



UNRBA  
Nutrient Credit  
Development  
Project  
BOD Meeting  
May 2015



# Status of Credit Development (Task 1)



## Task 1 – Credit Development for Priority Measures

- Contract was finalized with NCSU Subject Matter Experts on April 1<sup>st</sup> and they began work on April 15<sup>th</sup>
- SMEs requested that review of practices occur in batches
- Modified review process to include preliminary assessments
  - Summarize available data and recommended approach
  - SMEs conduct technical review and provide feedback before complete document development
  - May result in a reprioritization of the practices



## Initial 10 Priority Measures (Contracted for Development)

- Batch 1
  - Filter strip w/ design variants
  - Infiltration devices
  - Soil Amendment
- Batch 2
  - Bioretention w/ design variants
  - Land or forest protection
  - Pervious Area Nutrient Management
- Batch 3
  - Remove Illegal Wastewater Connections
  - Livestock Exclusion
  - Riparian buffer - urban / suburban
  - Riparian buffer - rural



## 5 Additional Priority Measures to be Completed with Available Funds (this contract or Tetra Tech/EPA Grant)

Model  
based

- Upland tree planting (i-tree model)
- Conversion to trees or grass (JFSLAT or JL HSPF models)

Awaiting data in  
May/June 2015

- Leaf Litter Recovery
- Permeable Pavement with Design Variants
- Bioswales/Swales with Design Variants





## Credit Development Process

- Preliminary documents to SME
- SME provides feedback on the data and proposed technical approach
- Draft practice standard documents
- Submit to PFC, DWR, and other stakeholders such members of the Nutrient Scientific Advisory Board (NSAB)
- Incorporate stakeholder input and deliver practice standards to DWR
- DWR begins the formal review process



# Practice Development Schedule

Task	Batch 1	Batch 2	Batch 3
Preliminary documents to SME	April	May	June
Receive SME feedback	May	June	July
Draft full documents	June & July	July & August	August & September
External Review (PFC, NSAB, DWR)	August	September	October
Address comments	September	October	November
Submit to DWR for formal review process	October	November	December

\*Reprioritization of practices may result in some practice standards being delivered in the first quarter of 2016.

# Credit Tool (Task 2)





## Status of Tool Selection and Development

- UNRBA tool will track credits associated with nutrient reducing measures
- June 2<sup>nd</sup> PFC meeting
  - Discuss revisions to the Model Selection TM so we can finalize the memo (Task 2.1)
  - Discuss proposed scope of work and budget for tool development (Task 2.2 and Task 2.3)



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