation Rule (November 1, 2015) are being evaluated to identify potential overlap with existing State rules
- After this evaluation is complete, we will finalize the technical document and distribute to subject matter experts (Deanna Osmond, James Gregory, Mike Burchell) and agency staff and schedule a work group meeting
- Finalize methods and draft the credit documents for review by technical work group
- Likely released for broad review in April 2016



## Bioretention with Design Variants

- Submitted the technical document to the subject matter experts (NCSU stormwater group)
- DEMLR staff have requested a work group meeting prior to moving forward with this practice (likely December 2015)
- Draft technical approach document, distribute to technical workgroup, and meet to discuss
- Goal is to draft, respond to work group input, and finalize credit documents for review next year (April 2016)



## Elimination of Illicit Discharges from Stormwater Systems or Surface Waters

- Submitted the technical document to the subject matter experts (NCSU stormwater group) using the framework developed for the Chesapeake Bay
- City of Durham is currently conducting studies on nutrient inputs from various types of illicit (graywater) discharges
- Credit development is on hold until data and studies are finalized
- Anticipate development and release of credit document by June 2016



## Task 2: Status of Work for Credit Calculation Tool



## Task Force for Tool Development

- **Members**
  - Sandi Wilbur – City of Durham
  - Terry Hackett – Town of Hillsborough
  - Henrietta Locklear – multiple jurisdictions
  - Jennifer Mitchell – Wake County
  - Rich Gannon/John Huisman/Amin Davis – DWR
- Met in September and held webinar in November to review the tool and gather input
- Task Force is testing the current version of the tool
  - Imports data for structural practices that have been evaluated in the Jordan Falls Stormwater Load Accounting Tool
  - Summarizes the total credits from practices
- Next meeting to be scheduled in early December



## Next Steps/Considerations

- Develop accounting for non-structural practices after credits have been developed
- Consider Rules Review process and revisions to required reporting elements for local jurisdictions
- Develop a reporting feature for the tool to streamline reporting efforts
- Evaluate the need for additional features as the tool is developed
  - Additional calculation options for hydrology
  - Advanced user interface
  - Addition of other nonstructural practices that aren't being developed as part of this contract (e.g., street sweeping, repairing malfunctioning septic systems, stream bank stabilization)



# Discussion, Questions, and Feedback Welcome



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